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THE VISUAL DASHBOARD & HEADS-UP DISPLAY OF PATIENT CONDITIONS

GUI DESIGN VOLUME

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I. INTRODUCTION

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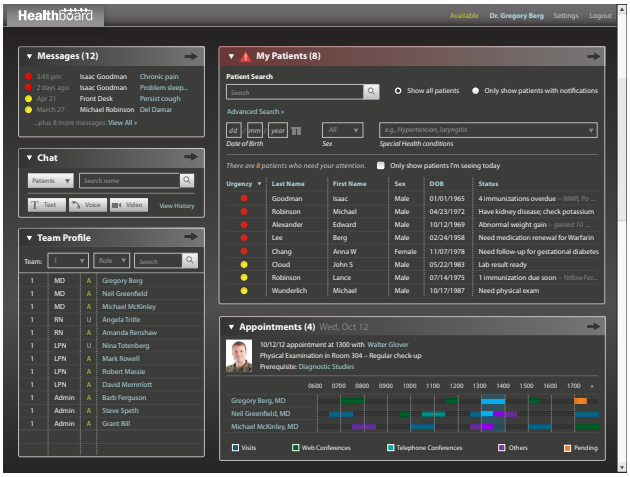
GUI Design Volume



INTRODUCTION The Parsons Institute for Information Mapping (PIIM) is completing a program for the Telemedicine and Advanced Technology Research Center (TATRC) to support design and prototyping of a Visual Dashboard for a Patient Centered Medical Home (PCMH). This program encompasses Graphic User Interface (GUI) design, User Experience Design (UXD), engineering, and assessment/user-feedback activities.

This project is scheduled to be completed within a twenty-four (24) month period with quarterly deliverables during the Period of Performance (POP). This project requires the successful delivery of the following documents:

1. *GUI Design Volume*
2. *Engineering Volume*
3. *Information Strategy Volume*
4. *Assessment Volume*

This document represents the formal deliverable *Detailed GUI Volume* identified in the program's approved Statement of Work (SOW).

In addition, this document provides the GUI and UXD framework and foundation which will be integrated into a working prototype being engineered during this program. This document will be updated at each quarterly milestone during this program's POP and items identified in this document may change in future iterations.

This document is divided into three separate sections corresponding to the three overarching prototypes PIIM will deliver in this program:

1. *Patient Portal:* a portal designed for use by PCMH patients to interact with their healthcare providers and gain access to parts of their medical records.
2. *Provider Portal:* a portal designed for use by PCMH providers (and teams of providers) to interact with their patients, participate in team-based care, and provide functionalities in addition to and in support of the Armed Forces Health Longitudinal Technology Application (AHLTA).
3. *Administrator Portal:* a portal designed for use by PCMH administrators to gain overall insight into their teams, providers, and patients and to help assess and monitor facility-specific metrics and objectives.

DESIGN CONCEPT

The Patient, Provider, and Administrator Portals are envisioned as separate systems that utilize shared/common functionalities. Additionally, the portals are envisioned to operate within multiple environments, including: a web browser, a desktop application, an iPad/tablet, and an iPhone/Blackberry handheld device. This program will design and prototype the web browser of each portal with a design style that in the future can be used in multiple environments.

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PIIM has identified a "widget" design concept that can be utilized in any of the environments identified above and can also support use/re-use across the platforms as necessary. The concept allows the GUI and UXD to be more flexible and user-configurable while also providing a common set of elements that can be used by any number of end-users and user groups/roles. For clarification of this concept, PIIM utilizes the following language and break-downs to describe the hierarchy of the widget design:

1. *Portal:* This term describes a overall framework/ infrastructure within the GUI that houses one or more "widgets".

2. *Widget:* a set of functionalities that perform one or more tasks within a "portal" and which contain up to three (3) types of visual styles (see below).

Widgets are designed to work within three (3) types of visual styles:

1. *"Button":* an icon identifying the widget which may contain certain dynamic attributes indicating alerts, new messages, or other updates needing the user's attention

2. *"Summary":* a high-level display of information relevant to a specific widget which may give precedence to most recent events, highest priority items, etc.

3. *"Detail":* a deep display of information relevant to a specific widget which allows a user to access specific details about a widget's information

Content and information display is designed to support multiple visualization mechanisms, including (but not limited to):

1. *Text-based*: where information on the screen is predominantly alphanumeric characters

2. *Graph-based:* where data points are plotted in a variety of X-Y coordinate planes (e.g. temporal/ longitudinal)

3. *Chart-based*: where data points are displayed in a variety of concise graphics such as pie charts, bar charts, and line graphs.

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II. PATIENT PORTAL

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Patient Portal GUI — Style Guide

INTRODUCTION This section of the Detailed GUI Volume documents the design of the Patient Portal's *Style Guide* for the Visual Dashboard for a Patient Centered Medical Home (PCMH).

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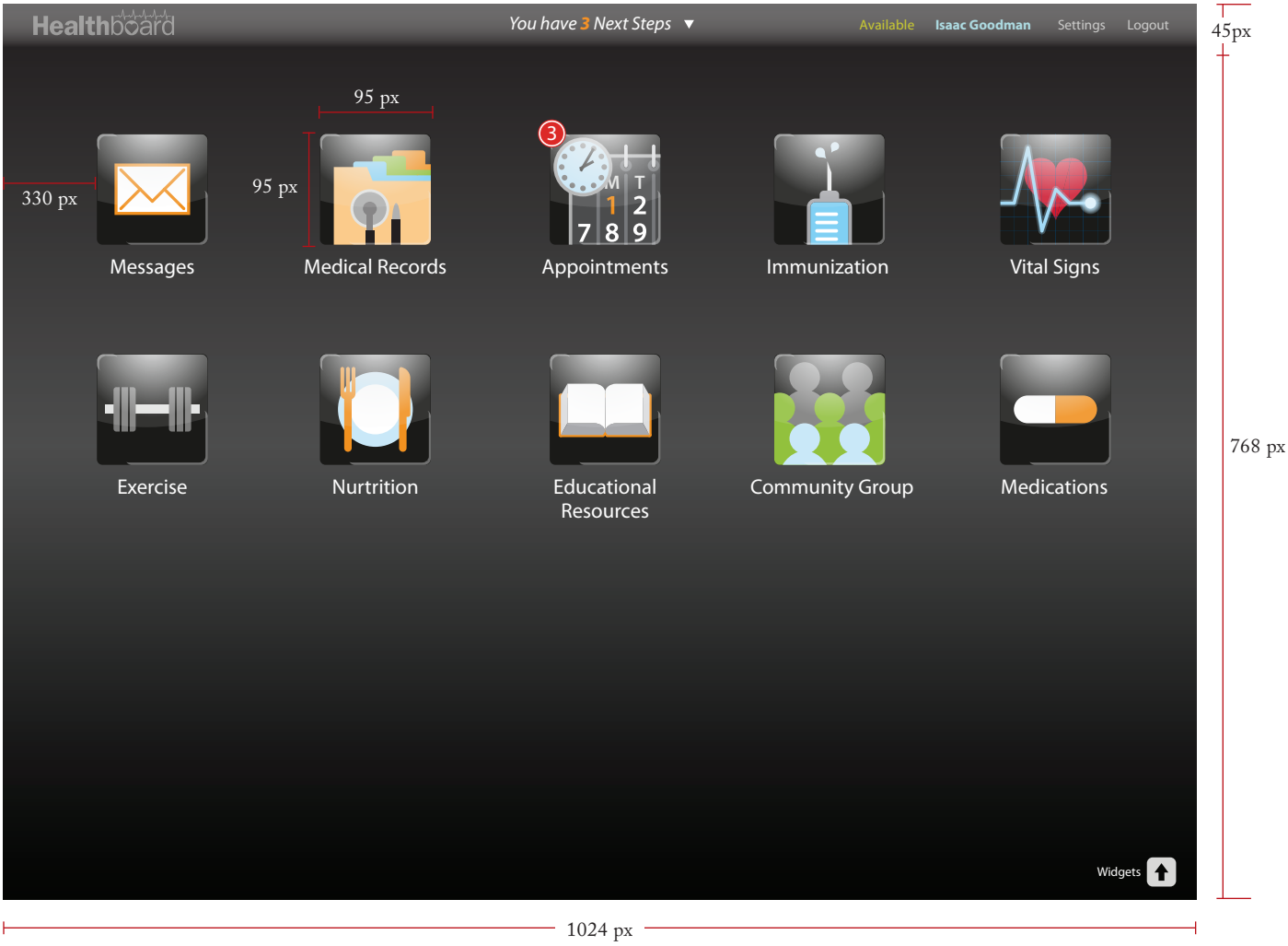
STYLE GUIDE: HOMEPAGE #1, WIDGET BUTTON VIEW



Overall Wireframe
width: 1024px;
height: 768px;

Logo (gif object)
width: 195px;
height: 33px;

Top Menu Bar (gif object)
width: 330px;
height: 45px;

Widget Icons (gif objects)
width: 95px;
height: 95px;

Background
Black: #000000; Dark grey: #777777
Default solid color: Dark grey: #777777

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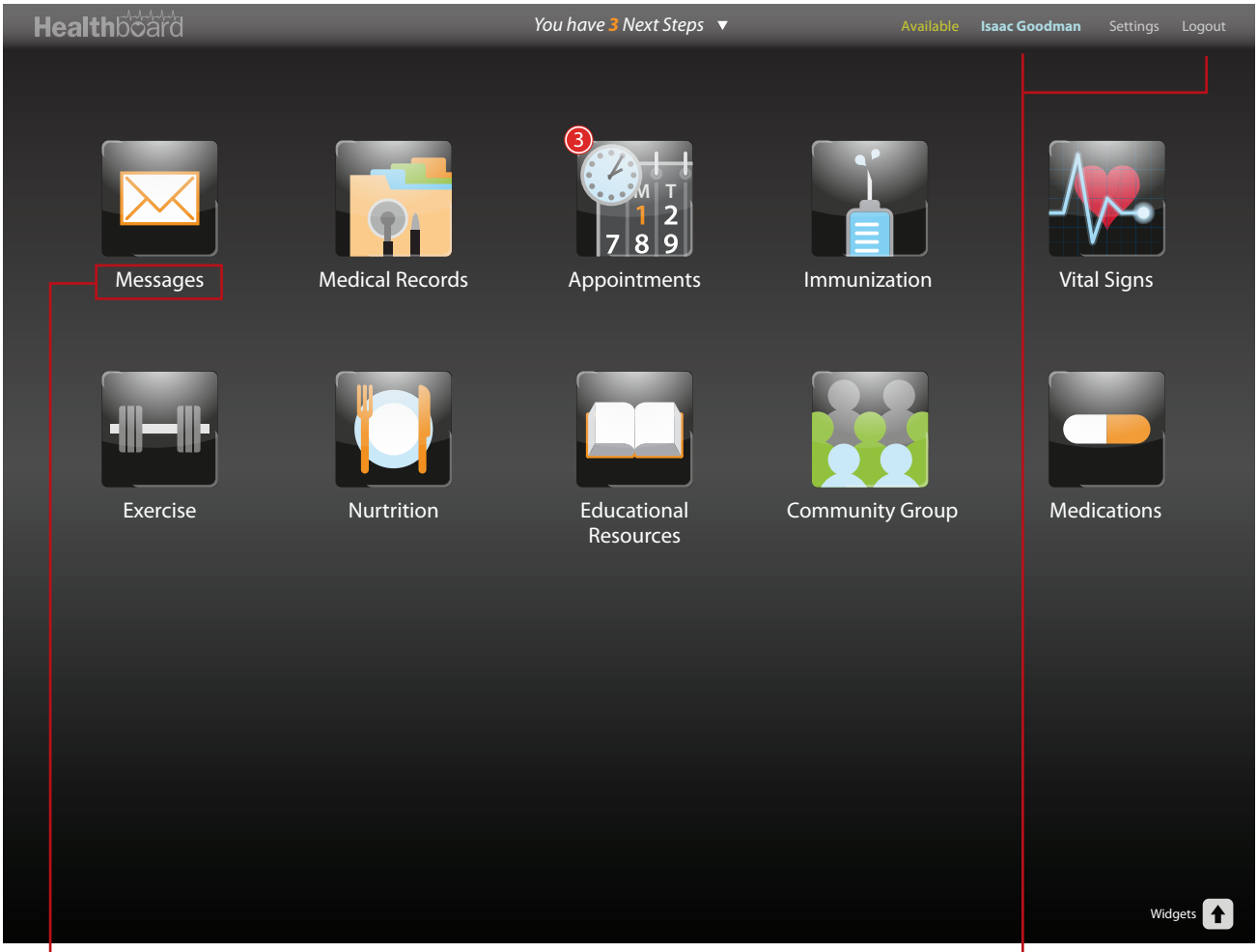
STYLE GUIDE: HOMEPAGE #1, WIDGET BUTTON VIEW CONT'D



Widget Icons Text
Myriad Pro Regular;
18/21pt; White: #FFFFFF;

Top Menu Text: Patient's Name
Myriad Pro Bold;
18/21pt; Light blue: #D9F421;

Settings
Myriad Pro Regular;
18/21pt; White: #FFFFFF;
Underline;

Login/Logout
Myriad Pro Regular;
18/21pt; White: #FFFFFF;
Underline;

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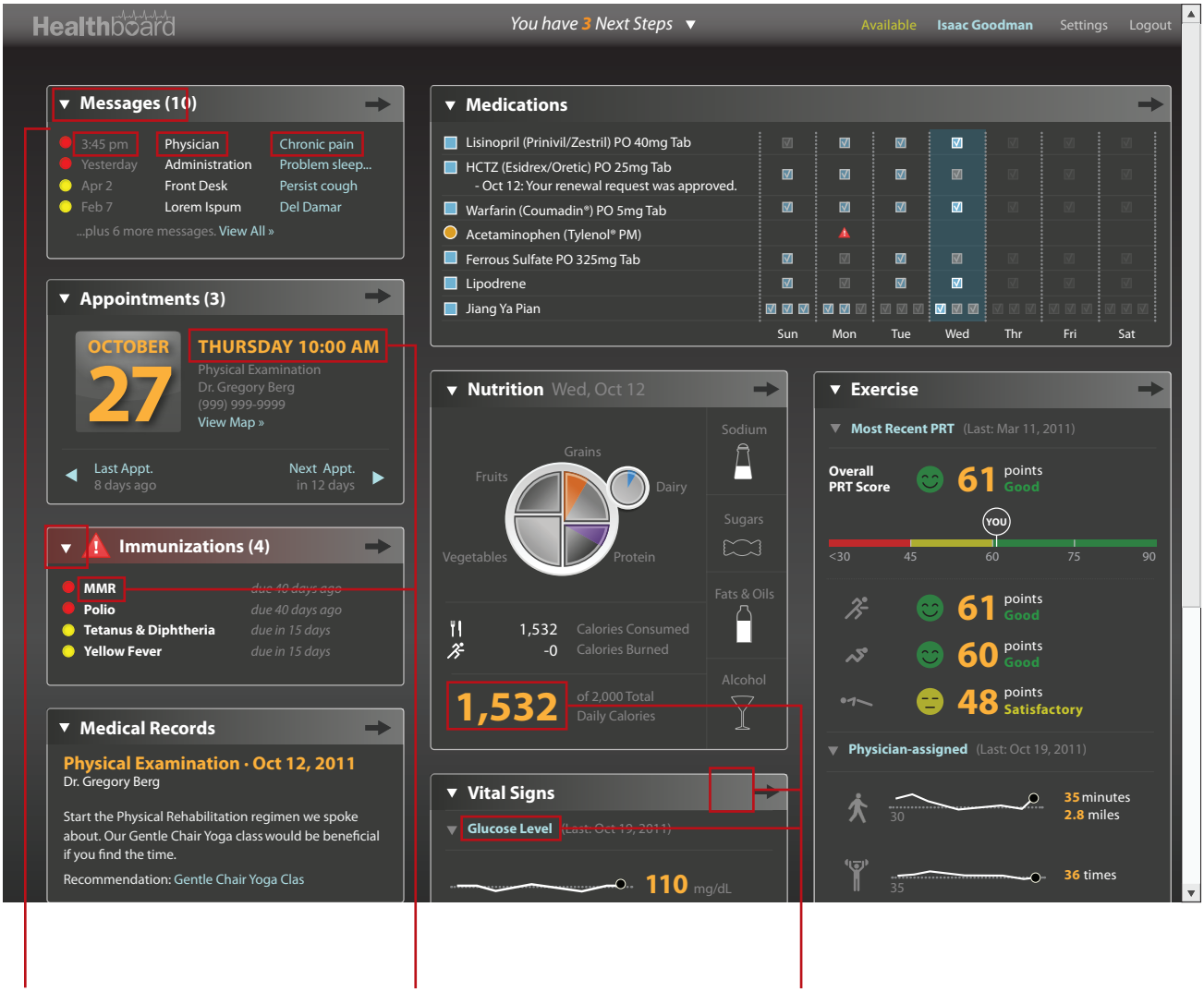
STYLE GUIDE: HOMEPAGE #2, WIDGET SUMMARY VIEW



Widget Title
Myriad Pro Bold;
16/19pt; White: #FFFFFF;

Message List
Myriad Pro Regular;
12/18pt; Gray: #868686;

Myriad Pro Regular;
12/18pt; White: #FFFFFF;

Link
Myriad Pro Regular;
12/18pt; Sky Blue: #AEDEE4;

Date & Time
Myriad Pro Bold;
16/18pt; Orange: #FBB03B;

Warning (gif object)
Red: #DA2925;

Warning (Bar)
Red: #DA2925;
White: #FFFFFF;
Opacity: 30%

Message List (high-lighted)
Myriad Pro Bold;
12/18pt; White: #FFFFFF;

Number
Myriad Pro Bold;
36/36pt; Orange: #FBB03B;

Minimize Button (gif objects)
Gray: #666666; White: #FFFFFF;
Opacity: 30%;

Drop Down Menu
Myriad Pro Bold;
12/18pt; Sky Blue: #AEDEE4;

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STYLE GUIDE: HOMEPAGE #2, WIDGET SUMMARY VIEW CONT'D

Widgets (gif objects)
width: 305px;
height: varies;

Widgets (gif objects)
width: 633px;
height: varies;

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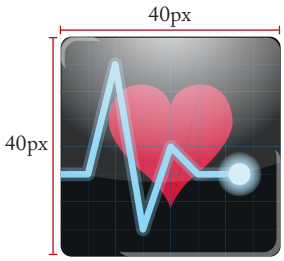
STYLE GUIDE: THE WIDGET DOCK

Widget Icons (gif objects)
width: 40px;
height: 40px;

Widget Title
Myriad Pro Italic;
11/13pt; Gray: #666666;



Dimension In Home Page
width: 40px;
height: 40px;

Dimension In Dock
width: 20px;
height: 20px;

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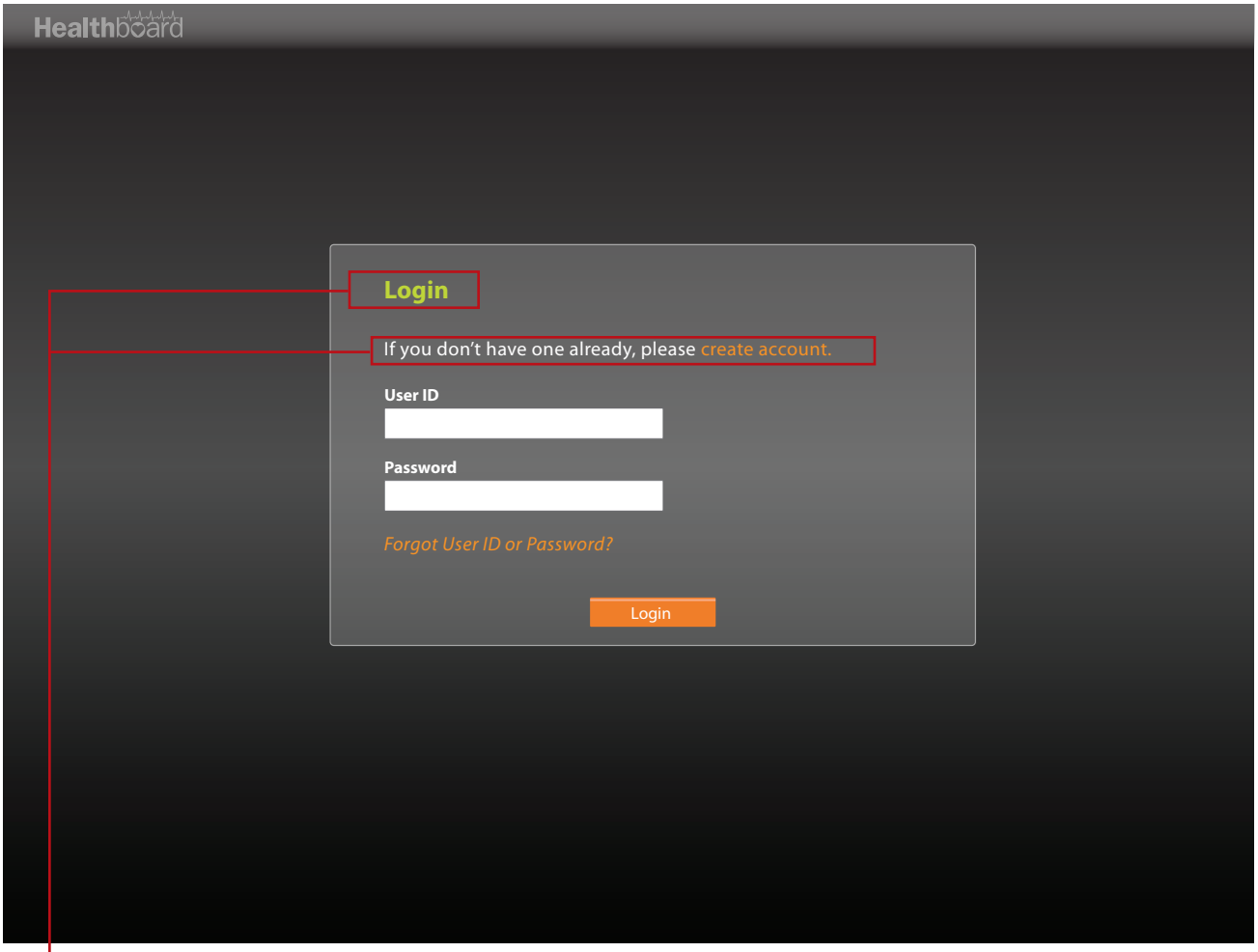
STYLE GUIDE: SETTINGS



Title
Myriad Pro Bold;
24/28pt; Light green: #BED63A;

Text
Helvetica Neue Bold;
16/20pt; White: #FFFFFF;

Helvetica Neue Italic;
16/20pt; Orange: #FF931E;

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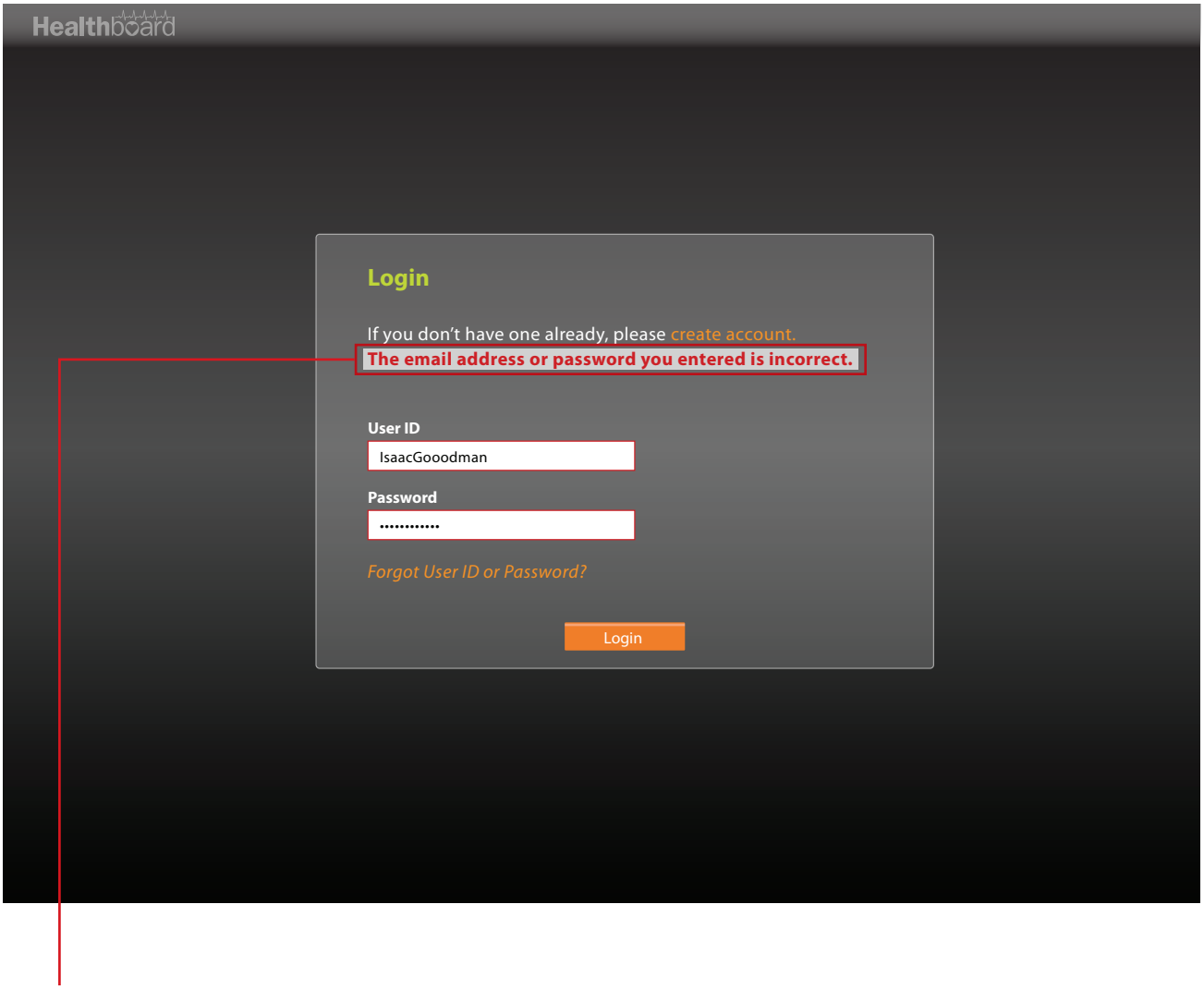
STYLE GUIDE: WARNING



Warning Message
Myriad Pro Bold;
16/20pt; Red: #CC0000;
Background: #D0D0D0;

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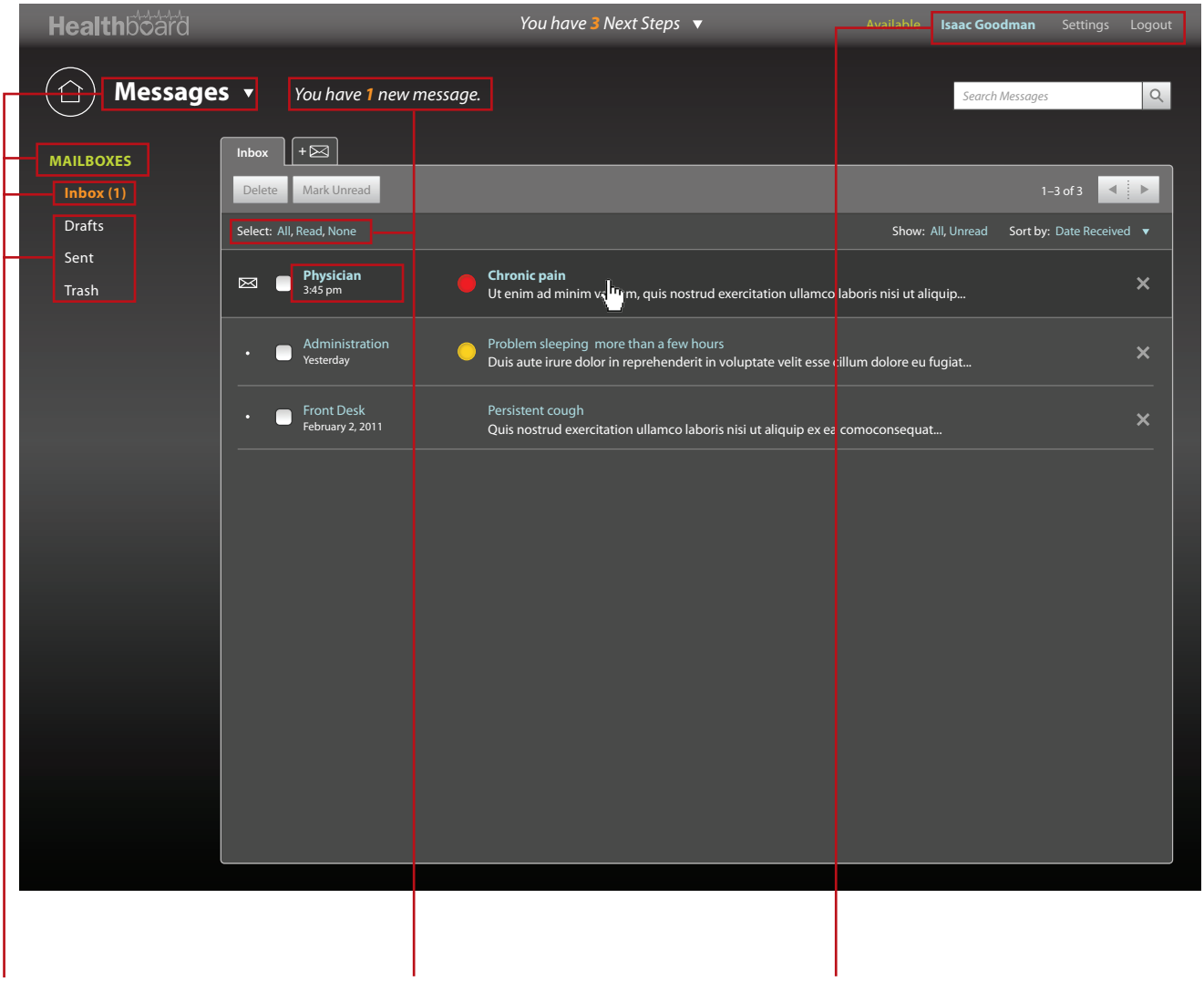
STYLE GUIDE: MEDICAL RECORDS, WIDGET DETAIL VIEW (TEXT-BASED PRESENTATION)



Widget Title
Myriad Pro Bold;
24/28pt; White: #FFFFFF;

Notification
Myriad Pro Italic;
16/20pt; White: #FFFFFF;

User Name
Myriad Pro Bold;
12/14pt; Light blue: #AEDEE4;

List Title
Myriad Pro Bold; 13/28pt;
Light green: #BED63A;

Notification number
Myriad Pro Italic;
16/20pt; Orange: #FF931E;

Logout Link
Myriad Pro Bold;
12/14pt; Light grey: #E6E6E6;

Selected item in the list
Myriad Pro Bold;
13/28pt; Orange: #FF931E;

Option title
Myriad Pro Regular;
11/13pt; White: #FFFFFF;

Unselected item in the list
Myriad Pro Regular;
13/28pt; White: #FFFFFF;

Option link
Myriad Pro Regular;
11/13pt; Light blue: #AEDEE4;

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STYLE GUIDE: MEDICAL RECORDS, WIDGET DETAIL VIEW (GRAPH-BASED PRESENTATION)

Button Text
Myriad Pro Regular;
12/14pt; White: #4D4D4D;

Reference Text
Helvetica Neue Italic;
10/12pt; White: #FFFFFF;

Tracker Title
Myriad Pro Bold;
13/24pt; Light green: #BED63A;

Tracker Data
Myriad Pro Bold;
36/21pt; Orange: #FFB03B;

Tracker Unit
Myriad Pro Regular;
13/17pt; White: #FFFFFF;

Data Entry Date
Myriad Pro Regular;
13/17pt; Grey: #CCCCCC;

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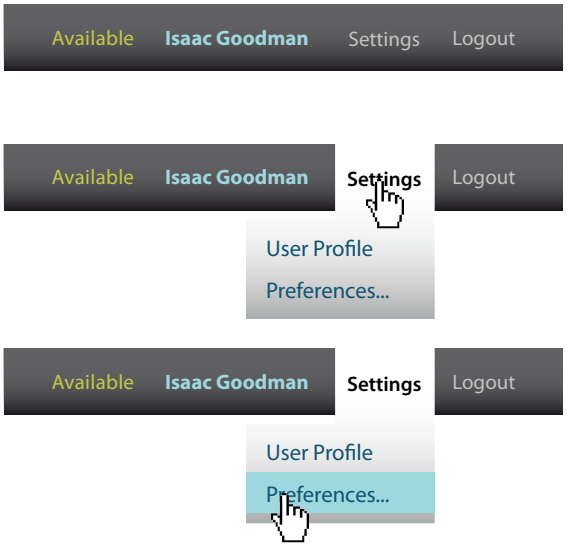
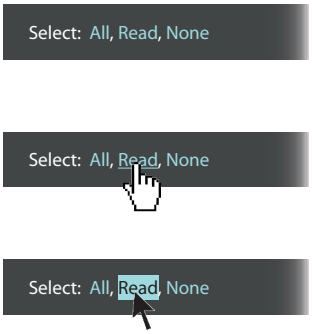
DROP-DOWN MENU STYLES



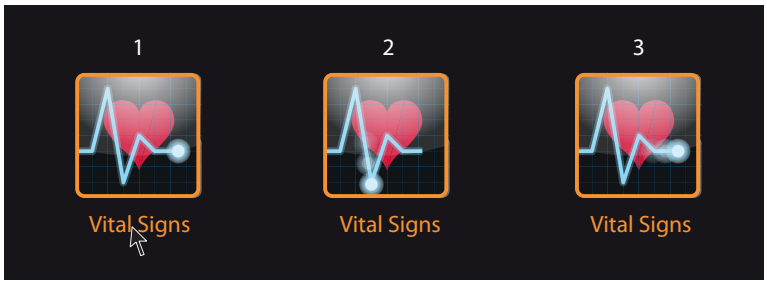
OTHER MENU STYLES



BUTTON STYLES

This screen shows link, hover and clicked modes of a button. When the user hovers on a button, the button animates and gets high-lighted. When clicked, the button changes its color.

BUTTON ANIMATION EXAMPLE



This screen shows an example of how a button animates when the user hovers on a button.

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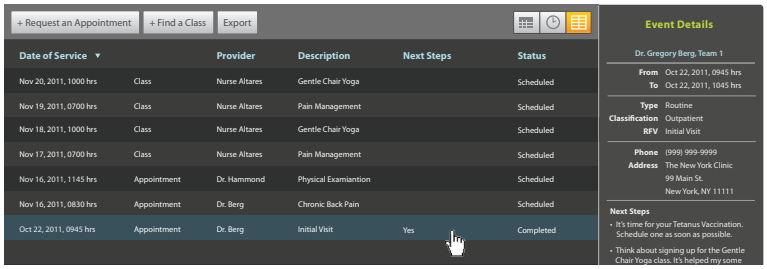
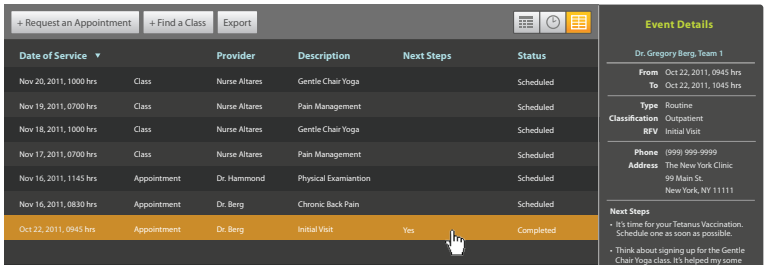
HOVER



Hover
Dull-blue: #35535E;

SELECTED



Selected
Orange: #FF931E;

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Homepage

INTRODUCTION This section of the Detailed GUI Volume documents the design of the Patient Portal's *Homepage* for the Visual Dashboard for a Patient Centered Medical Home (PCMH). The documentation includes both workflow diagrams and visual models: the workflow diagrams detail the user experience and interactions within this module, and the visual models present graphic assets and elements within this module.

The following are high-level objectives for *Homepage*:

- To facilitate user interaction for navigating activated modules through two different views which the user can choose: Button View and Widget View.
- To allow the user to activate/deactivate modules and configure the screen layout.
- To provide utilities which the user can access and/or update account, profile, options, etc.

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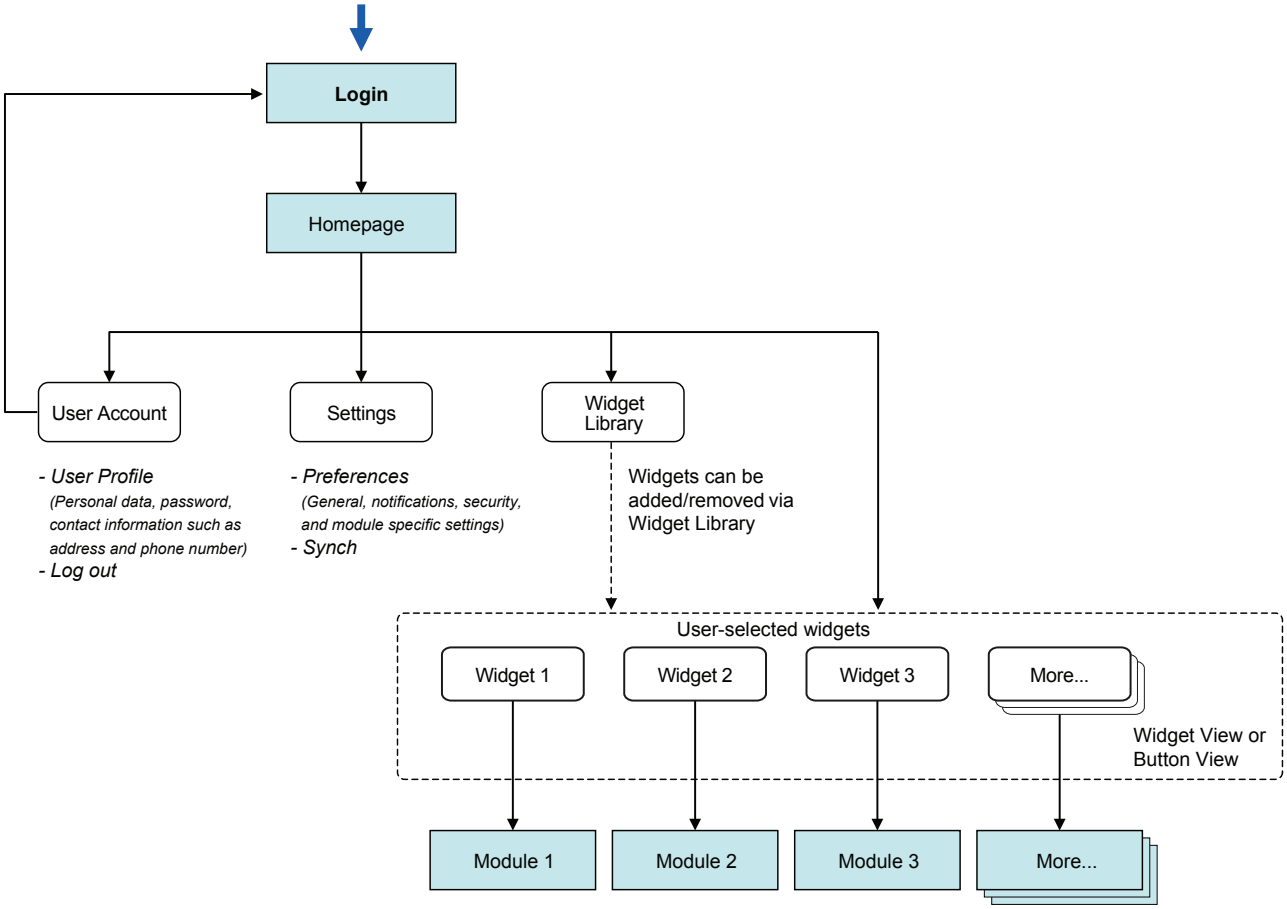
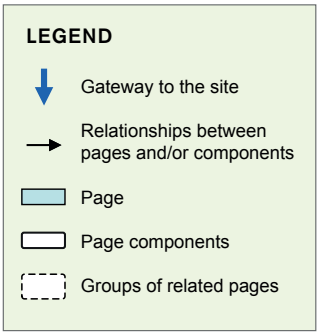
FLOWCHART FOR HOMEPAGE





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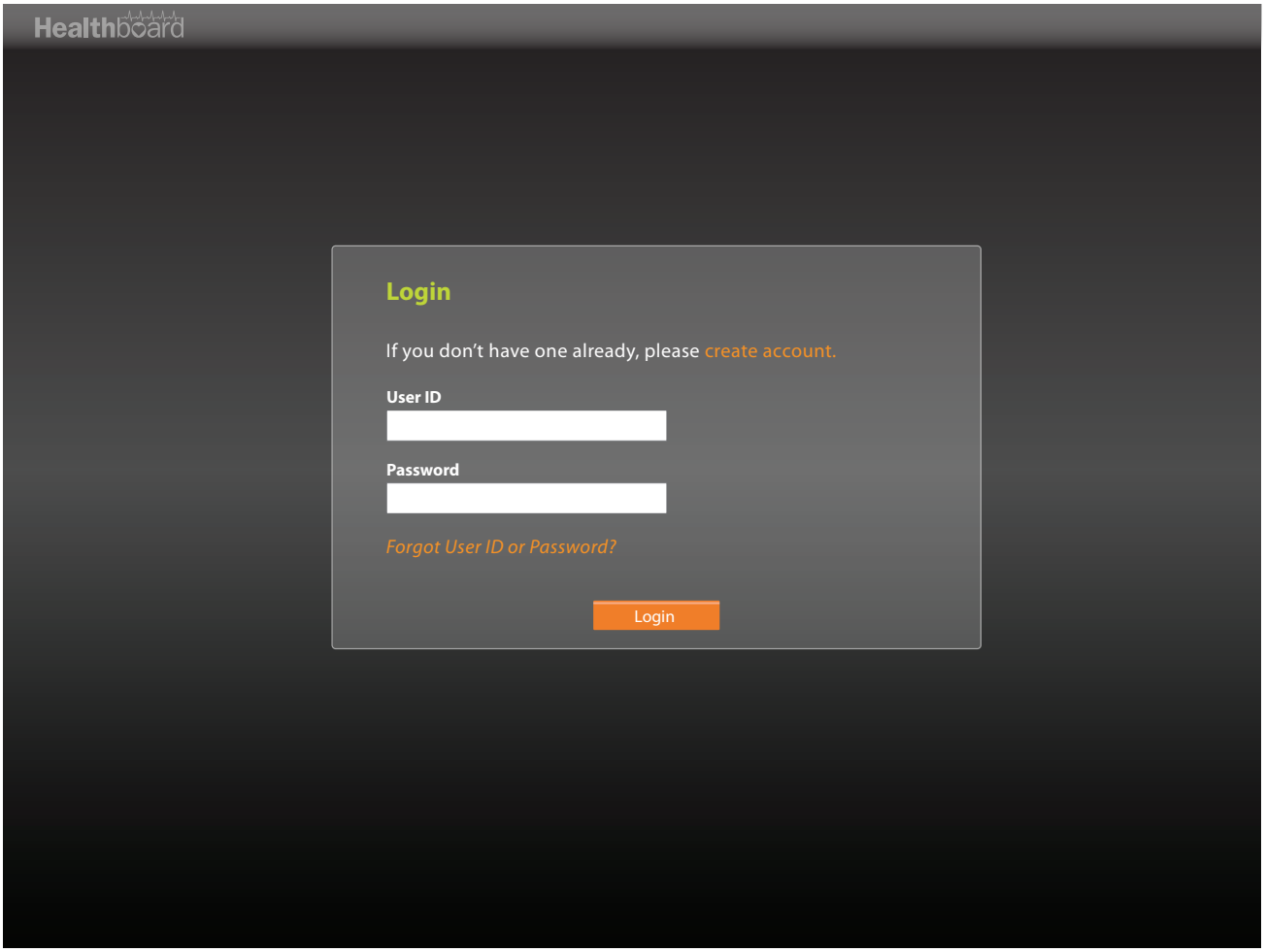
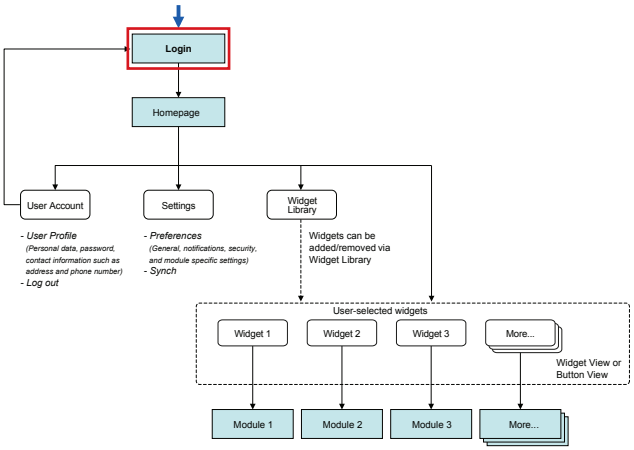
HOMEPAGE: USER LOGIN



The user clicks Login link on the top right. A login window appears for the user to enter his/her user ID and password. If the user has not created an account yet, the user can click "create account" link to set up an account.



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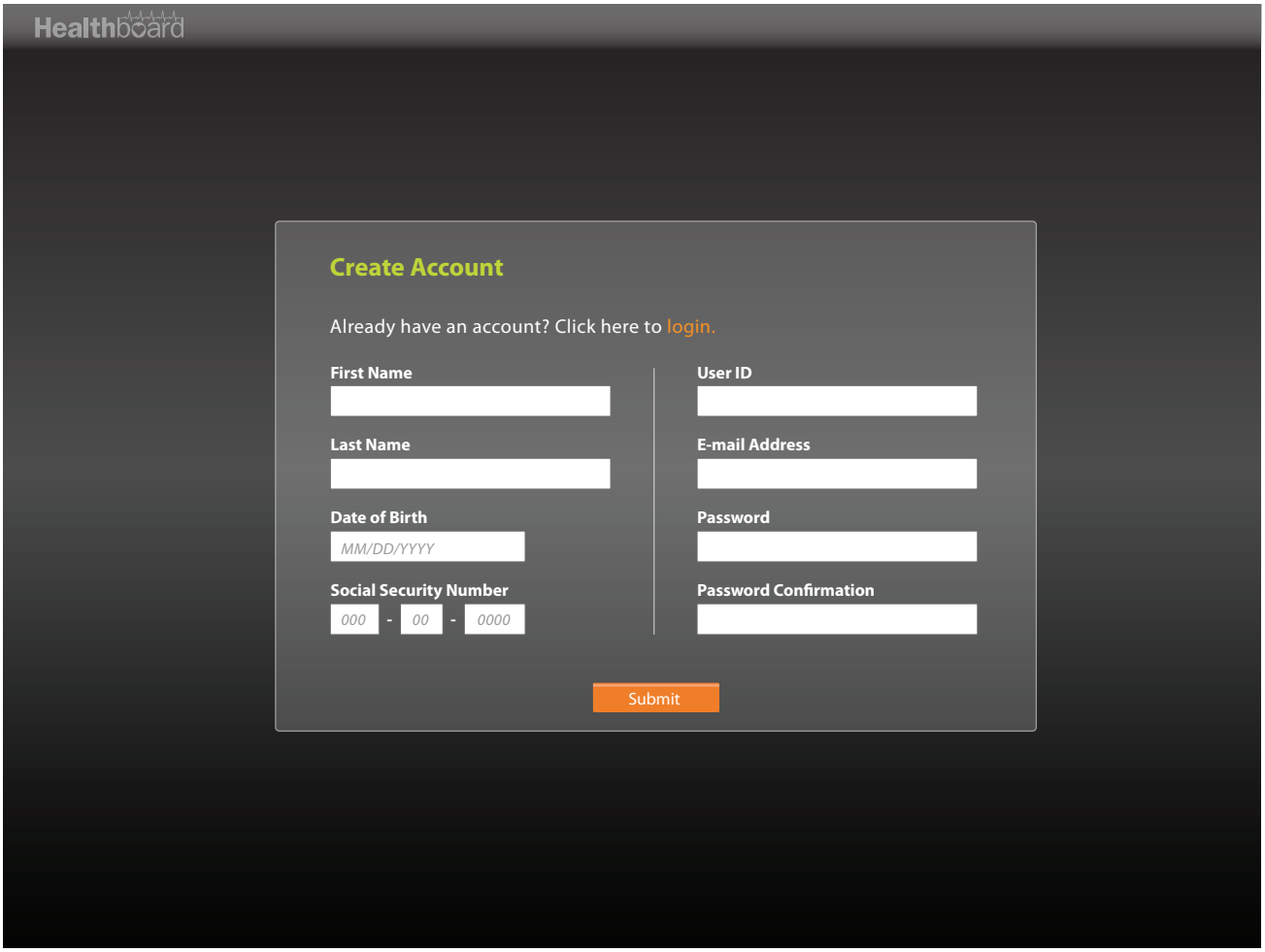
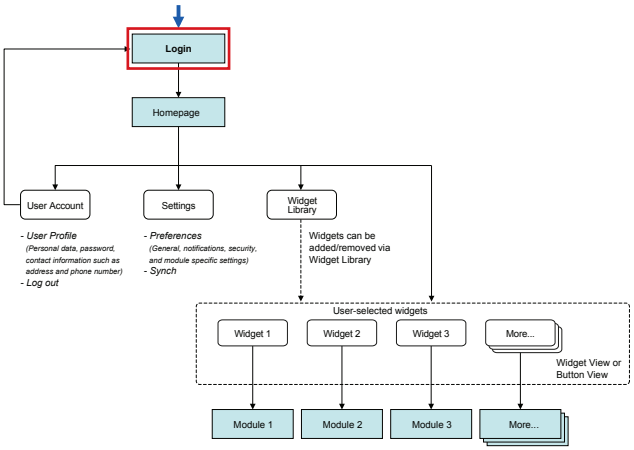
HOMEPAGE: CREATE ACCOUNT



In this screen the user can enter his/her information to set up an account. The required fields are: first name; last name, date of birth, social security number; user ID; e-mail address; and password.



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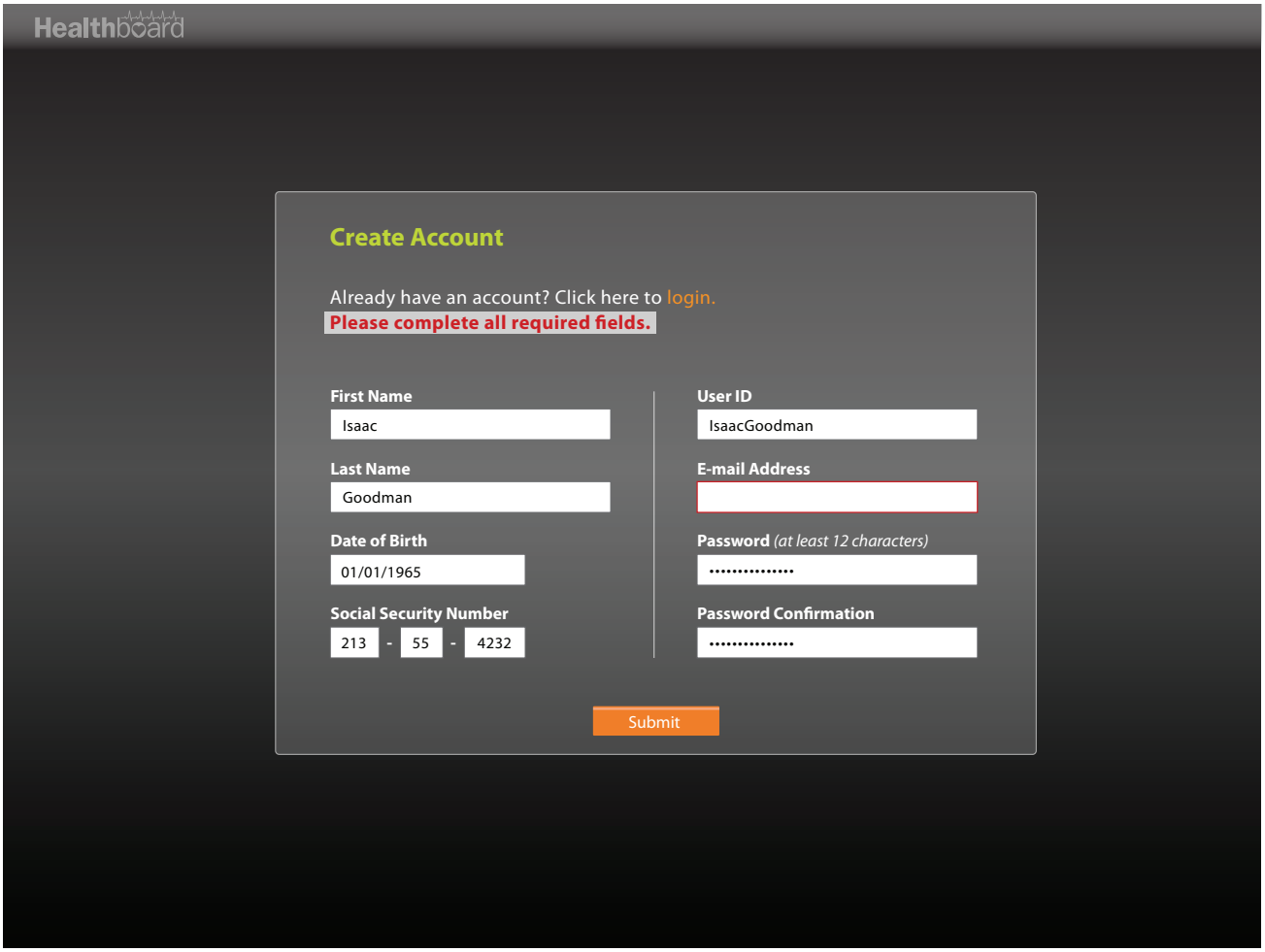
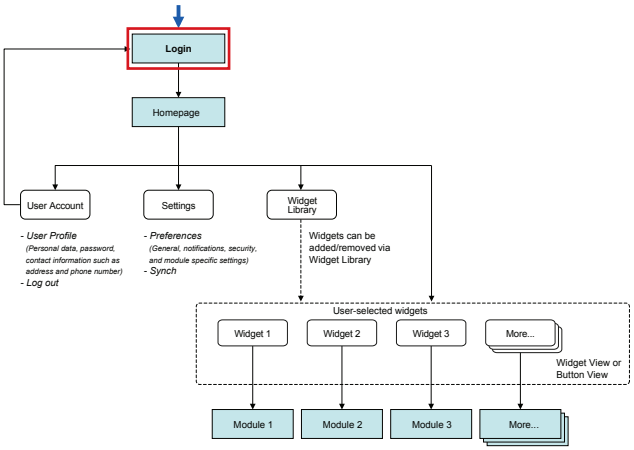
HOMEPAGE: CREATE ACCOUNT — ERROR MESSAGE



This screen shows an error message when there is a missing information in the required fields.



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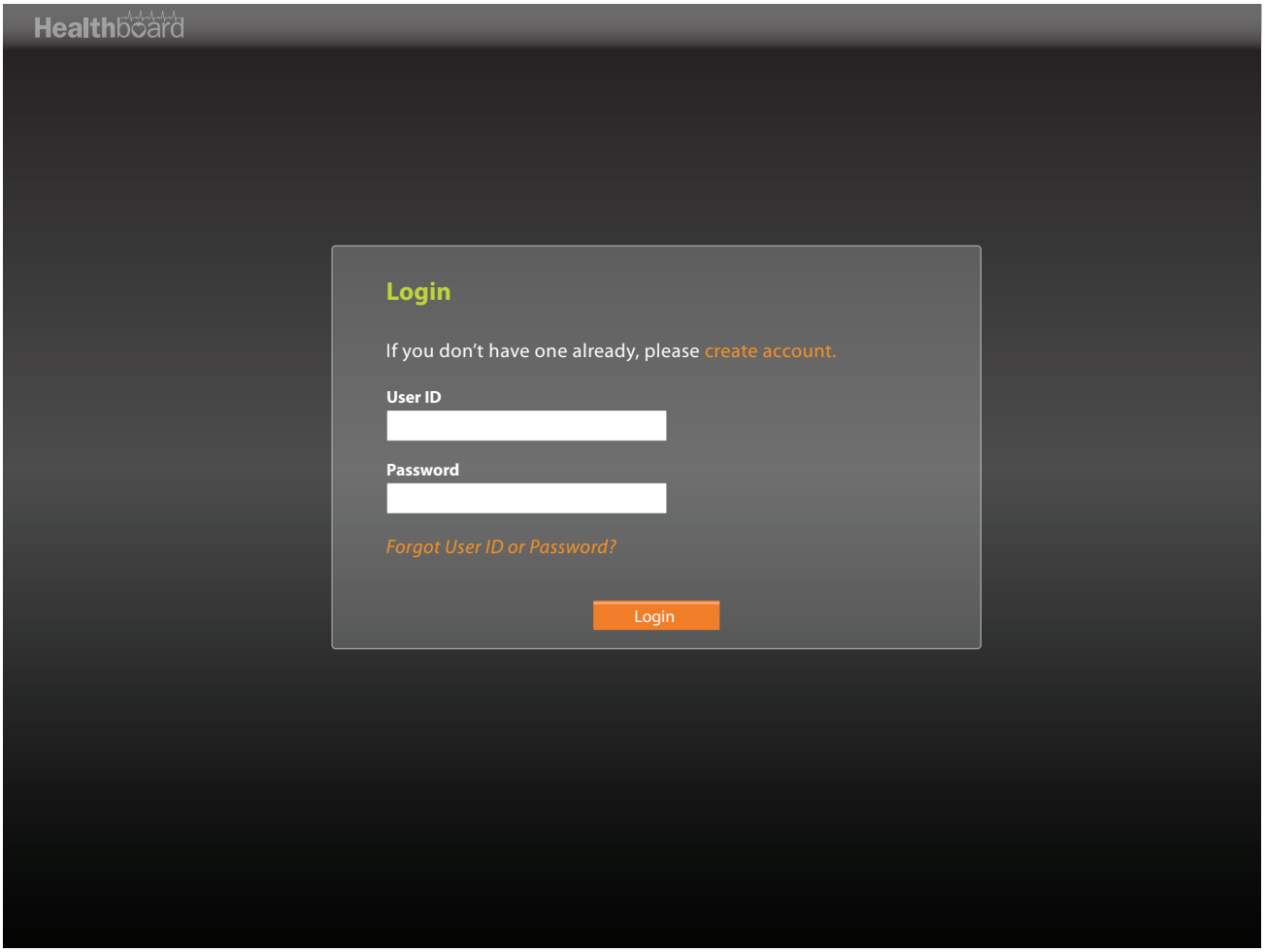
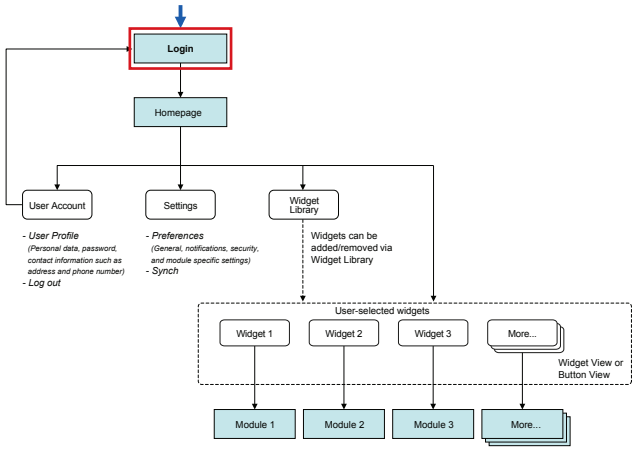
HOMEPAGE: USER LOGIN



The user returns to the login window.



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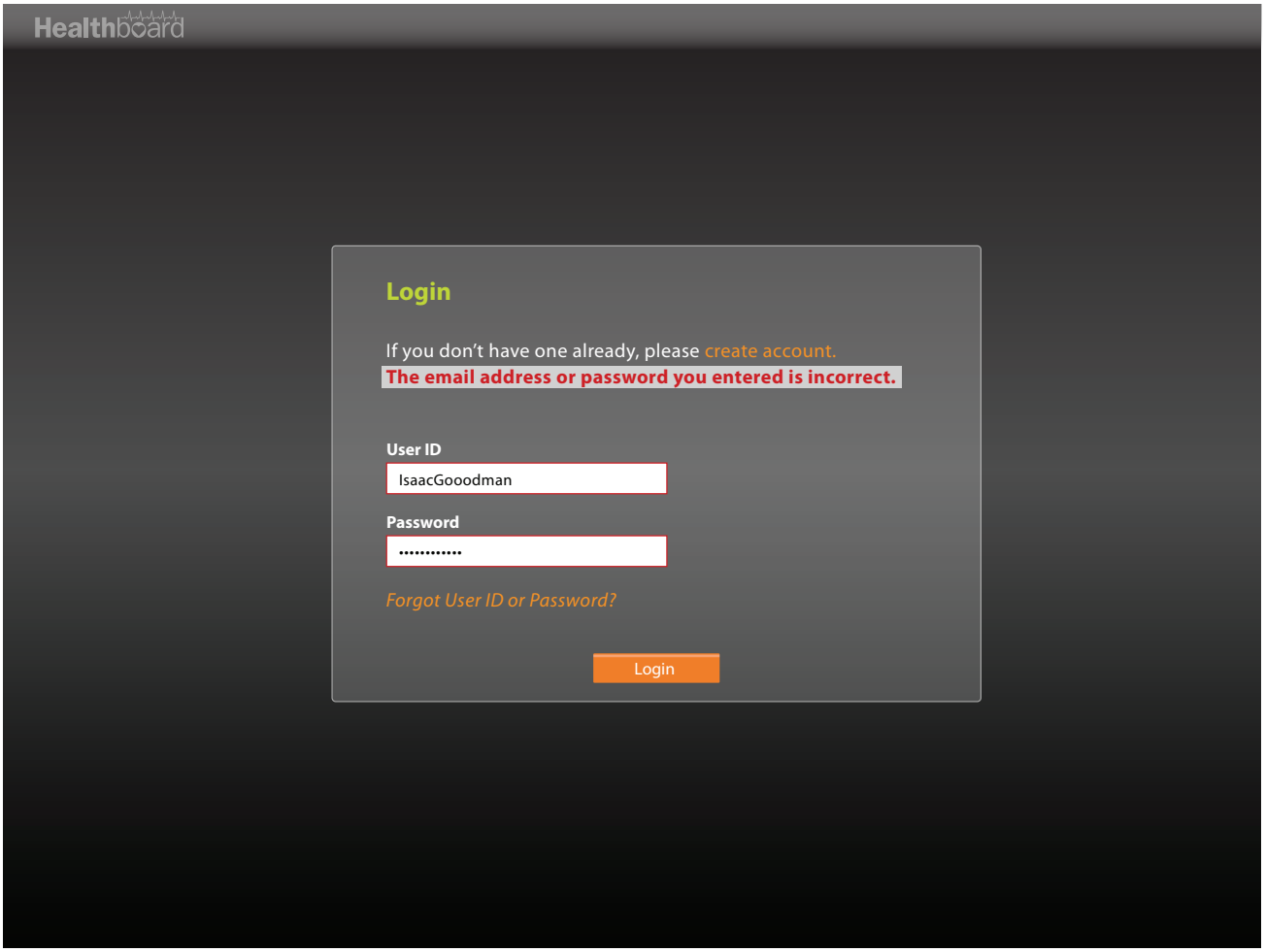
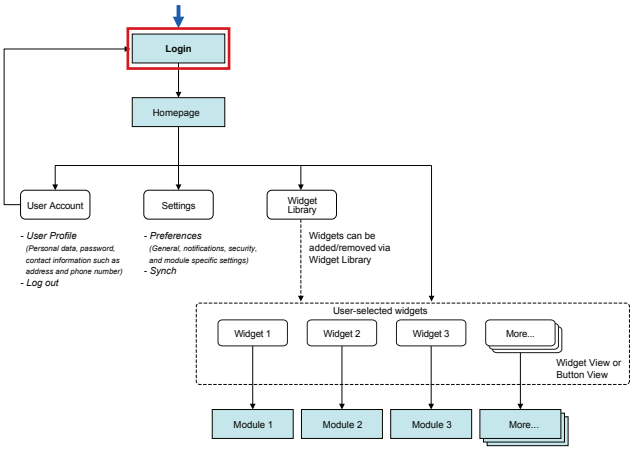
HOMEPAGE: USER LOGIN — ERROR MESSAGE



The error message appears when the user ID and password do not match.



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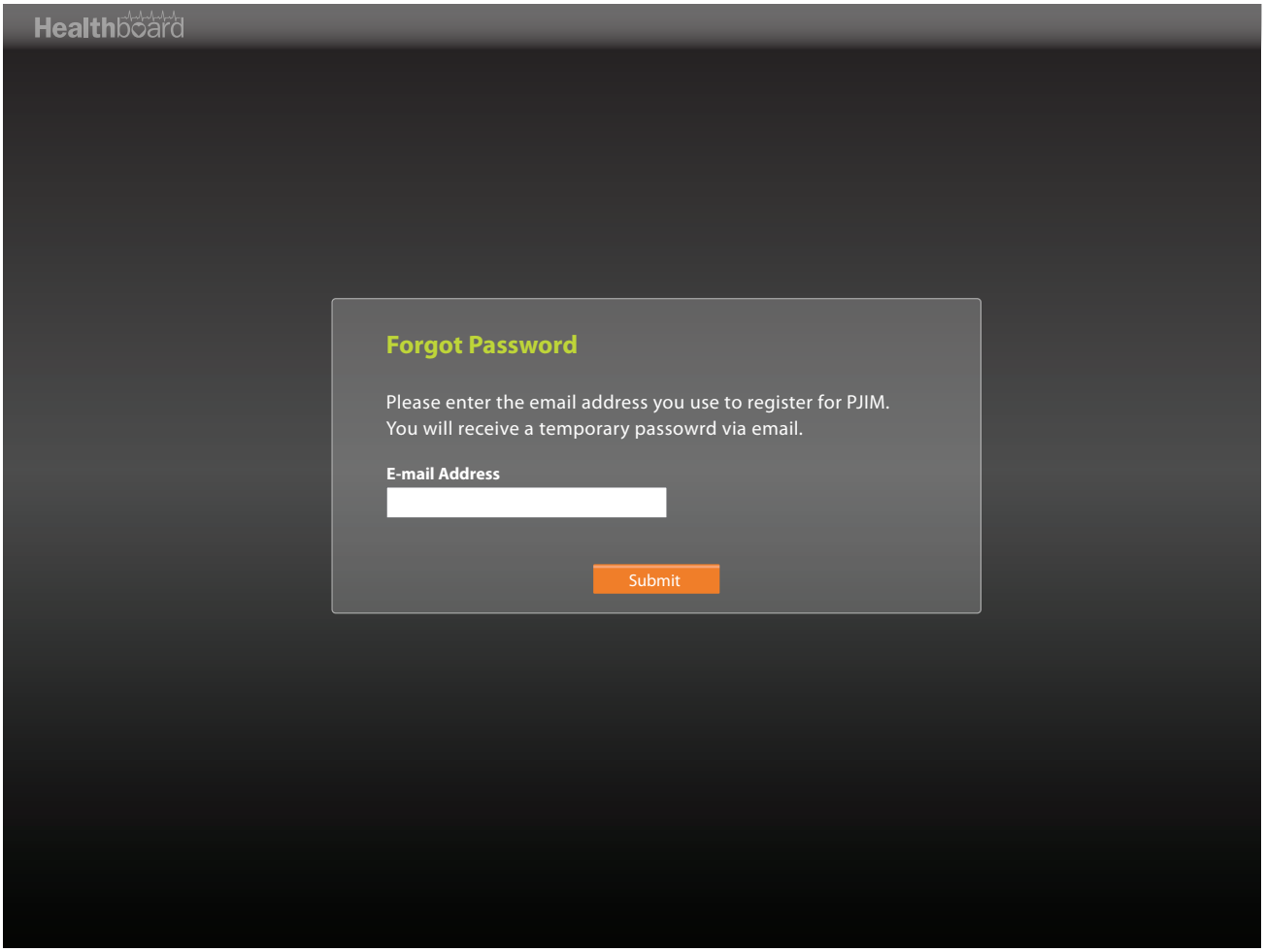
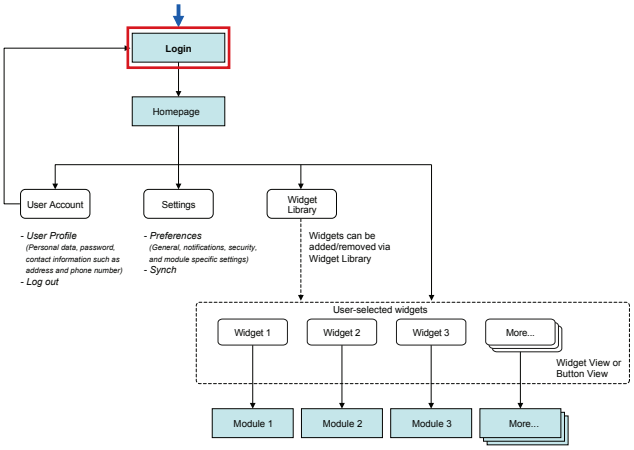
HOMEPAGE: FORGOT PASSWORD



The user has forgotten the password, the user can click the link "forgot password" to receive the temporary password to access. Here the user can enter his e-mail address.



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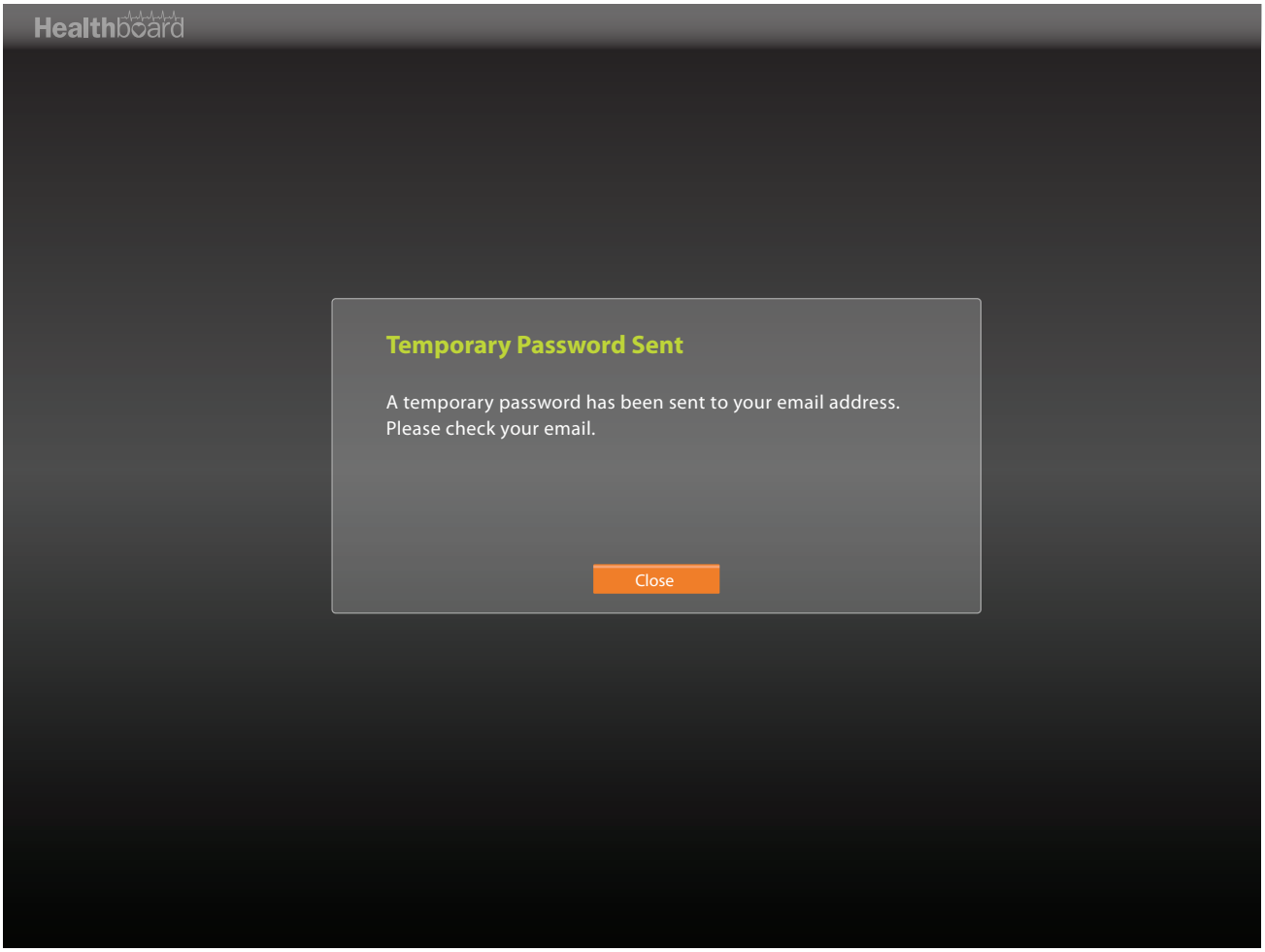
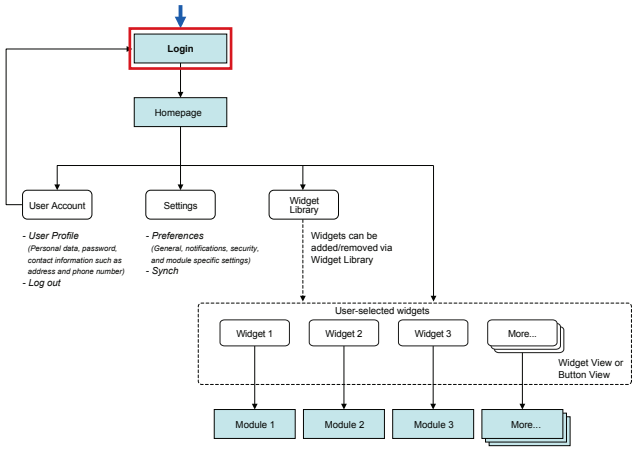
HOMEPAGE: TEMPORARY PASSWORD



Once the user submits his registered e-mail address, the system sends the user a temporary password.



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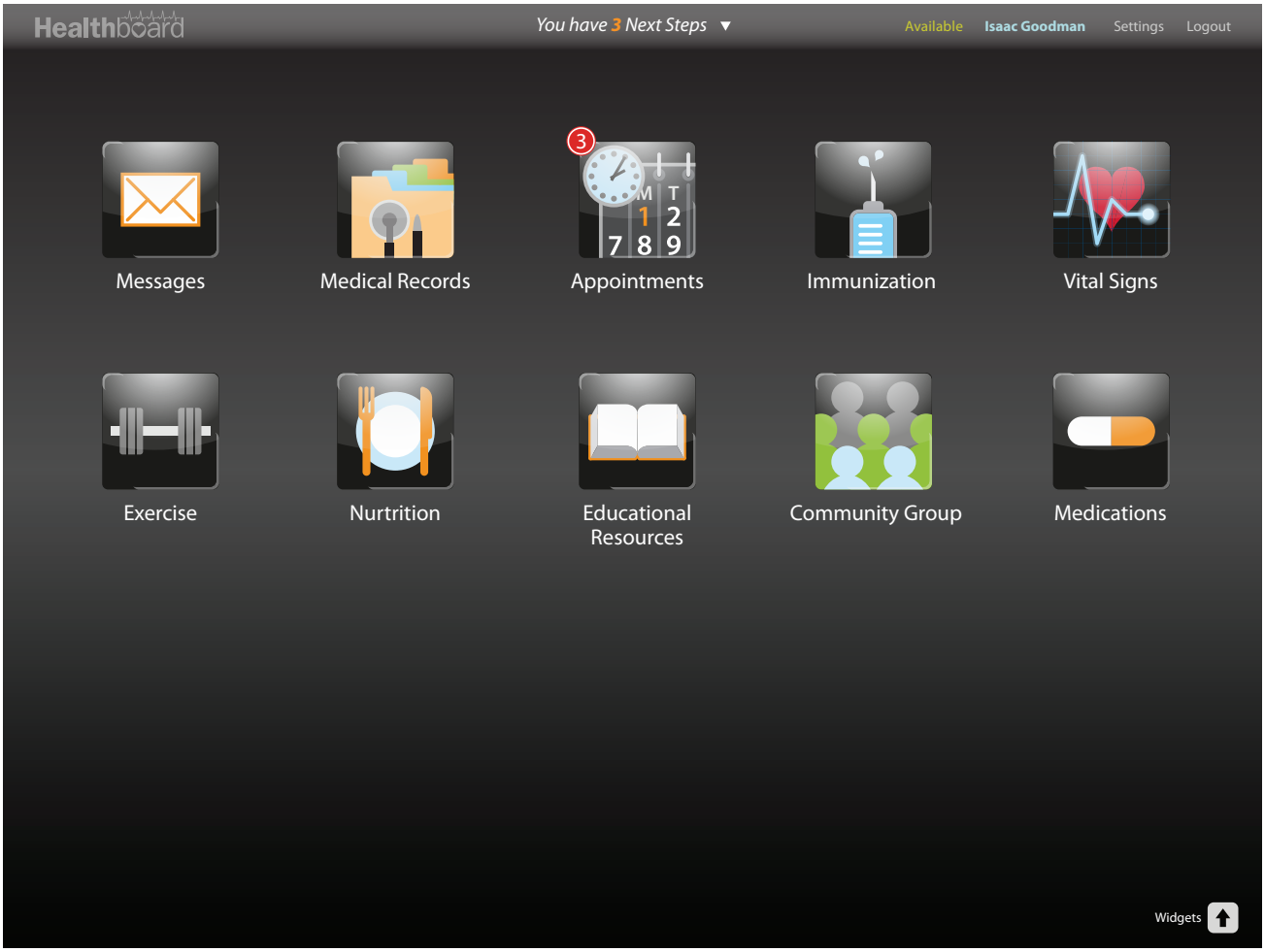
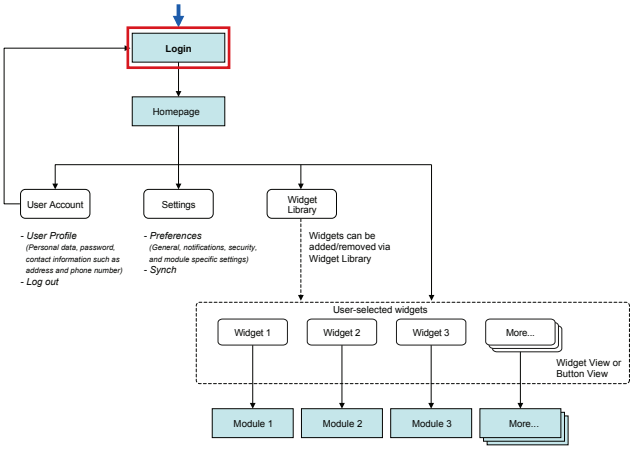
HOMEPAGE: USER LOGGED IN



The user has logged in to his/her account. The user's name appears on the top right. Notice the number 3 in red circle on the top left of *Appointments* button. The number indicates that the user has three upcoming appointments.



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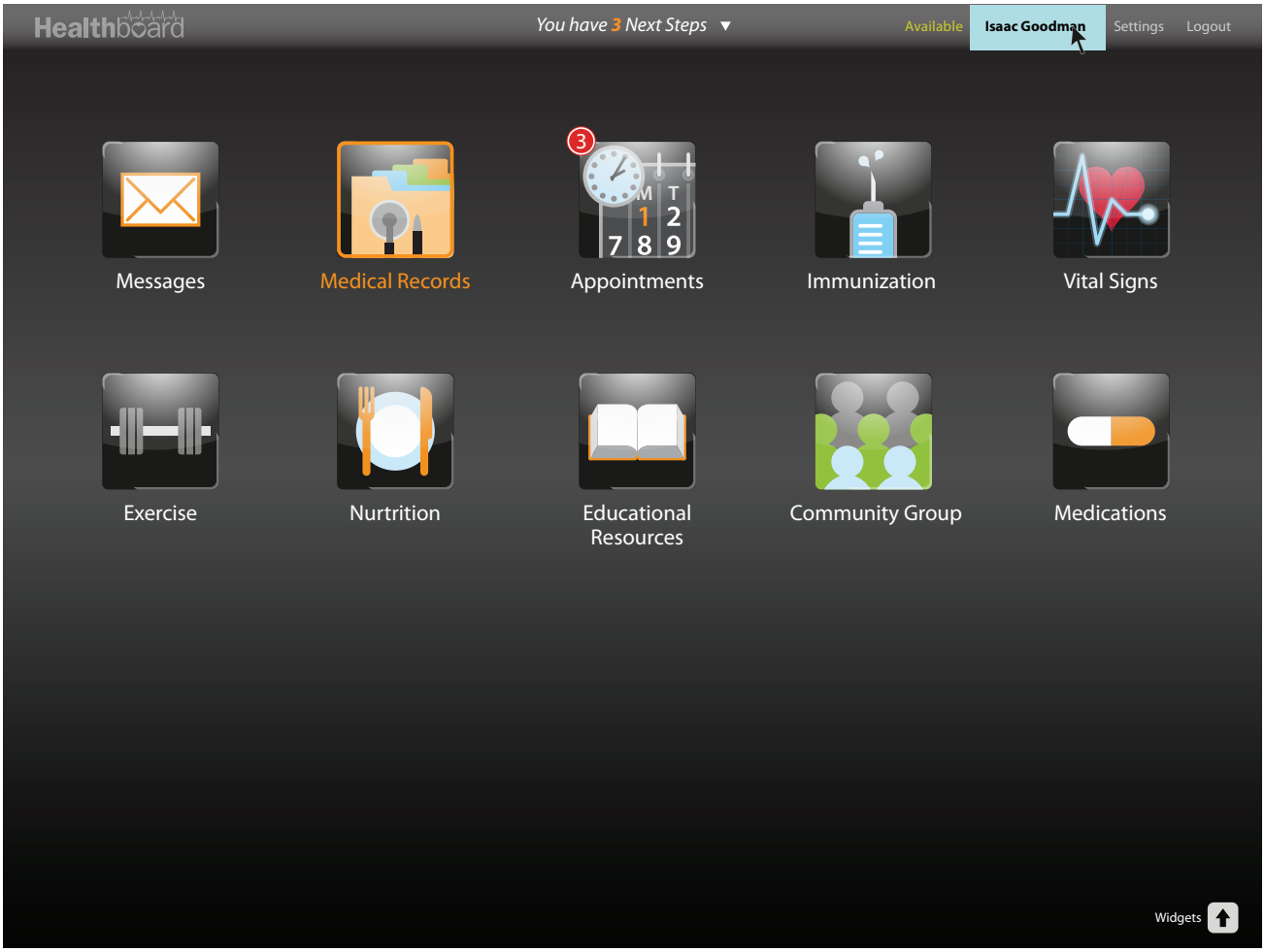
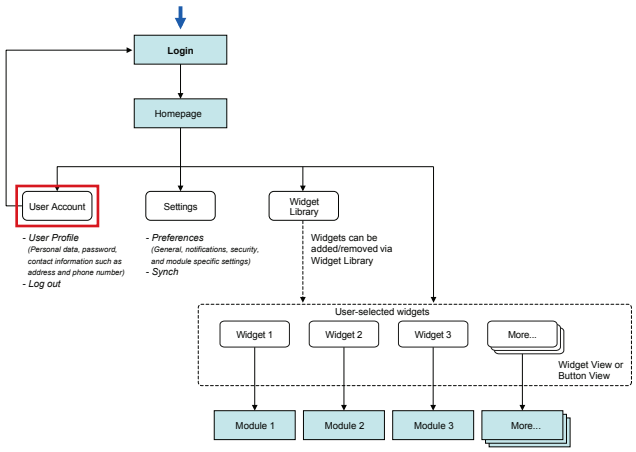
HOMEPAGE: WIDGETS VIEW



The user can view and edit his/her profile. The user selects *User Profile* option from a drop-down menu on the top right.



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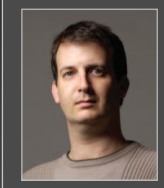
HOMEPAGE: WIDGETS VIEW

Healthboard | You have 3 Next Steps ▼ | Available | Isaac Goodman | Settings | Logout

User Profile



change profile picture

Isaac Goodman

SSN: 213-55-4232
FMP/Sponsor SSN: 213-55-4232
DOB: 01/01/1965
Age: 46 Years
Sex: Male

Security

Password: **********
Password Confirmation: **********
Security Question: What is the name of your first pet?
Answer for Security Question: Bruno
E-mail Address: isaac.goodman@healthboard.net

Address

Street 1: 123 4th Avenue
Street 2:
City: New York
State/Province: NY
ZIP/Postal Code: 56789

Emergency Contact

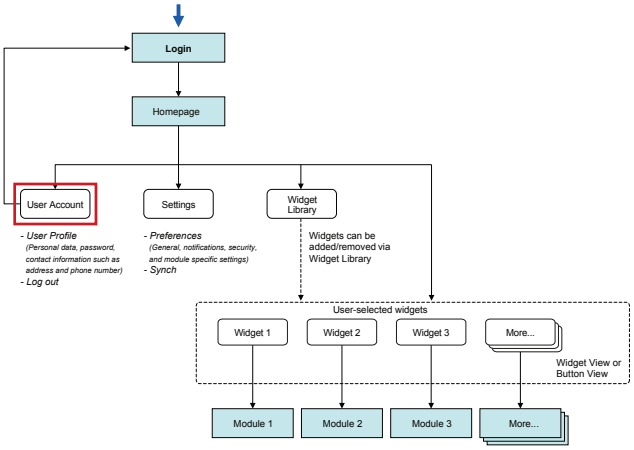
Name: Chloe Goodman
Relation: Spouse
Emergency Phone 1: 212-123-4567
Emergency Phone 2: 212-123-7890

Phone Number

Work: 212 -123-4567 ex. 123
Home: 212 -123-4567
Mobile: 212 -123-4567

Edit

In this screen the user can edit his/her profile data. The can update his/her personal information by clicking "Edit" button to switch to data entry mode.



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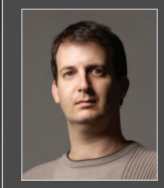
HOMEPAGE: WIDGETS VIEW

Healthboard | You have 3 Next Steps ▼ | Available | Isaac Goodman | Settings | Logout

User Profile



change profile picture

Isaac Goodman

SSN: 213-55-4232
FMP/Sponsor SSN: 213-55-4232
DOB: 01/01/1965
Age: 46 Years
Sex: Male

Security

Password: **********
Password Confirmation: **********
Security Question: What is the name of your first pet?
Answer for Security Question: Bruno
E-mail Address: isaac.goodman@healthboard.net

Address

Street 1: 123 4th Avenue
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City: New York
State/Province: NY
ZIP/Postal Code: 56789

Emergency Contact

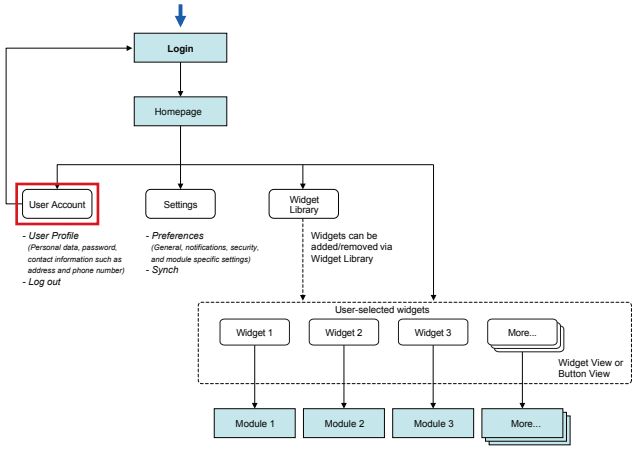
Name: Chloe Goodman
Relation: Spouse
Emergency Phone 1: 212-123-4567
Emergency Phone 2: 212-123-4567

Phone Number

Work: 212-123-4567 ex. 0987
Home: 212-123-4567
Mobile: 212-123-4567

Save | Cancel

The screen switches to editing mode. Once the user is done with updating his/her information, the user clicks "Save" button.



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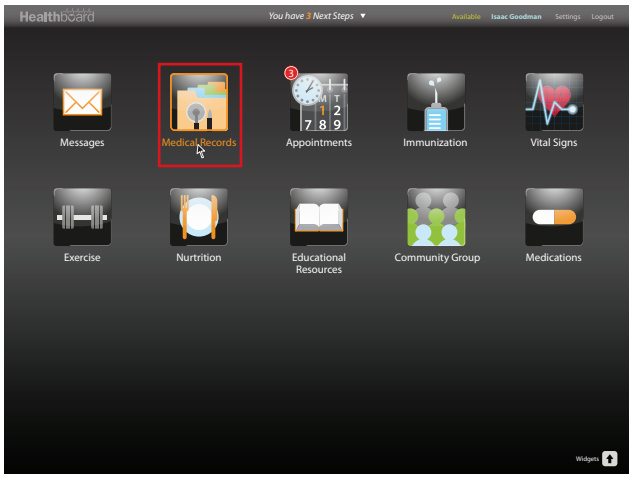
HOMEPAGE: REORDERING BUTTONS

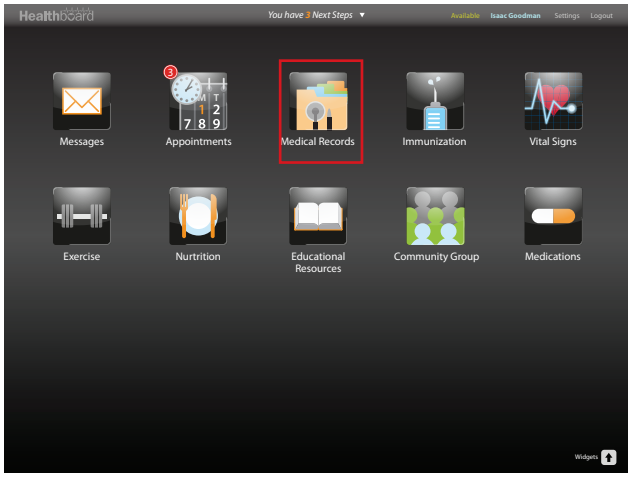
1



These screens show how the user can reorder buttons. The user can click and drag the button to the desired location.

2

3



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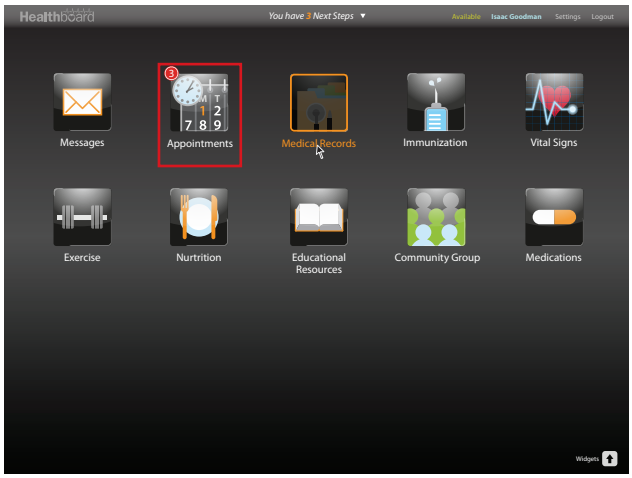
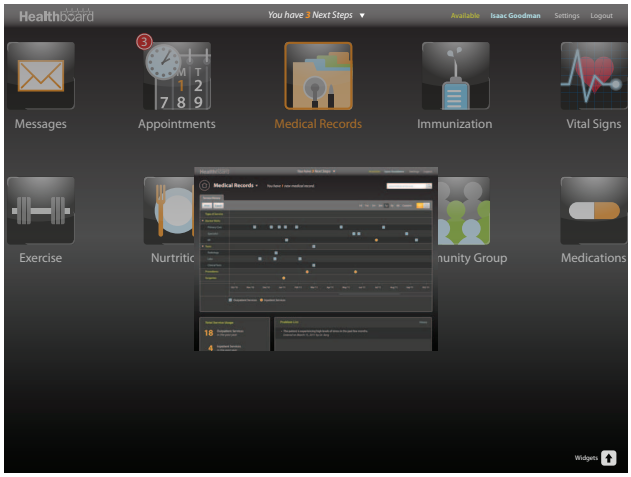
HOMEPAGE: SCREEN TRANSITION

1

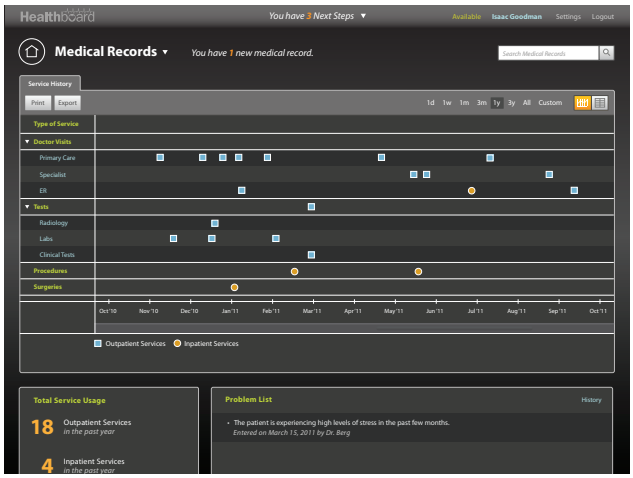


2



3

4



These screens show the transition from the homepage to the landing screen of *Medical Records* module.

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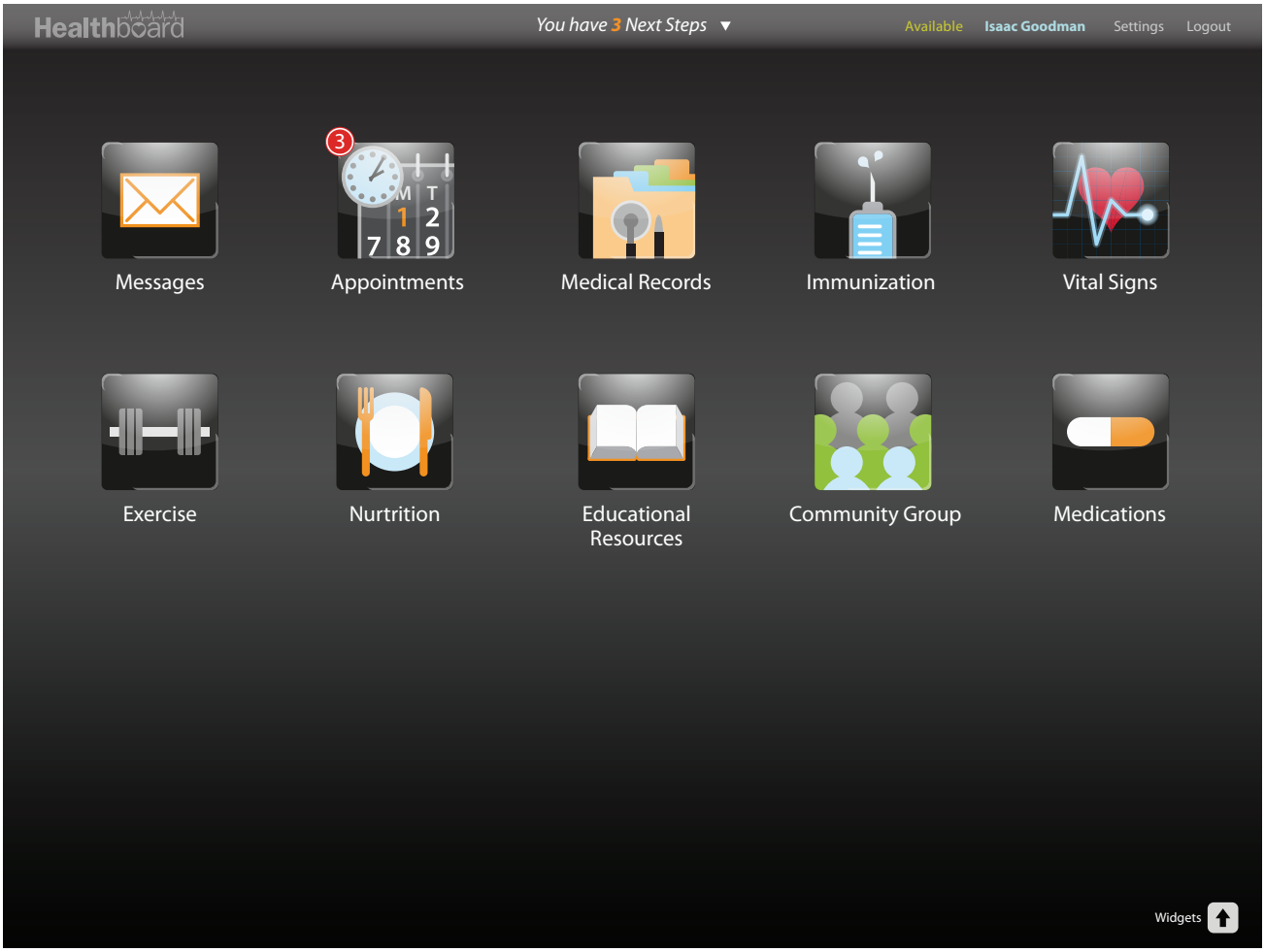
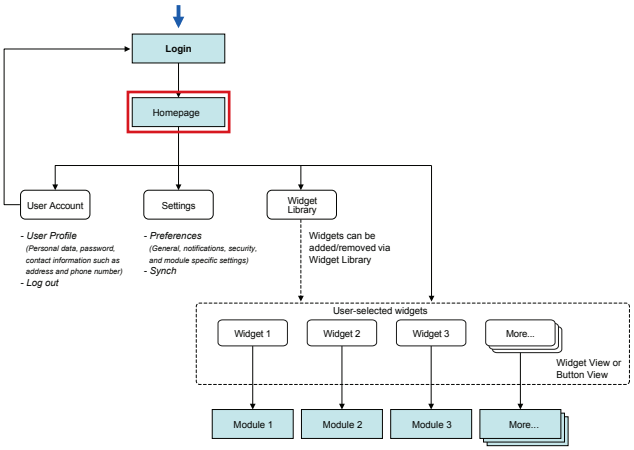
HOMEPAGE: NEXT STEPS



Next Steps reminds the user of what the provider recommended him to do and follow up. It is located at the center of the top bar.



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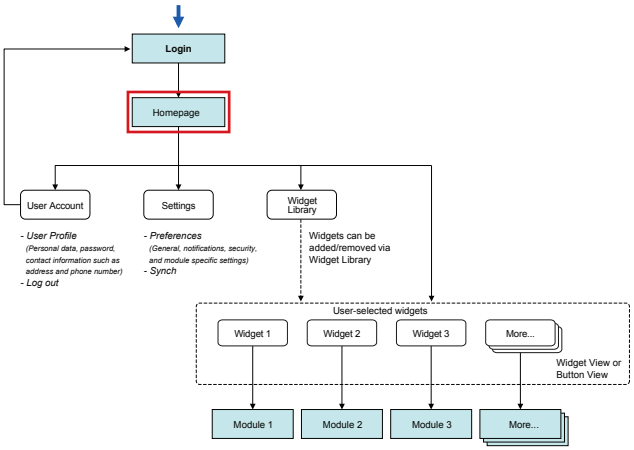
HOMEPAGE: NEXT STEPS

Healthboard
You have 3 Next Steps
Available Isaac Goodman Settings Logout
What's this? View: In Progress All

Urgency	Assigned On	Next Steps	Assignee	Status
	11/23/2011	Limit alcohol intake; 2 drinks a week maximum	Dr. Berg	In progress
	11/23/2011	Take Gentle Chair Yoga Class	Dr. Berg	In progress
	10/15/2011	Make a follow-up appointment in 2 weeks	Dr. Berg	In progress

Messages
Vital Signs
Exercise
Nurtrition
Educational Resources
Community Group
Medications
Widgets

The user selects the drop down menu on the center top, where he can view and edit his *Next Steps*. By default, only the *Next Steps* assignments in progress are shown.



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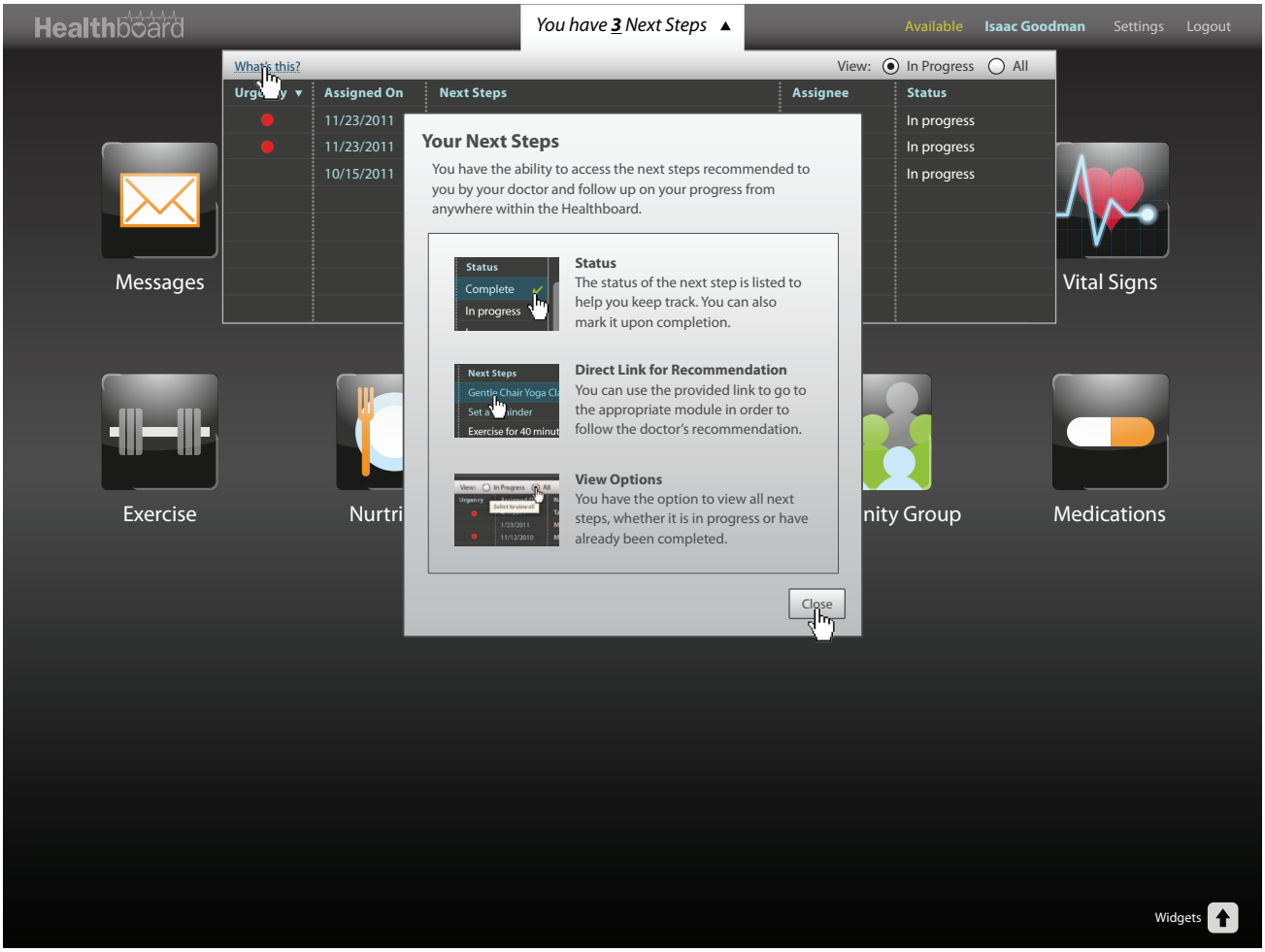
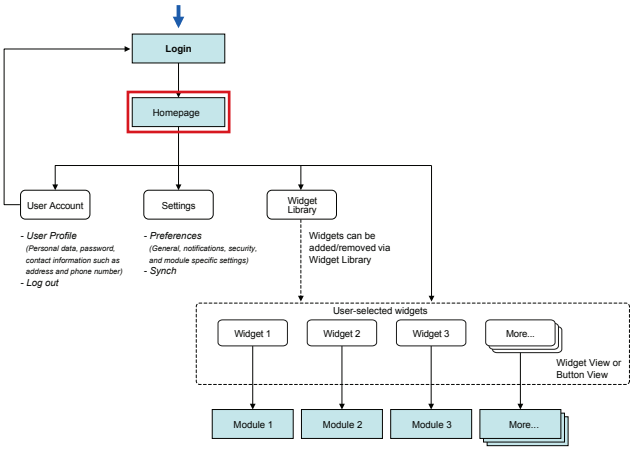
HOMEPAGE: NEXT STEPS



The link "What's this?" is located at the left top side of the drop down menu. It provides the user with basic information about *Next Steps*, including general information on what it is and details on view options for statuses.



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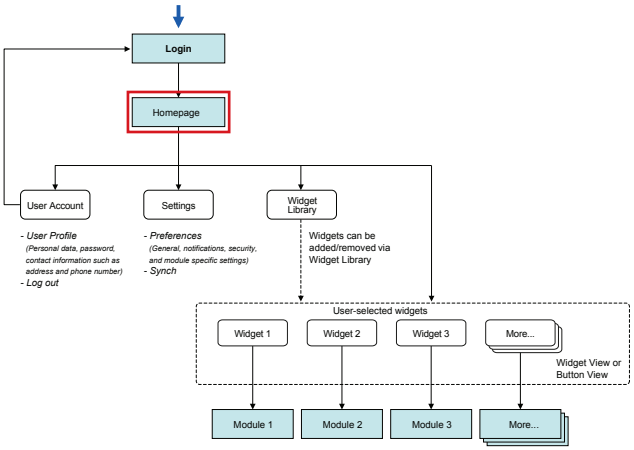
HOMEPAGE: NEXT STEPS

When the user hovers over a *Next Steps* assignment's row, a check mark and an "x" mark appears. A tooltip appears with details when the user hovers over each icon.

In this instance, it informs the user to "Click to mark as removed."



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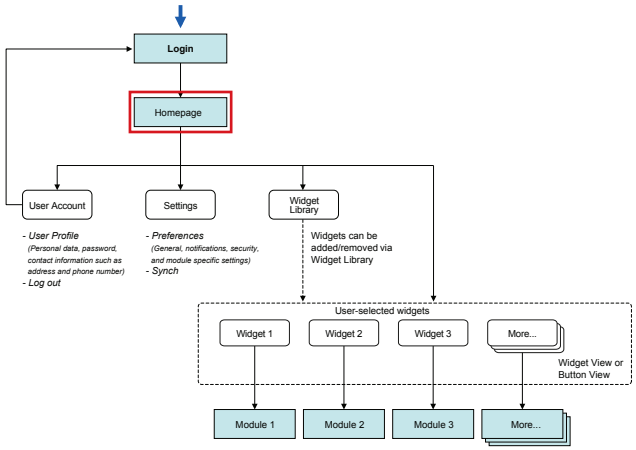
HOMEPAGE: NEXT STEPS

When the user hovers over the check mark, a tooltip appears and informs the user to "Click to mark as complete."



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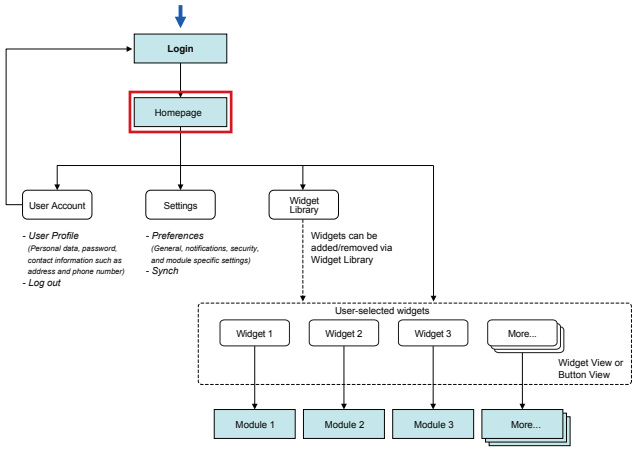
HOMEPAGE: NEXT STEPS

The user can click each icon to change the status of assigned *Next Step*. When the user clicks the icon, the status of the selected *Next Step* changes and the icon changes color.



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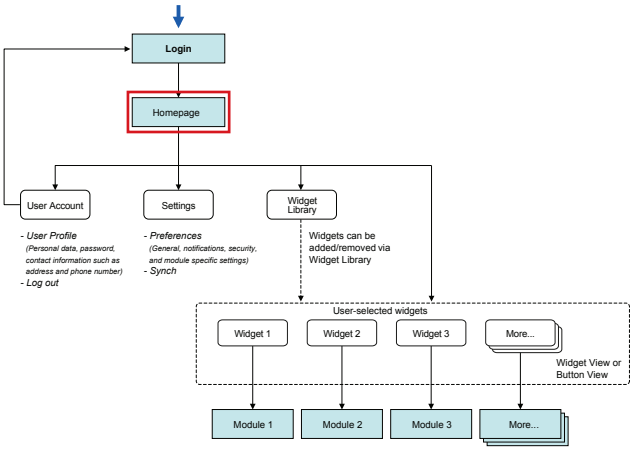
HOMEPAGE: NEXT STEPS

Healthboard
You have 3 Next Steps
Available Isaac Goodman Settings Logout
What's this? View: In Progress All

Urgency	Assigned On	Next Steps	Assignee	Status
	11/23/2011	Limit alcohol intake; 2 drinks a week maximum	Dr. Berg	Complete
	11/23/2011	Take Gentle Chair Yoga Class	Dr. Berg	In progress
	10/15/2011	Make a follow-up appointment in 2 weeks	Dr. Berg	In progress

Messages
Vital Signs
Exercise
Nurtrition
Educational Resources
Community Group
Medications
Widgets

The completed *Next Steps* assignment disappears, fading from the drop down menu.



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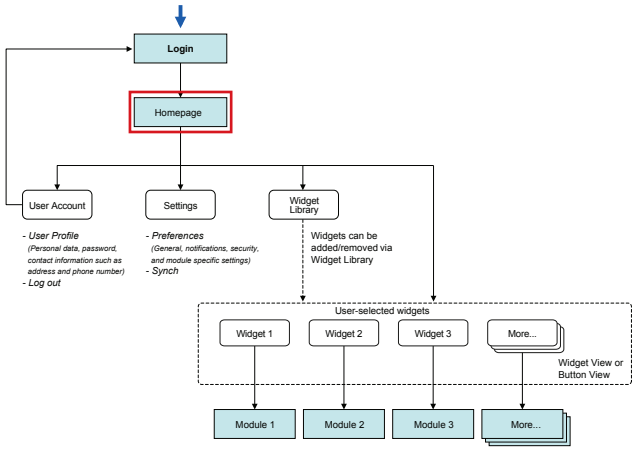
HOMEPAGE: NEXT STEPS

The completed assignment is removed from the menu.



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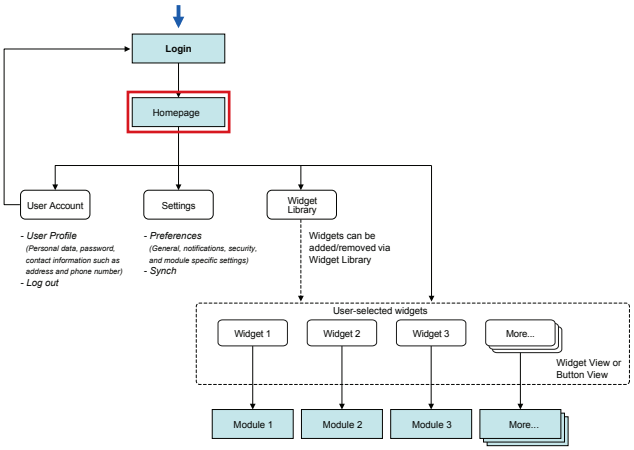
HOMEPAGE: NEXT STEPS

When the patient hovers over the view option "All" button, a tooltip appears. The user can click it to view all *Next Steps*, including past assignments.



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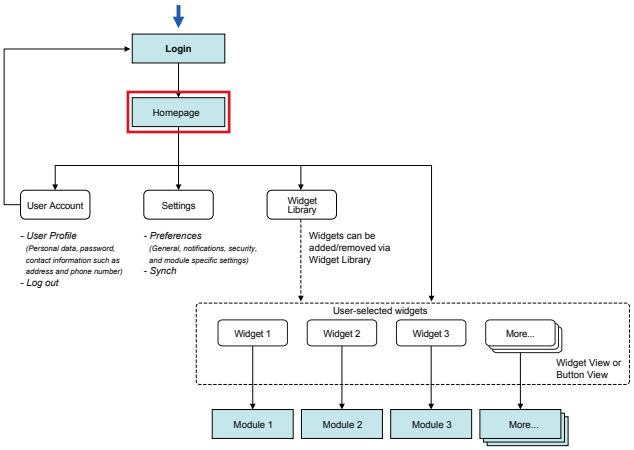
HOMEPAGE: NEXT STEPS

As the user clicks the button, the list expands to include past *Next Steps* appears on the menu.



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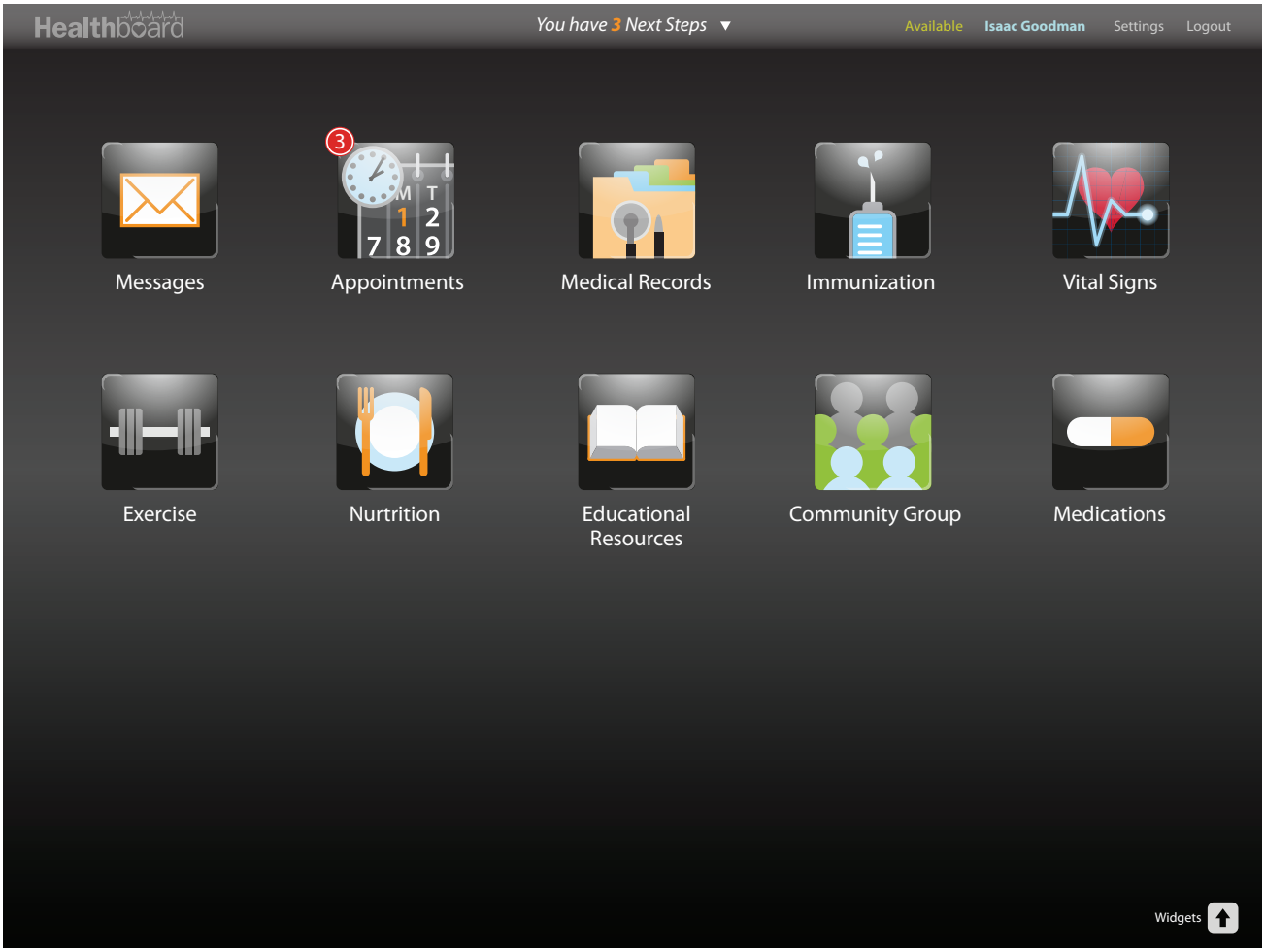
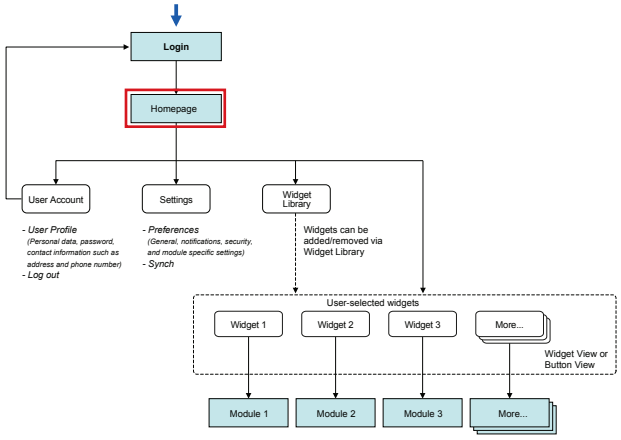
HOMEPAGE: USER PREFERENCES



The user can access *User Preferences* by clicking on the *Settings* link located at the top right corner of the screen.



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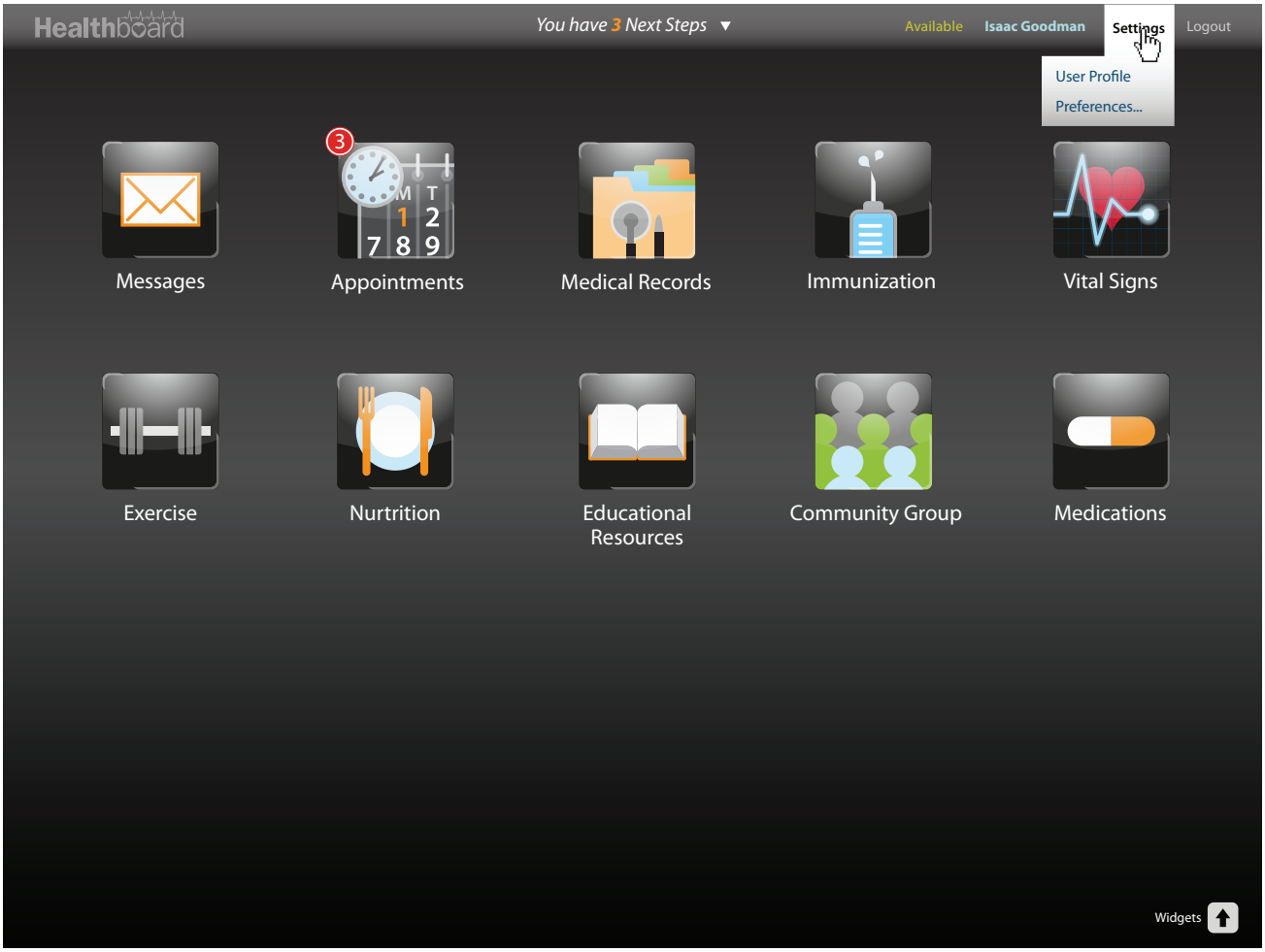
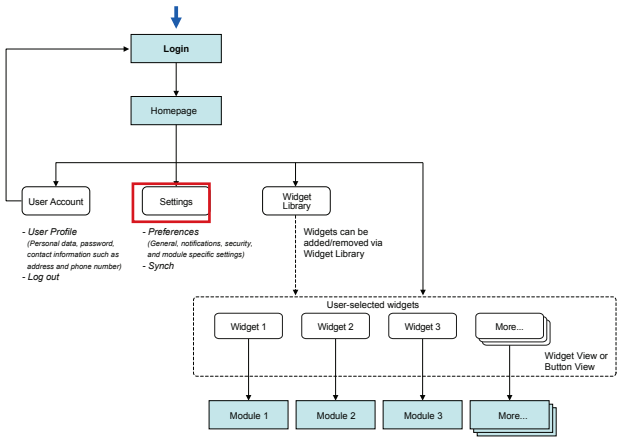
HOMEPAGE: USER PREFERENCES



As the user clicks on the link, the drop down menu appears, consisting of "User Profile" and "Preferences..."



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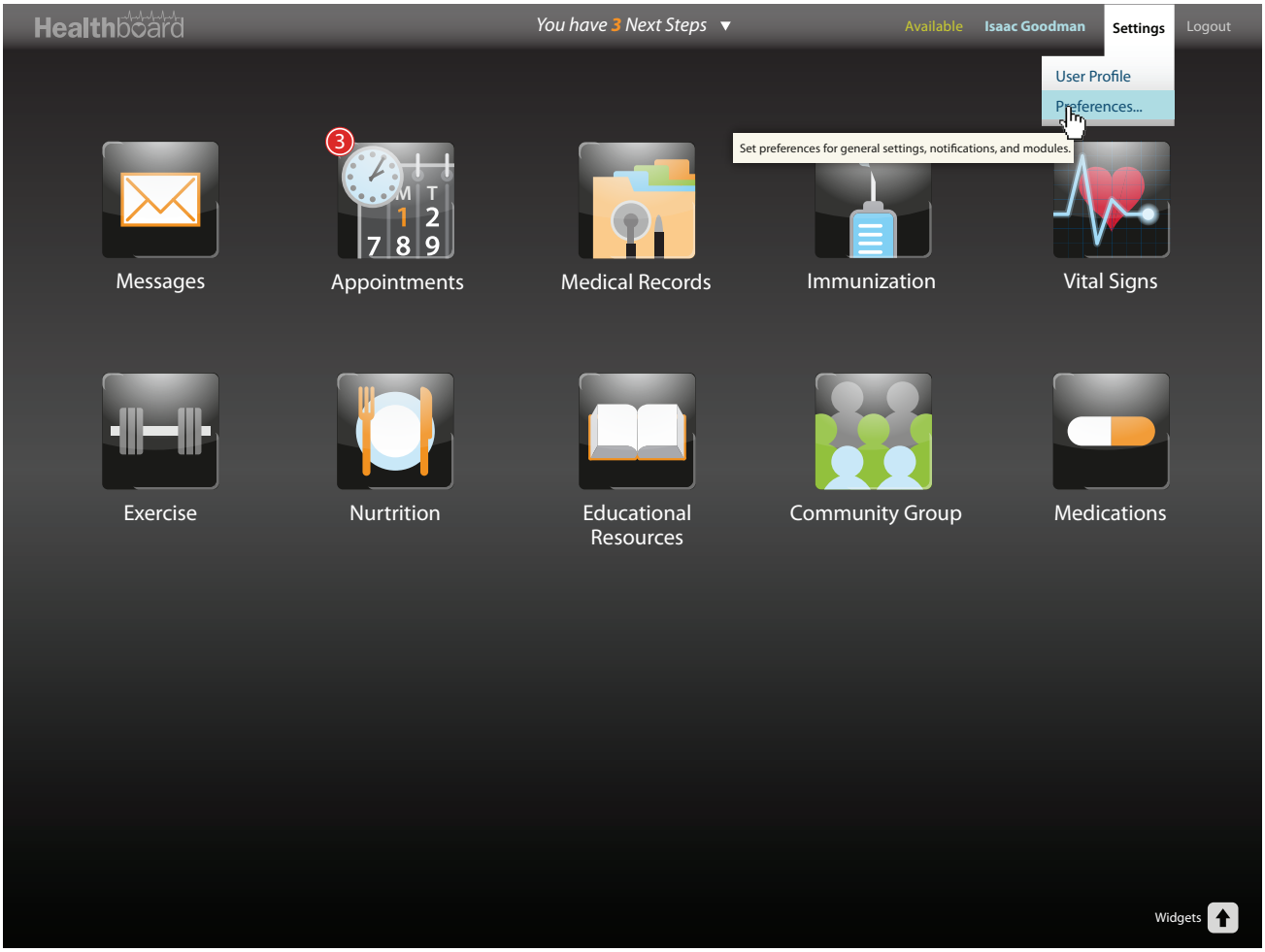
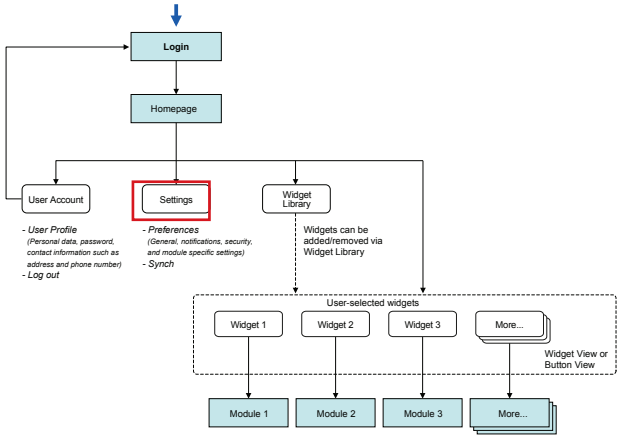
HOMEPAGE: USER PREFERENCES



As the user hovers over "Preferences...," the tooltip describing the menu appears.



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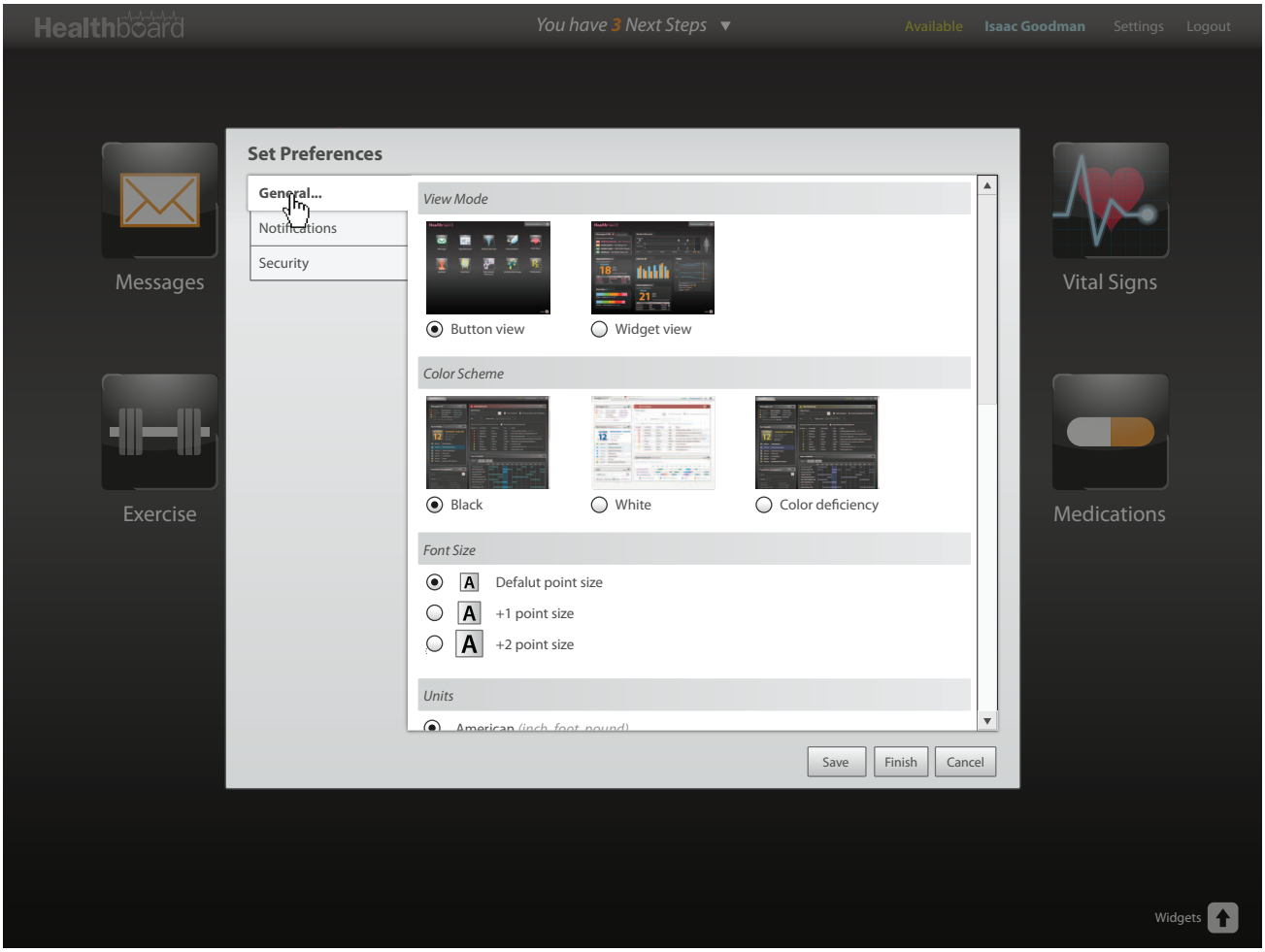
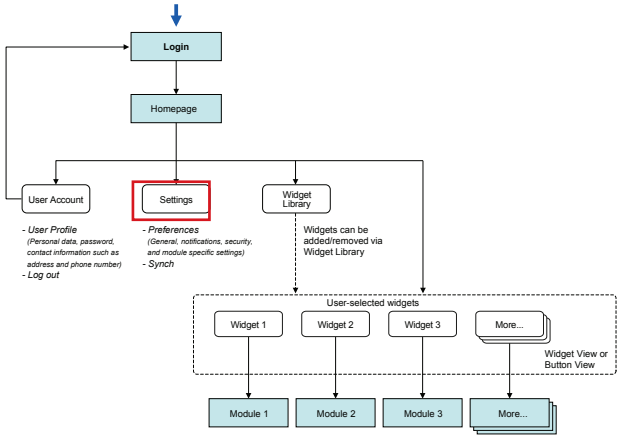
HOMEPAGE: USER PREFERENCES — HOMEPAGE OPTIONS



When the user clicks the link, the "Set Preferences" window pops up. The user can choose between "General...", "Notifications," and "Security." Here, "General..." is selected by default; it provides various options to choose from, such as "View Mode," "Color Scheme," and "Font Size."



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HOMEPAGE: USER PREFERENCES — HOMEPAGE OPTIONS

Healthboard
You have 3 Next Steps
Available Isaac Goodman Settings Logout

Messages
Exercise
Vital Signs
Medications

Set Preferences

General...
Notifications
Security

+1 point size
+2 point size

Units
American *(inch, foot, pound)*
International *(meter, kilogram)*

Time Zone
Time Zone: Eastern Daylight Time
Closest City: Washington DC — United States

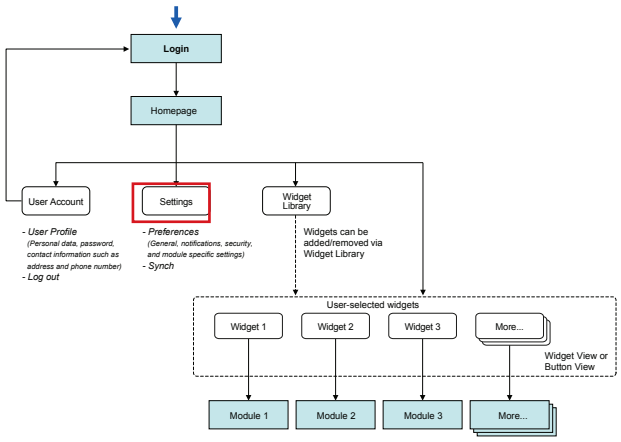
Date & Time

Date	*Time*
Dec 31, 2012	1300
12/31/12	1:00pm
31/12/2012	
2012-12-31	

Save Finish Cancel

Widgets

Other options within the "General..." preferences include "Units," "Time Zone", and "Date & Time."



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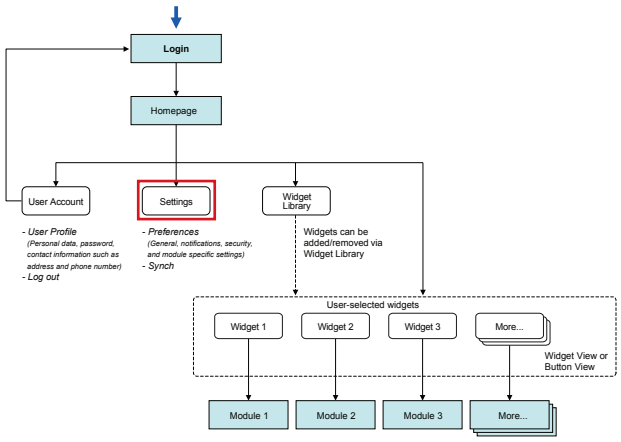
HOMEPAGE: USER PREFERENCES — HOMEPAGE OPTIONS

Inside of *Homepage Options*, the user selects *Widget View* and clicks the "Save" button.



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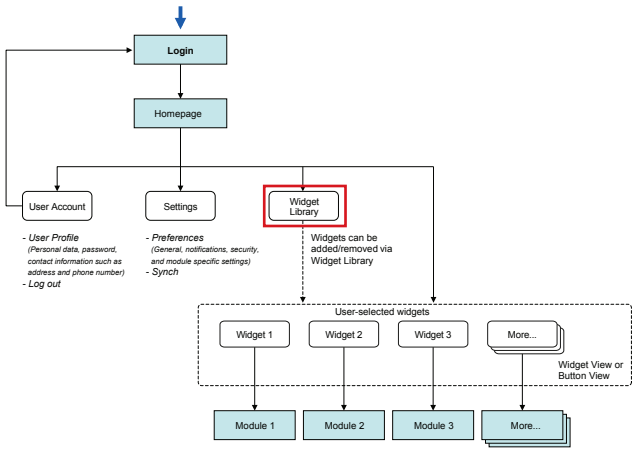
HOMEPAGE: WIDGETS VIEW

The screen switches to "Widget View."



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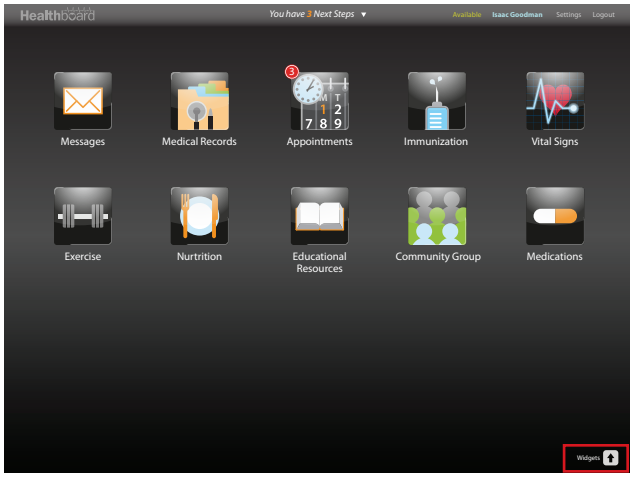
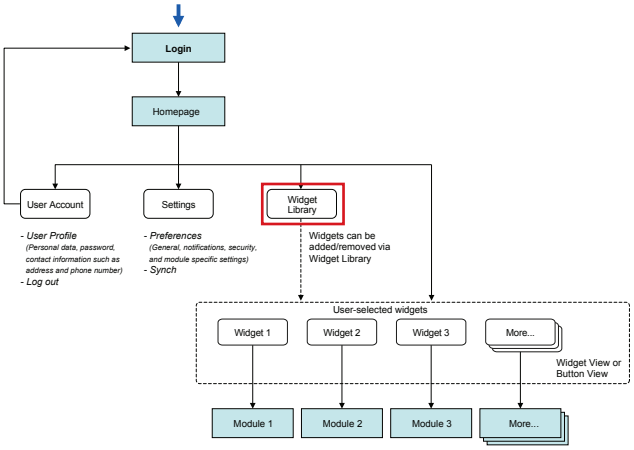
HOMEPAGE: WIDGET LIBRARY

The user can access *Widget Library* from *Homepage*. The user can open *Widget Library* via the link located in the bottom right corner.





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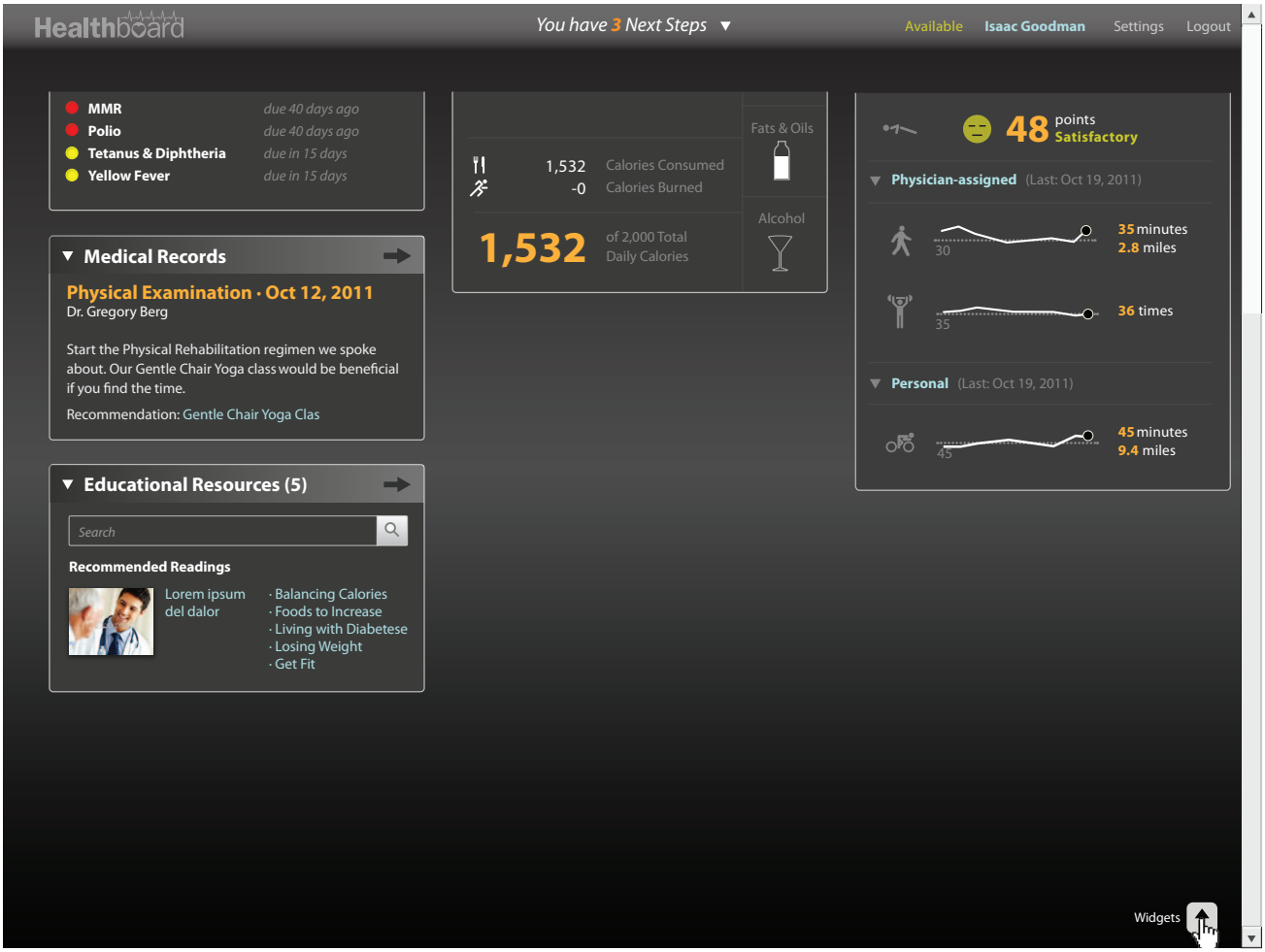
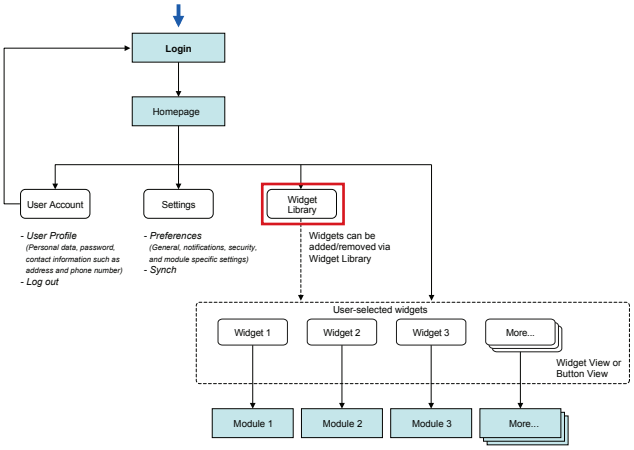
HOMEPAGE: OPEN WIDGET LIBRARY



Widget Library opens as the user clicks on the "Widgets" link. *Widget Library* displays a horizontally scrollable list of all available modules. The modules already selected and displayed on the homepage appear with greyed-out labels; the unselected ones appear with white labels.



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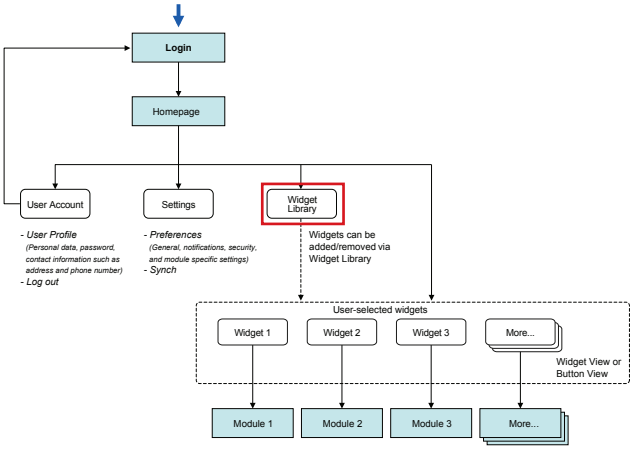
HOMEPAGE: ACTIVATE WIDGETS

The user can activate modules via selecting them from the *Widget Library* list. The user can remove/deselect unwanted modules via clicking on the close button (x) on the top right corner of each widget. These buttons only appear when the user opens *Widget Library.*

The user selects and clicks on "*Vital Signs*" icon.



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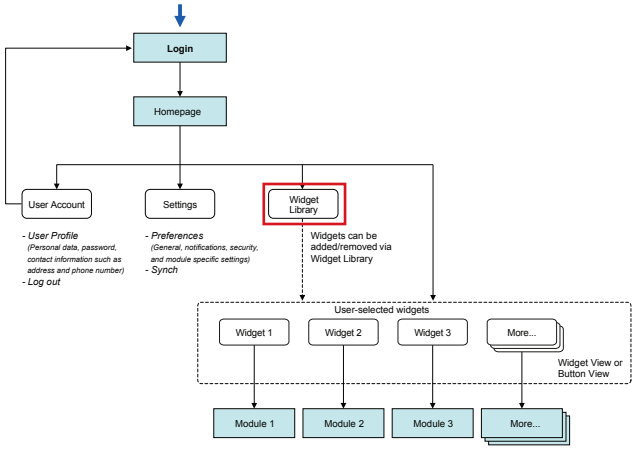
HOMEPAGE: ACTIVATE WIDGETS

The *Vital Signs* widget is activated and it appears on the screen.



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Appointments

INTRODUCTION This section of the Detailed GUI Volume documents the design of the Patient Portal's *Appointments* module for the Visual Dashboard for a Patient Centered Medical Home (PCMH). The documentation includes both workflow diagrams and visual models: the workflow diagrams detail the user experience and interactions within this module, and the visual models present graphic assets and elements within this module.

The following are high-level objectives for the *Appointments* module:

- To allow patients to access information for scheduled appointments as well as past appointments.
- To support patients who need to create new appointments via the *Appointments* module.

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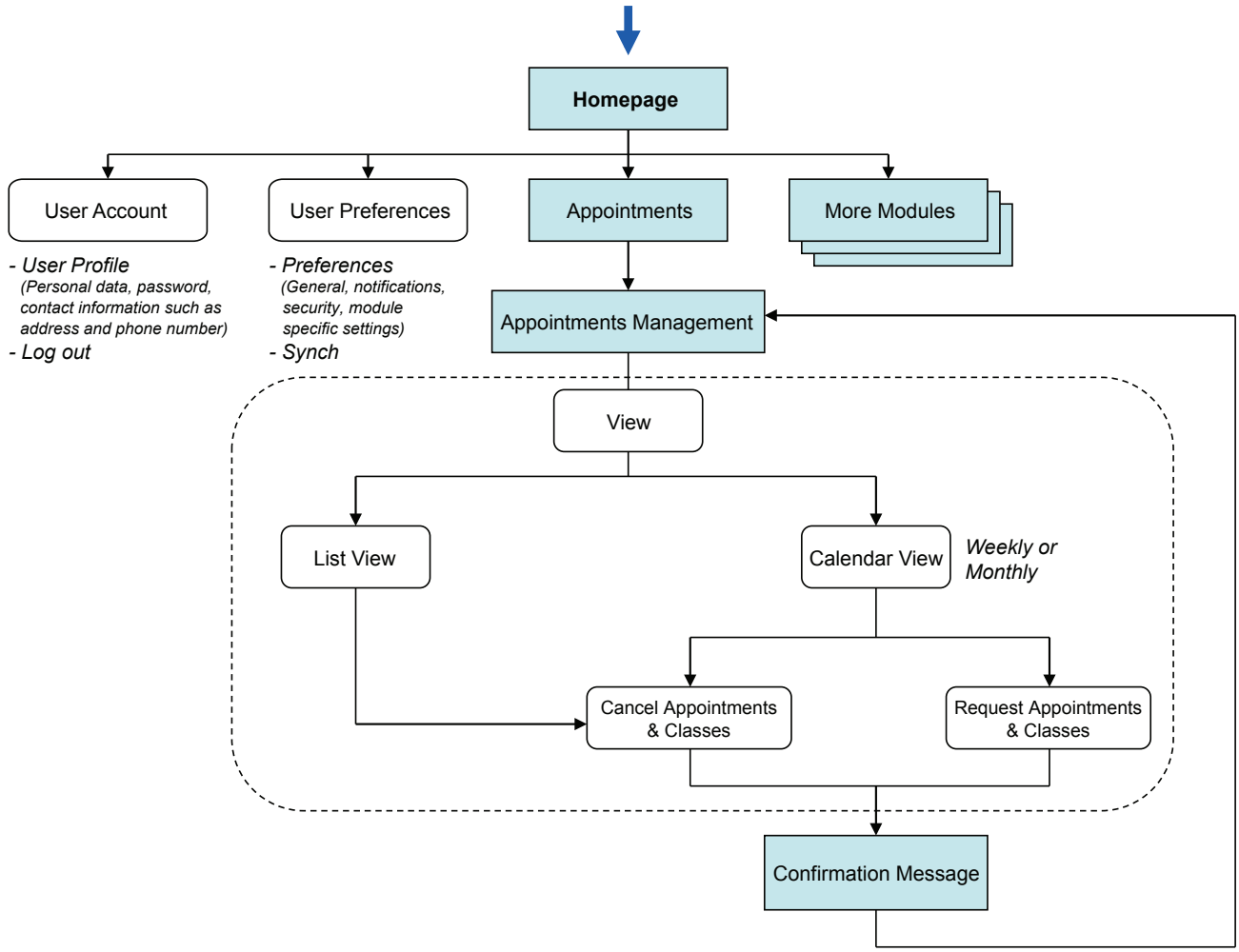
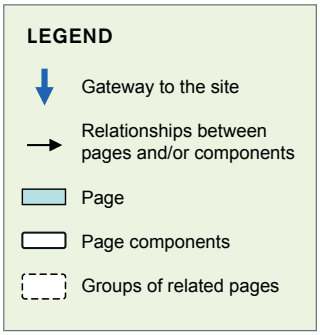
FLOWCHART FOR APPOINTMENTS MODULE





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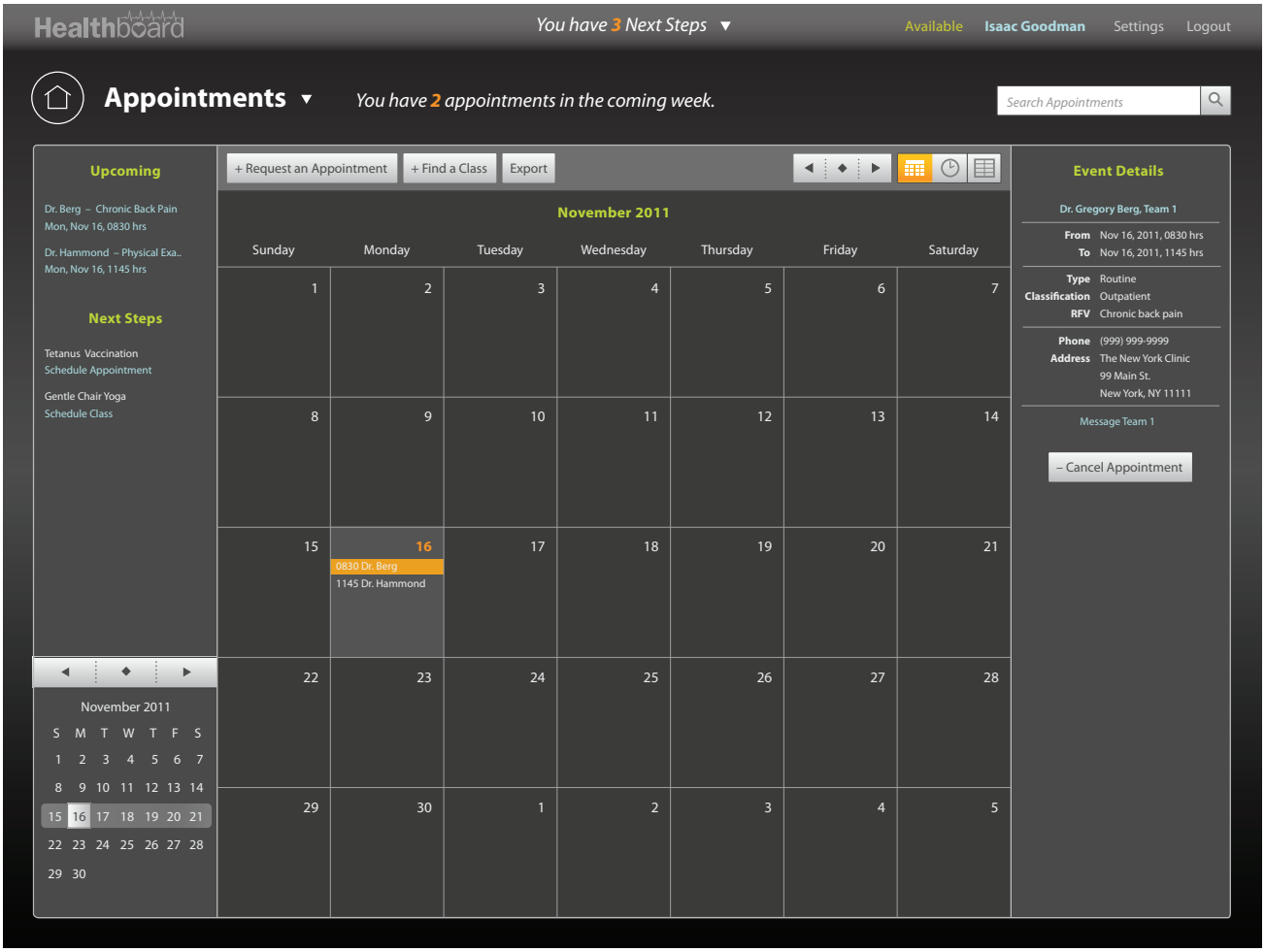
APPOINTMENTS: MONTHLY CALENDAR VIEW

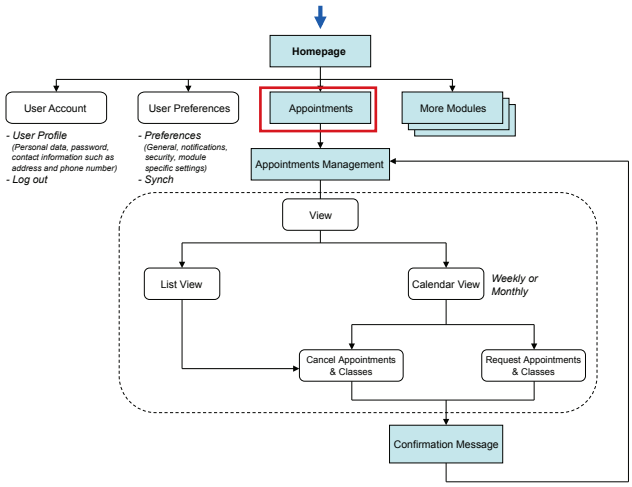


The *Appointments* module aids providers and patients in scheduling mutually convenient times for encounters. As with most modules, multiple views are provided. The current screen shows the calendar view, also the default view, where the user lands after entering the module. Alternatively, the week view and table view can be accessed using the rightmost action bar buttons.

The leftmost column presents a quicklist of the patient's upcoming appointments. Clicking an element in the quicklist will cause the content area to jump to the appointment date. The mini-calendar below the quicklist is used navigate month-by-month without changing the center content area's display.

The center content area presents appointments on the day they occur. The user may navigate one month at a time using the controls in the action bar, or jump to a date instantly by clicking a date in the mini-calendar. Appointments may be selected (blue highlight) in the content area, as well as days (light grey highlight).

The rightmost column provides additional details about the currently selected appointment. The user may also access commands contextual to the selection (e.g., scheduling or cancelling an appointment).



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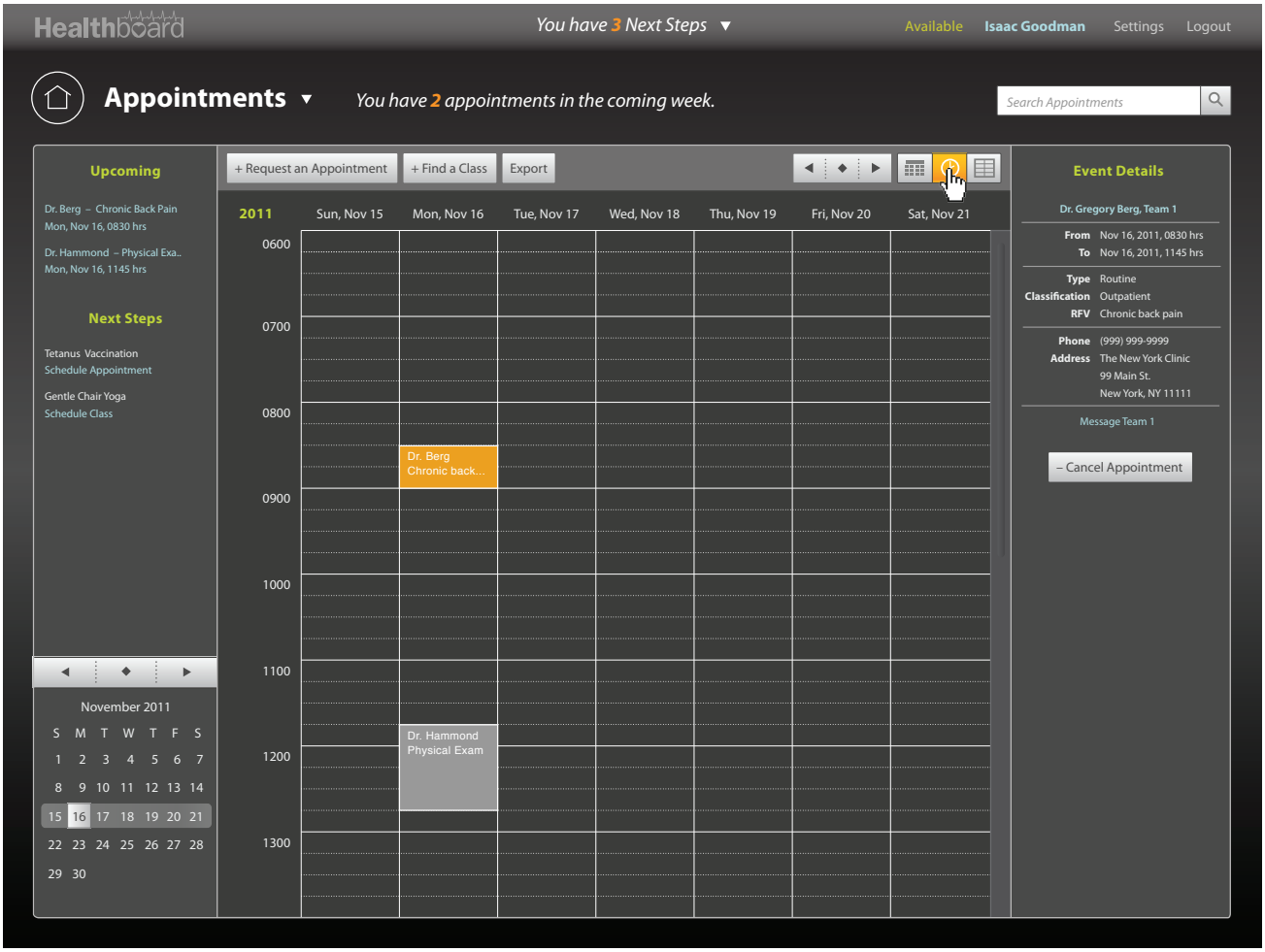
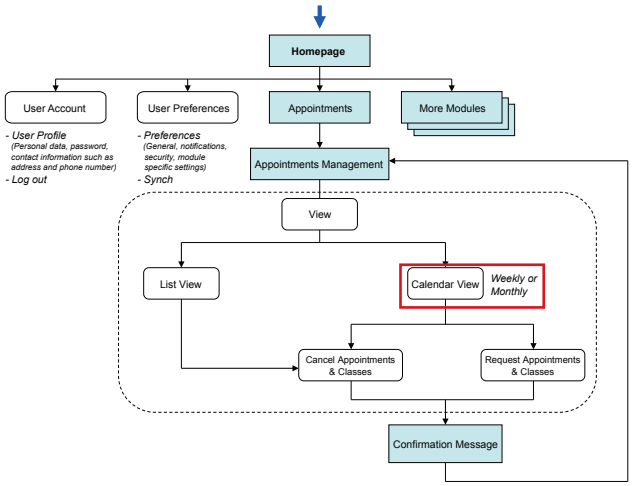
APPOINTMENTS: WEEKLY CALENDAR VIEW



If the user switches to the weekly calendar view, days are broken up into time slots. This level of granularity is useful for scheduling appointments.

In the weekly calendar view, both the left-hand and right-hand columns function identically to the monthly calendar view. However, in this view, the "Forward" and "Back" buttons in the upper action bar navigate on a week-by-week basis, not a month-by-month basis.



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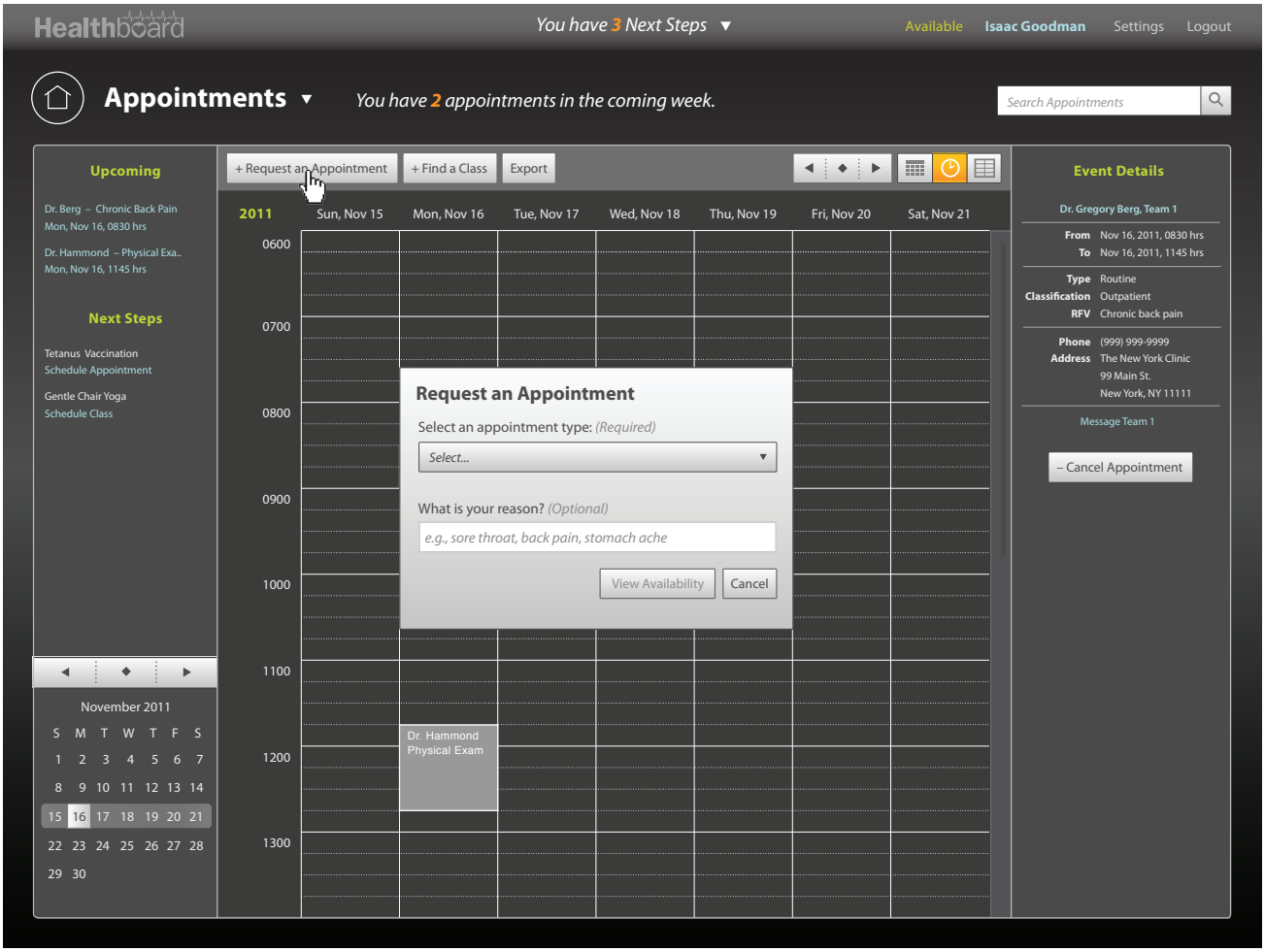
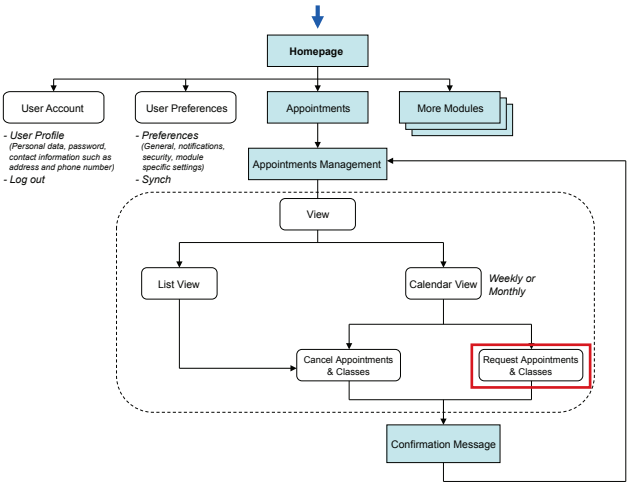
APPOINTMENTS: REQUEST AN APPOINTMENT



When the patient clicks "+Request an Appointment," a window appears. The user is required to select an appointment type, predetermined by the provider team (e.g., hospital administrators), from the drop-down menu. The user may enter the reason for visit as an option.



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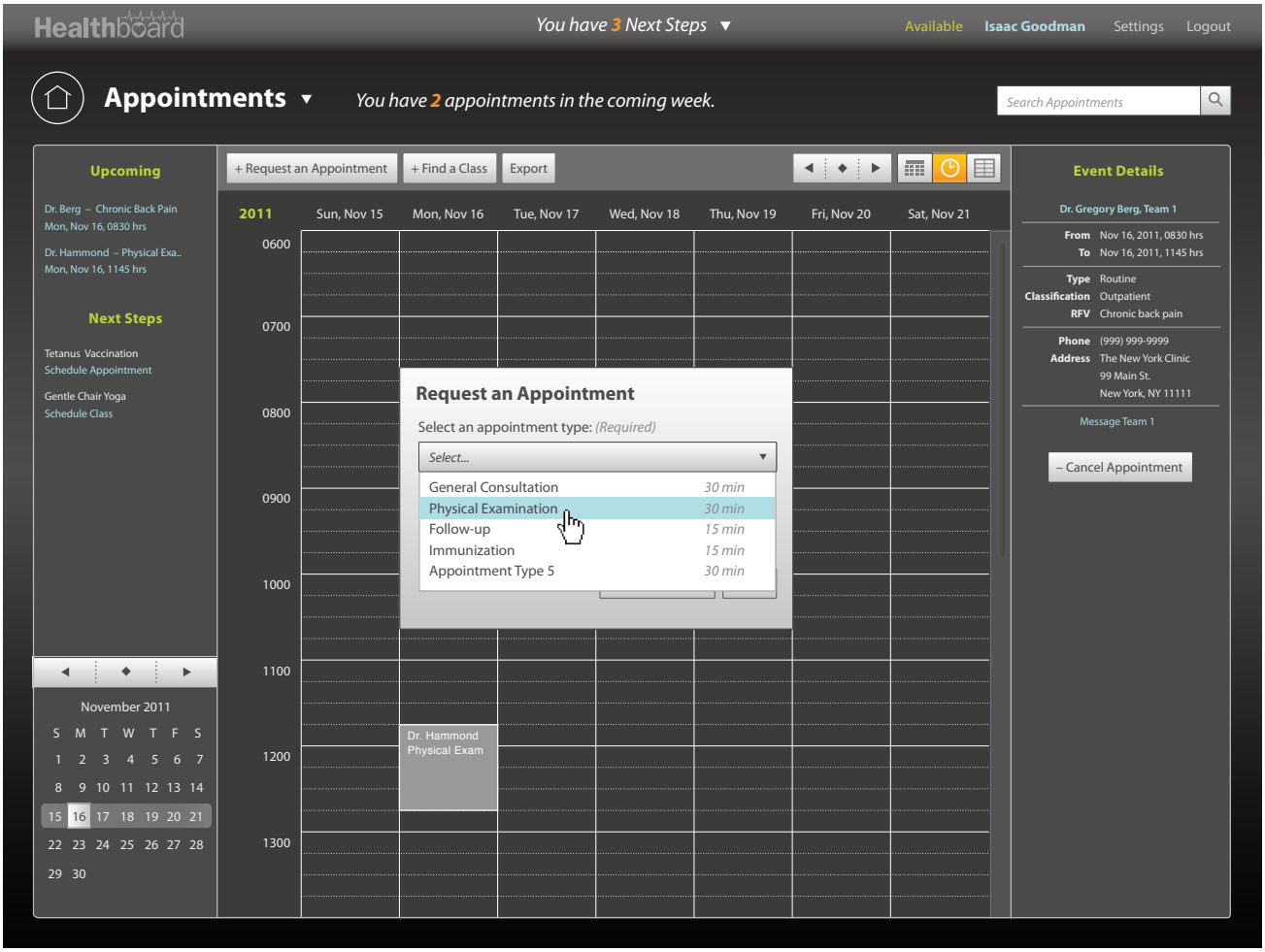
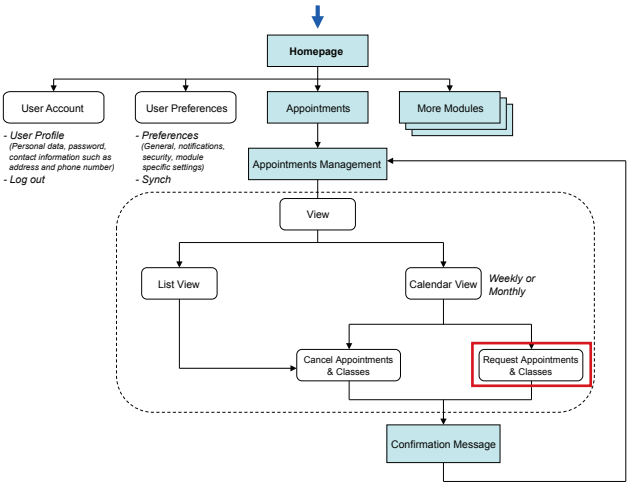
APPOINTMENTS: REQUEST AN APPOINTMENT (CONTINUED)



The user clicks on the arrow to open drop-down menu.



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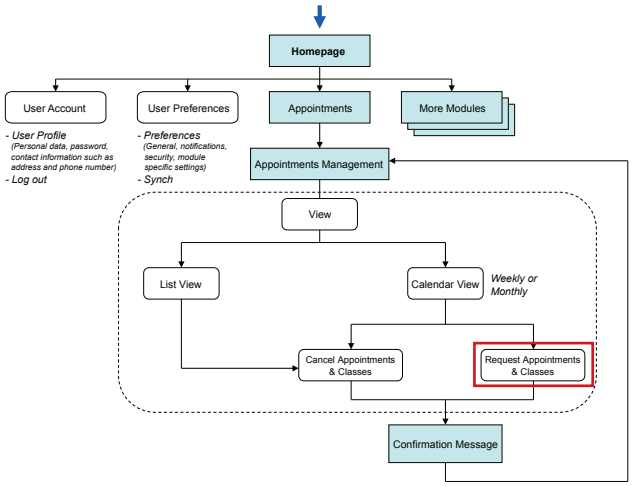
APPOINTMENTS: REQUEST AN APPOINTMENT (CONTINUED)

The user selects Physical Examination (30 min) from the drop-down menu, enters the reason for visit, and clicks the "View Availability" button.



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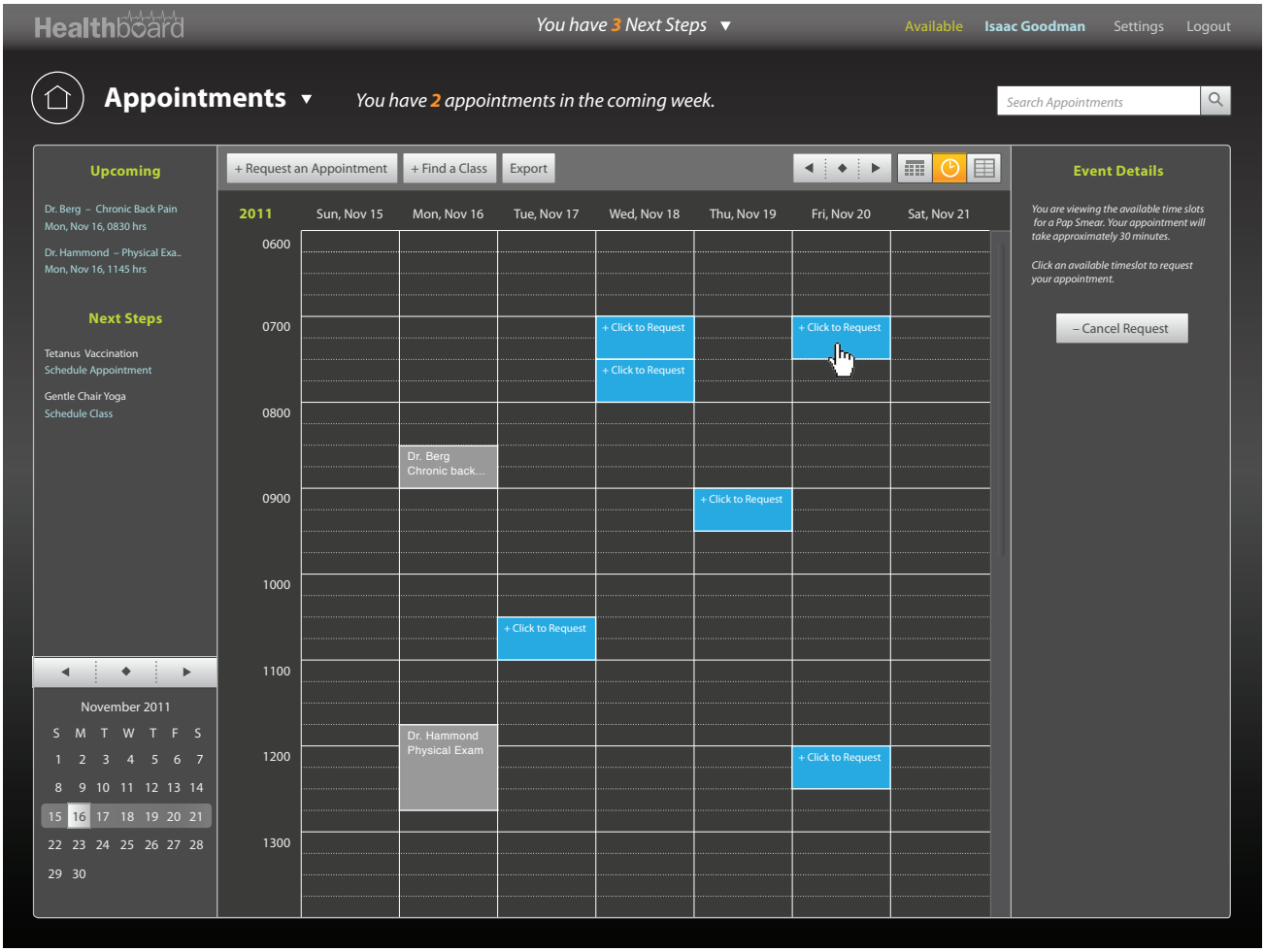
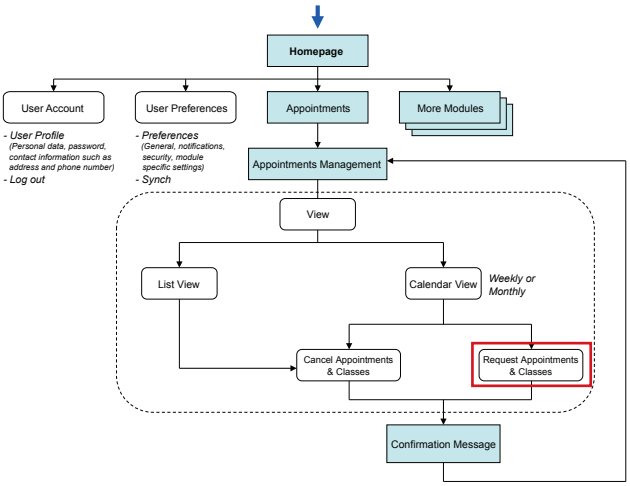
APPOINTMENTS: REQUEST AN APPOINTMENT (CONTINUED)



When the patient clicks "View Availability" button, available appointments light up in the weekly calendar view. The time slots that light up have been indicated by the team as being free. If this option is toggled on in any other view, the user should be automatically switched to the weekly calendar view.



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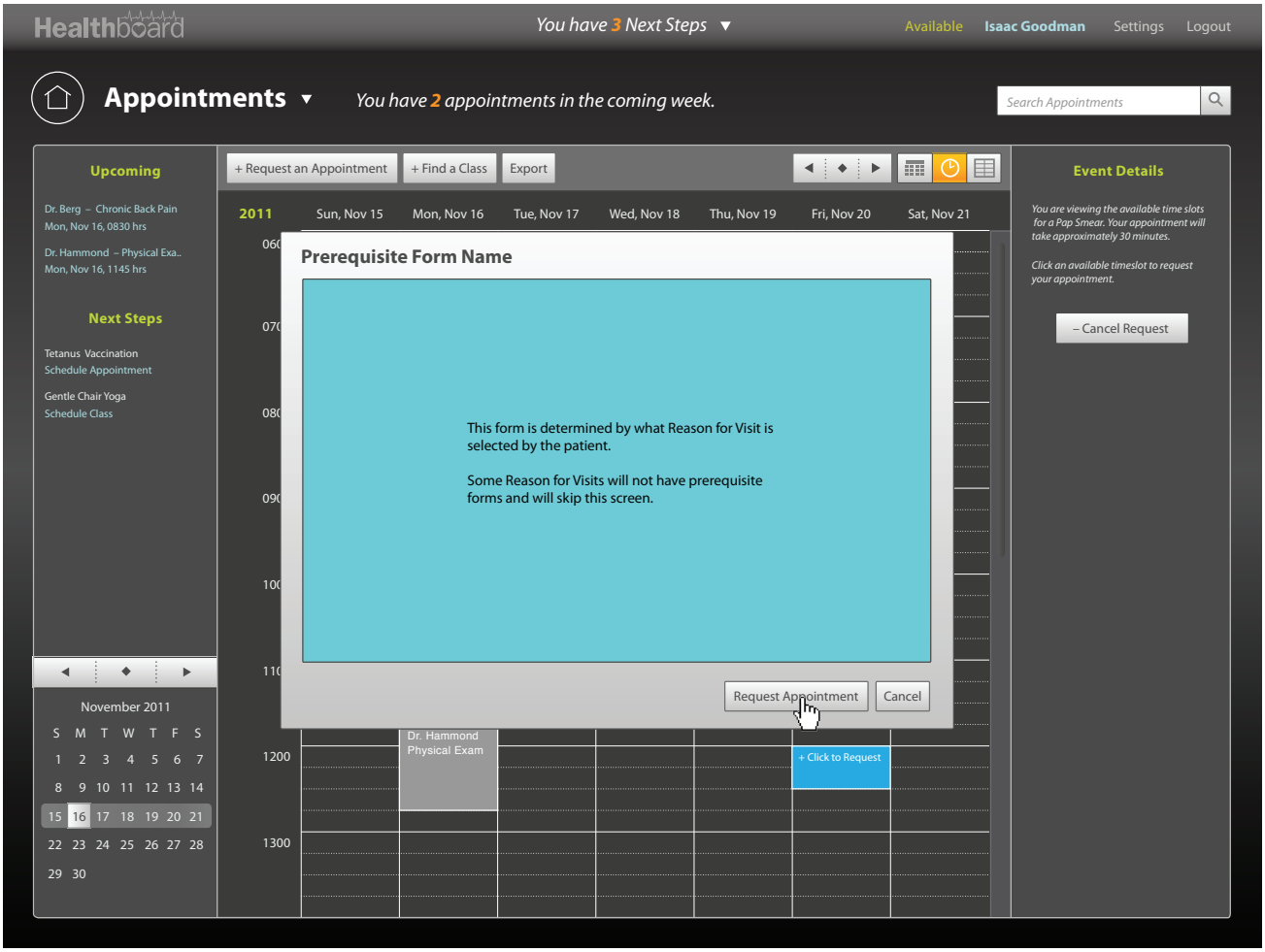
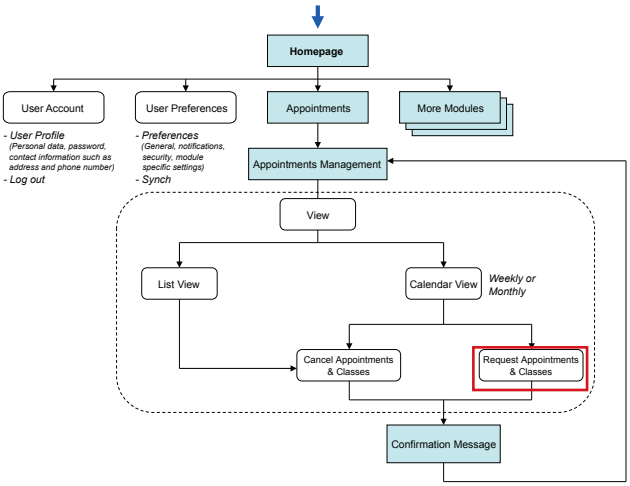
APPOINTMENTS: NEW APPOINTMENT REQUEST



To request an appointment in one of these time slots, the patient clicks it. This brings up the "New Appointment Request" box.

The patient selects a reason for visit from a list of common reasons for visit. This list can be edited by the team. If the patient has multiple reasons for visit, more can be added by clicking the "Add another reason for visit." The patient may also enter additional information if they feel that their Reason for Visit was not covered.



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APPOINTMENTS: CONFIRMATION MESSAGE

Healthboard | You have 3 Next Steps ▼ | Available | Isaac Goodman | Settings | Logout

Appointments ▼ | Your appointment request has been sent. | Search Appointments

Upcoming

Dr. Berg – Chronic Back Pain
Mon, Nov 16, 0830 hrs

Dr. Hammond – Physical Exa..
Mon, Nov 16, 1145 hrs

Next Steps

Tetanus Vaccination
Schedule Appointment

Gentle Chair Yoga
Schedule Class

November 2011

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

+ Request an Appointment | + Find a Class | Export

2011 | Sun, Nov 15 | Mon, Nov 16 | Tue, Nov 17 | Wed, Nov 18 | Thu, Nov 19 | Fri, Nov 20 | Sat, Nov 21

0600
0700 — Appt. Requested Stomach pain
0800 — Dr. Berg Chronic back...
0900
1000
1100
1200 — Dr. Hammond Physical Exam
1300

Event Details

This appointment has been requested.

Physician TBD, Team 1

From Nov 20, 2011, 0700 hrs
To Nov 20, 2011, 0730 hrs

Type Routine
Classification Outpatient
RFV Stomach pain

Phone (999) 999-9999
Address The New York Clinic
99 Main St.
New York, NY 11111

Message Team 1

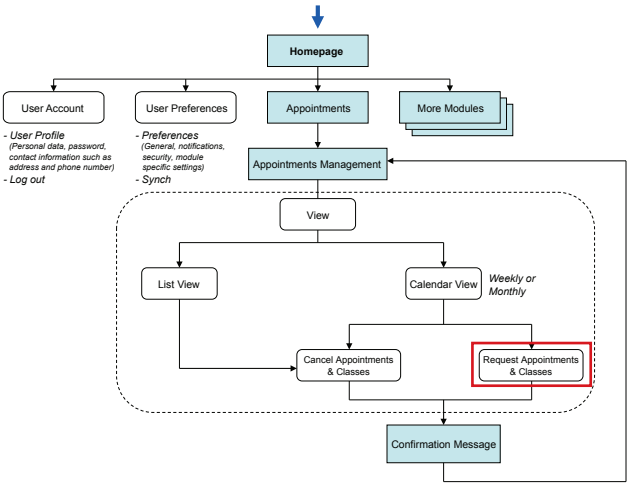
– Cancel Request

Once the patient requests the appointment, it appears in the calendar as "Appointment Requested." A verification message appears at the top of that appointment's details.

Because the appointment has not yet been accepted, the physician for the selected requested appointment is listed as "TBD."

At this time the provider team is sent a message informing them of this appointment request.

The patient is still able to "Cancel Request" in the *Event Details* column. This will send a second message informing the team that the request is no longer valid.



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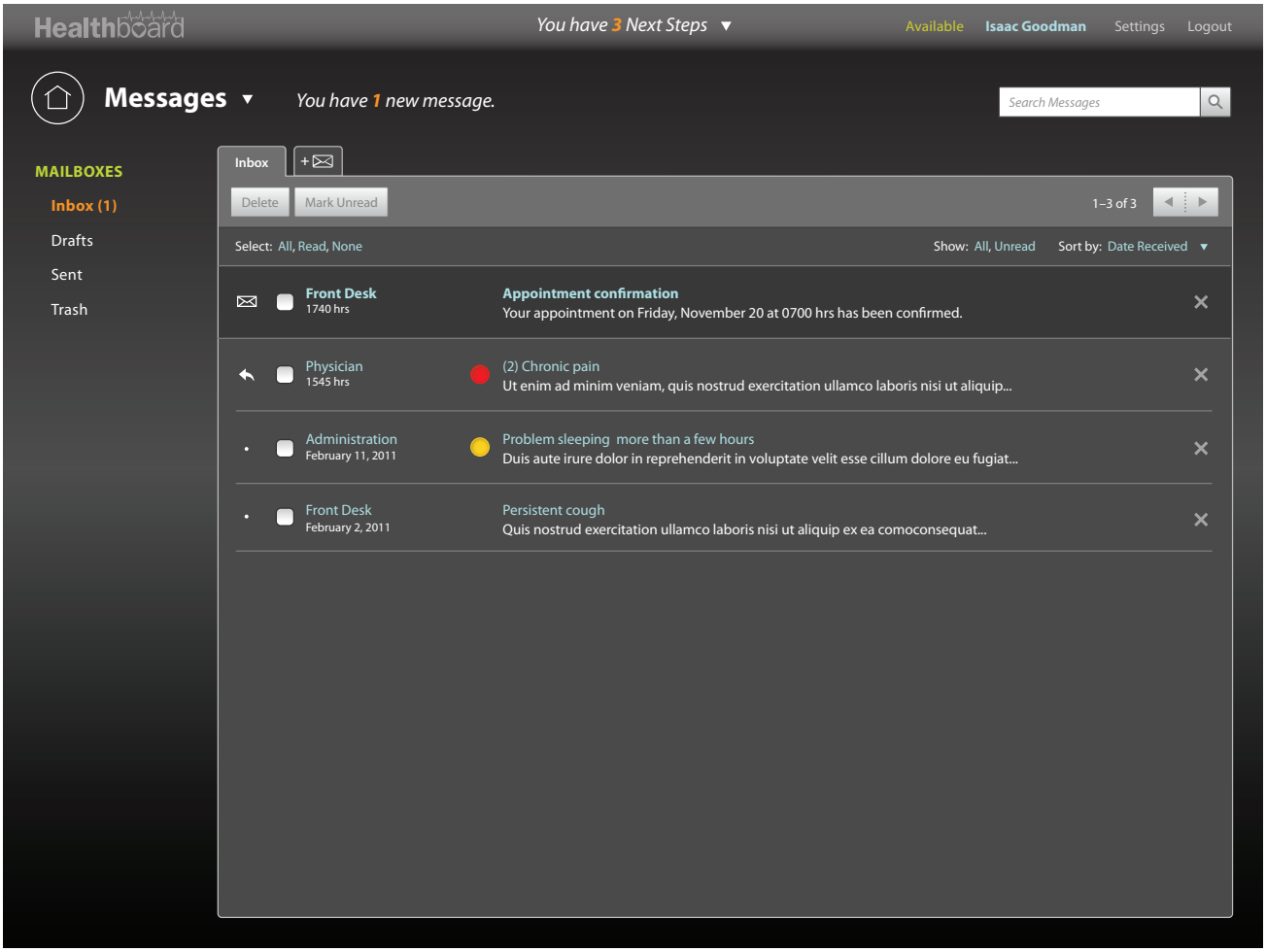
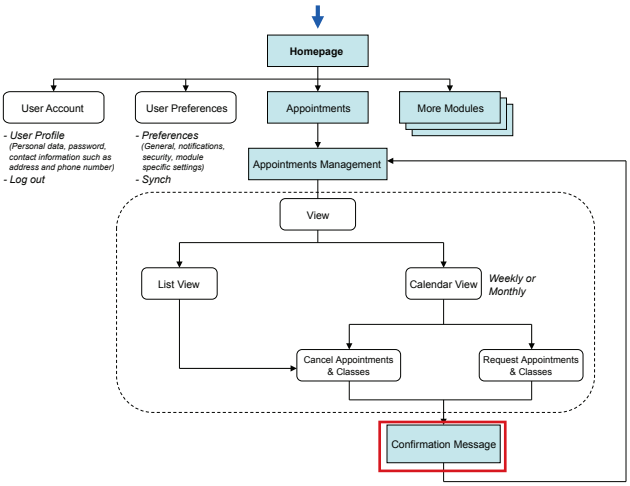
APPOINTMENTS: CONFIRMATION MESSAGE



A notification indicating whether the Team accepts or rejects the appointment request will be sent to the patient's inbox.



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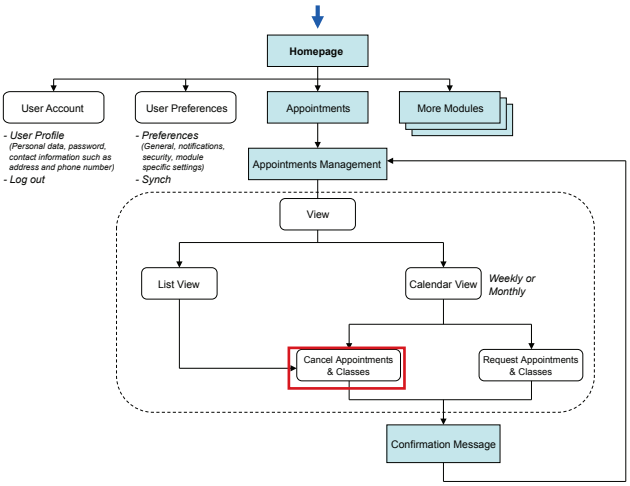
APPOINTMENTS: CANCELLING AN APPOINTMENT

Once the appointment has been is accepted, it appears in the patient's calendar. A physician may now be assigned by the team.

The patient is able to cancel the selected appointment by clicking the "Cancel Appointment" button in the *Event Details* column.

If the user clicks "Cancel Appointment" button, a message appears to warn the patient that this cannot be undone, and confirm that the user wishes to cancel the appointment.



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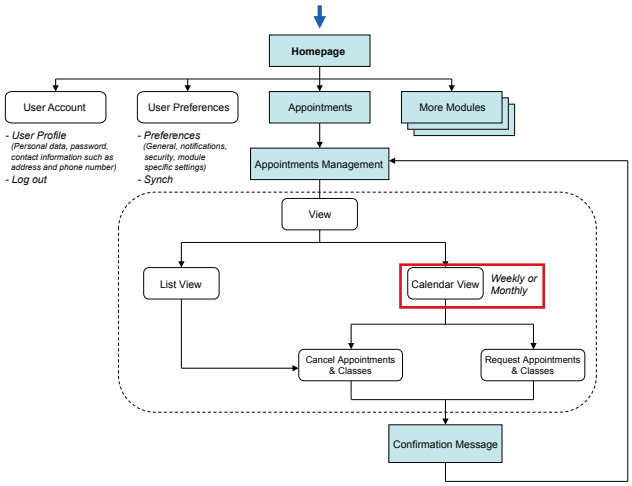
APPOINTMENTS: APPOINTMENT CANCELLED

Once the appointment is cancelled, it is removed from the patient's calendar. Additionally, a confirmation message indicating that the appointment has been cancelled is shown in the *Event Details* column. This time slot is now available for new appointment requests by other patients.

The team is sent a message informing them of the cancellation. The user clicks on "Schedule Appointment" under *Recommended* to schedule an appointment for a Tetanus vaccination.



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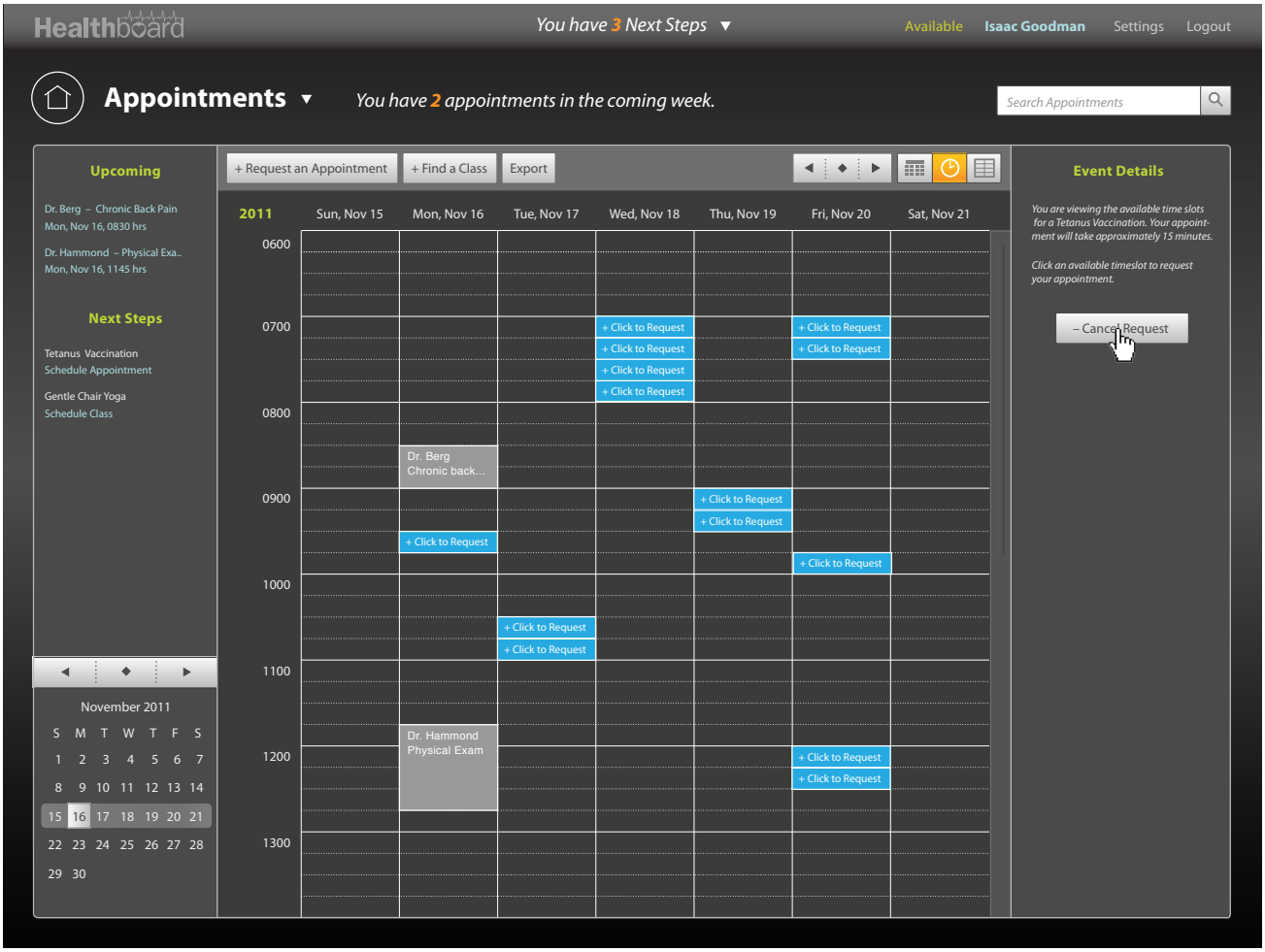
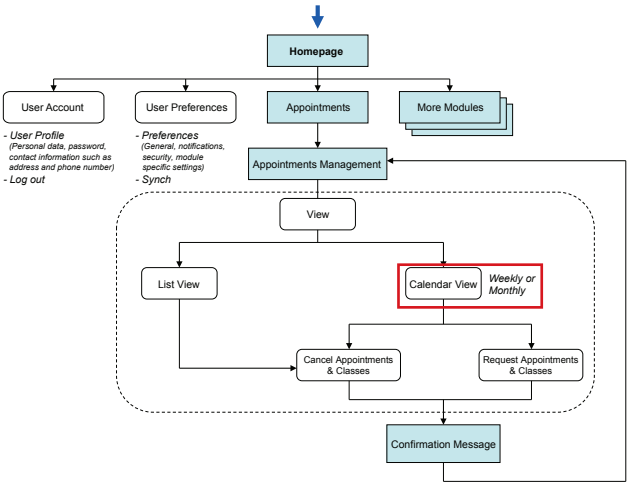
APPOINTMENTS: SCHEDULE APPOINTMENT



Upon clicking, available appointments light up in the weekly calendar view. The time slots that light up have been indicated by the Team as being free. *Event Details* provide specific information regarding the appointment the user is about to make. The user may choose to cancel the process of making an appointment by clicking "Cancel Request."



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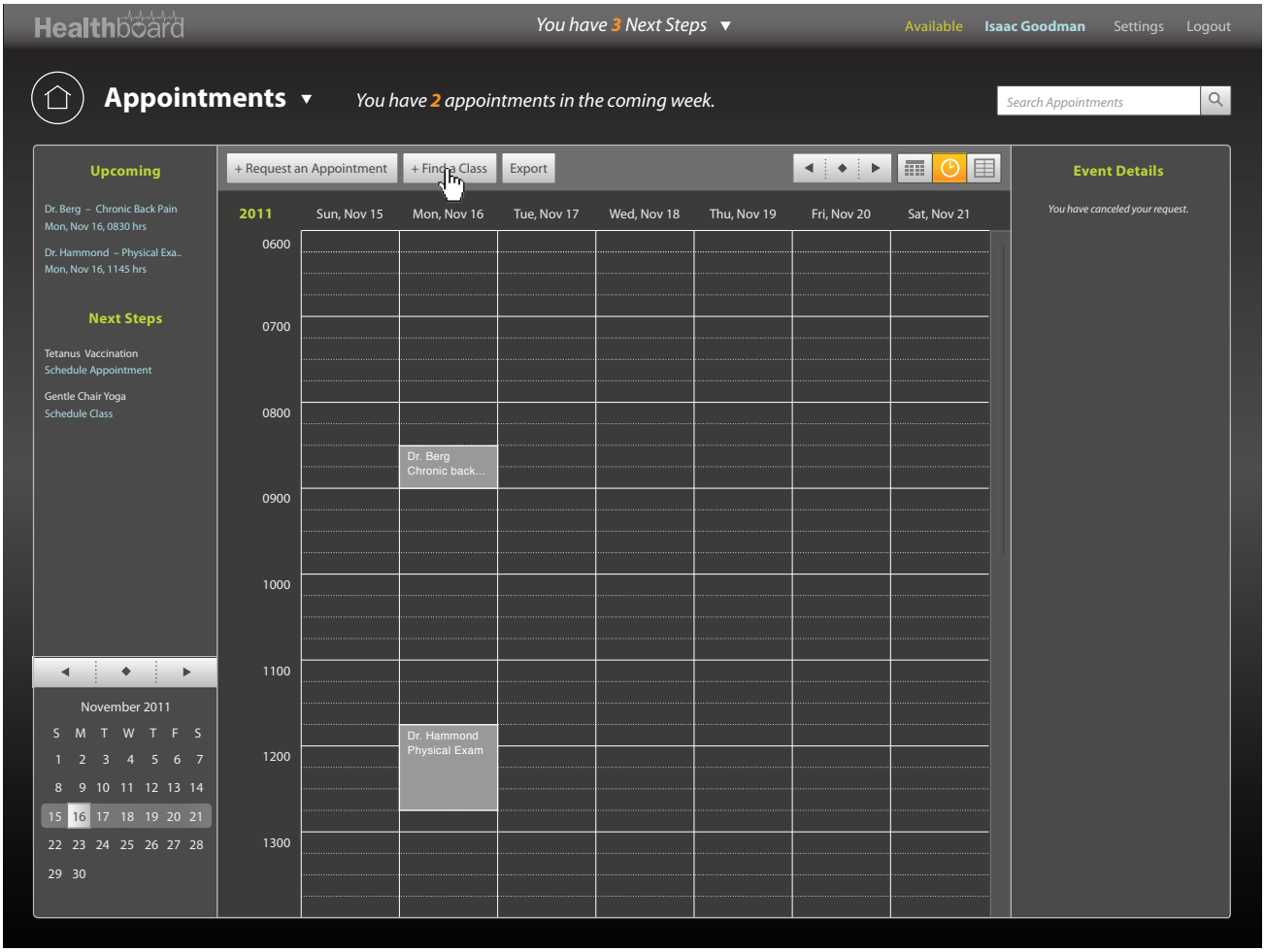
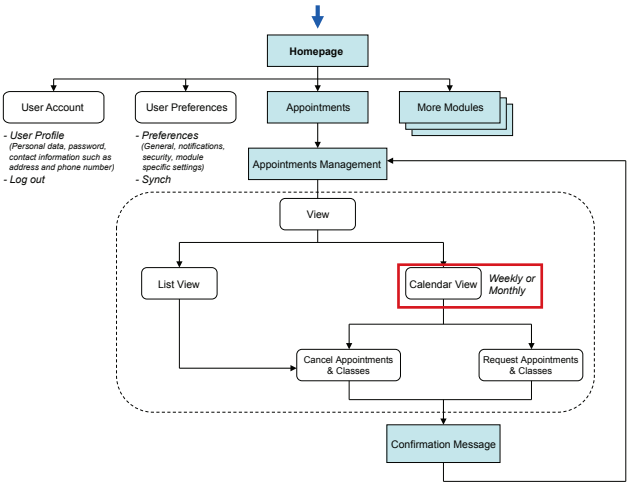
APPOINTMENTS: FIND A CLASS



The user chooses "Find a Class" from the *Appointments* weekly calendar view.



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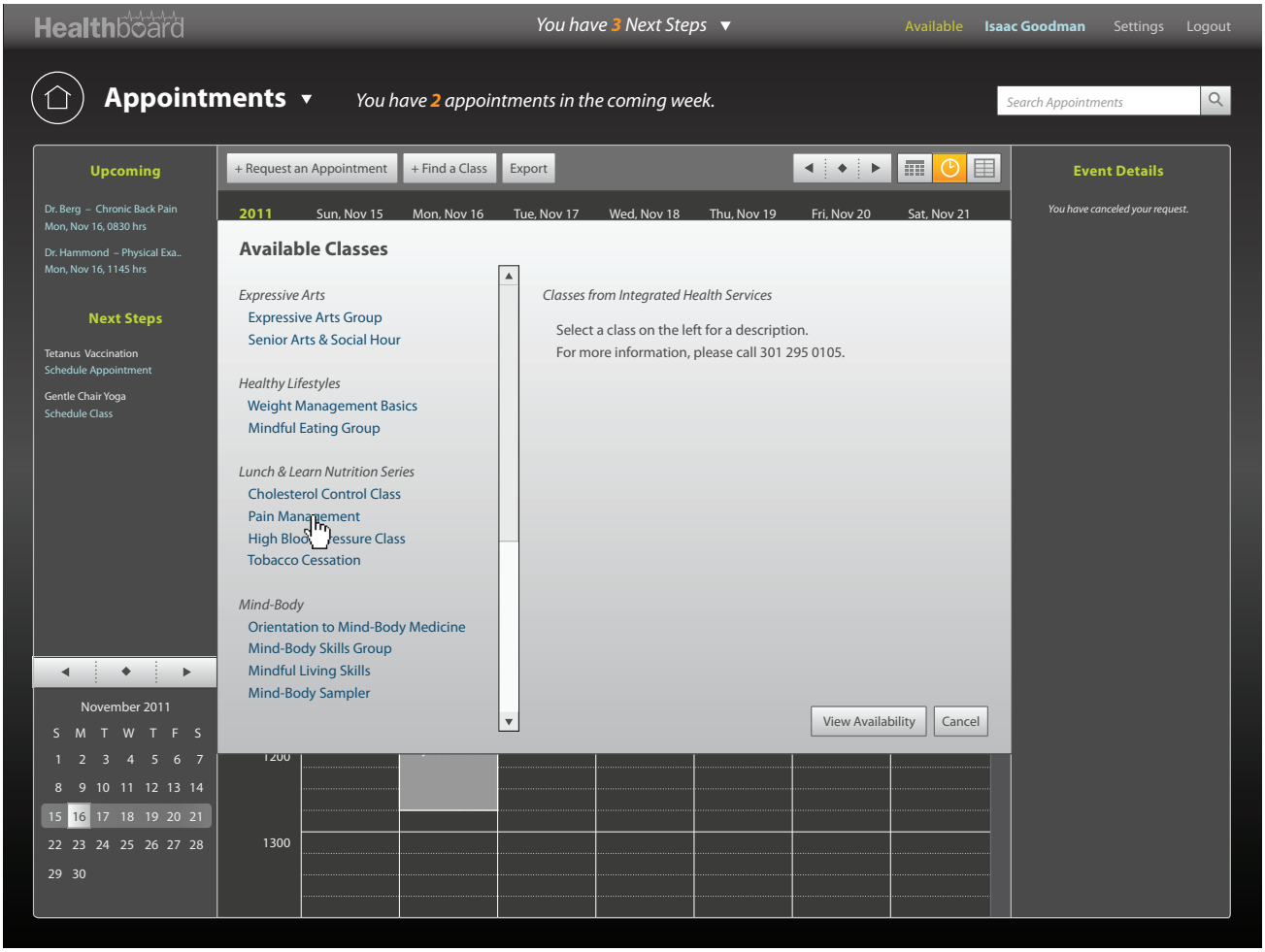
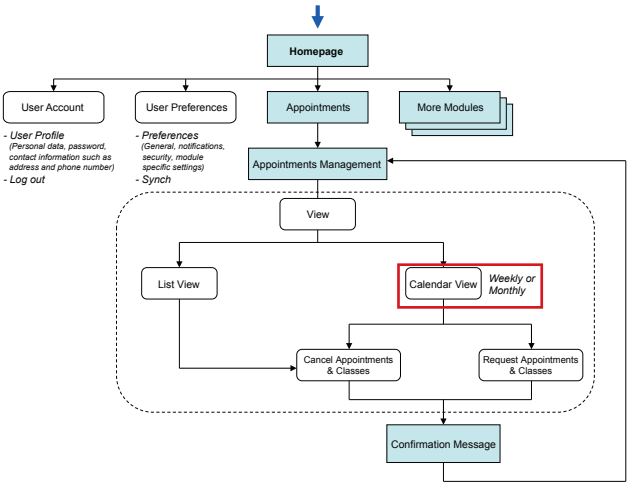
APPOINTMENTS: AVAILABLE CLASSES



When the patient clicks "Find a Class," a popup window appears offering available classes for the user on the left. On the right, he is provided with basic directions for scheduling a class. The classes are grouped into alphabetized categories.

The user clicks "Pain Management."



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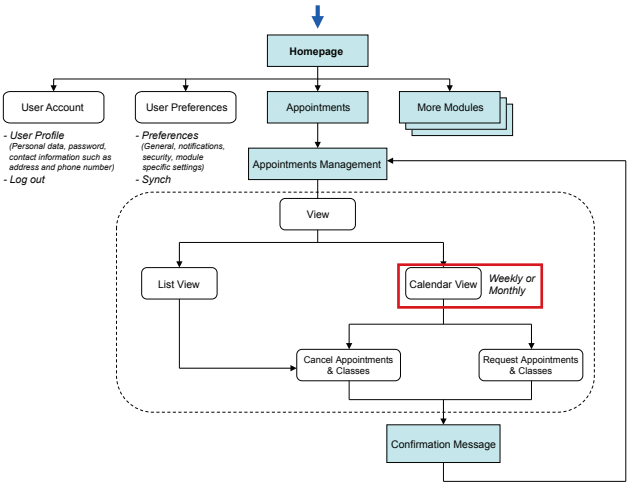
APPOINTMENTS: AVAILABLE CLASSES

Once selected, the information on the right side is changed to provide specific details on the selected class, including its duration and the next available start date.

The user clicks "View Availability."



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APPOINTMENTS: VIEW AVAILABILITY FOR CLASSES

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Appointments | You have 2 appointments in the coming week. | Search Appointments

Upcoming

Dr. Berg – Chronic Back Pain
Mon, Nov 16, 0830 hrs

Dr. Hammond – Physical Exa..
Mon, Nov 16, 1145 hrs

Next Steps

Tetanus Vaccination
Schedule Appointment

Gentle Chair Yoga
Schedule Class

November 2011

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

+ Request an Appointment | + Find a Class | Export

2011 | Sun, Nov 15 | Mon, Nov 16 | Tue, Nov 17 | Wed, Nov 18 | Thu, Nov 19 | Fri, Nov 20 | Sat, Nov 21

0600
0700 — + Click to Reserve 4 seats available
0800 — Dr. Berg Chronic back...
0900
1000 — + Click to Reserve 5 seats available
1100
1200 — Dr. Hammond Physical Exam
1300

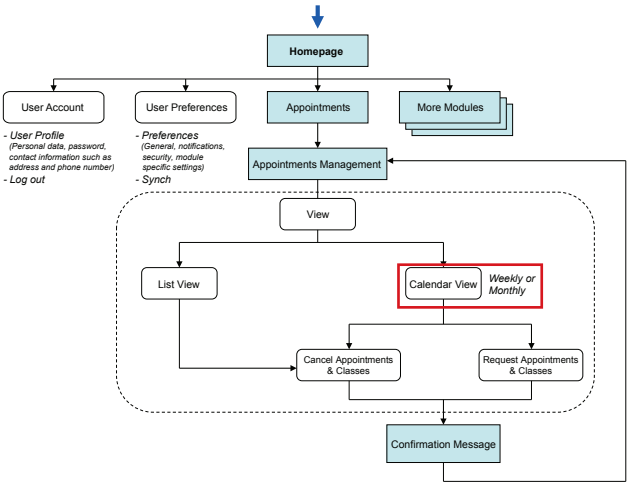
Event Details

You are viewing the available time slots for Pain Management. Classes will last approximately 1 hour, and occur twice a week for four weeks.

Click an available timeslot to reserve a seat in the class.

– Cancel Request

Upon clicking, available classes light up in the weekly calendar view along with information regarding seats available in the particular class. The user's previous schedule is displayed.



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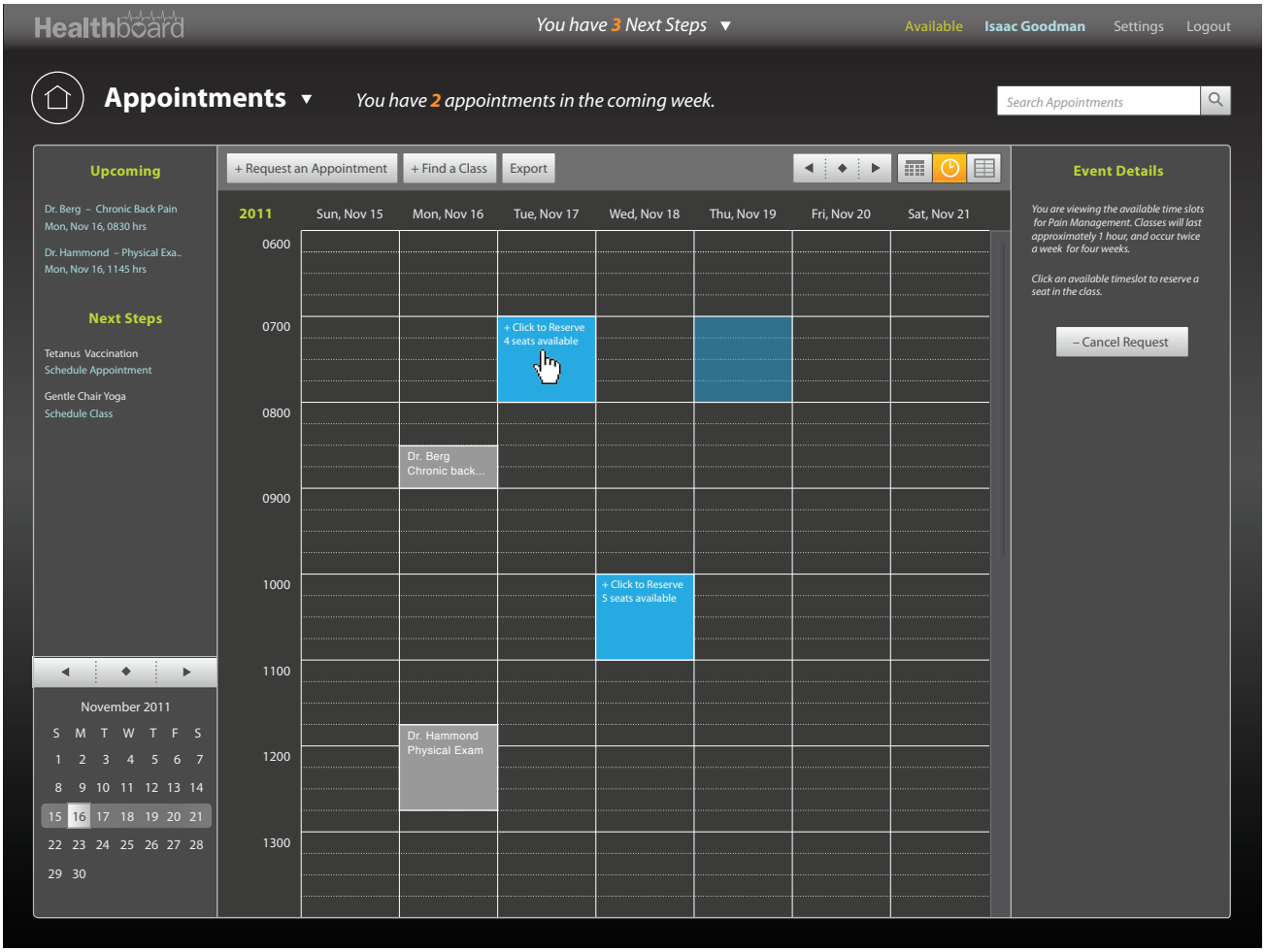
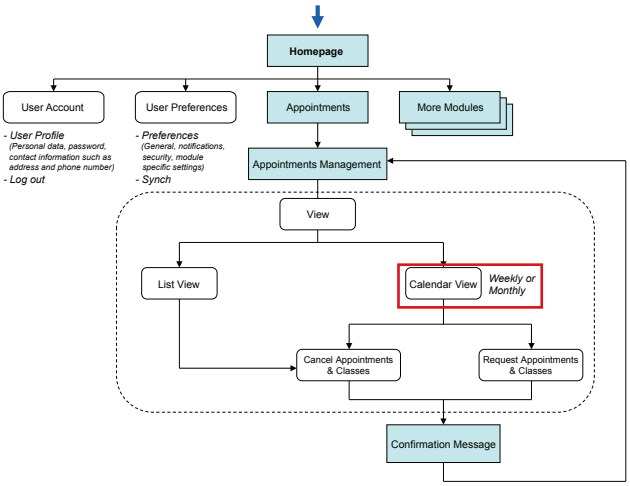
APPOINTMENTS: VIEW AVAILABILITY FOR CLASSES



When the user hovers over a class that meets more than once a week, all of the dates appear on the calendar.



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APPOINTMENTS: SCHEDULE A CLASS

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Appointments | You have 4 appointments in the coming week. | Search Appointments

Upcoming
Dr. Berg – Chronic Back Pain
Mon, Nov 16, 0830 hrs
Dr. Hammond – Physical Exa..
Mon, Nov 16, 1145 hrs
Pain Management
Thu, Nov 17, 0700 hrs
Pain Management
Thu, Nov 19, 0700 hrs

Next Steps
Tetanus Vaccination
Schedule Appointment
Gentle Chair Yoga
Schedule Class

November 2011
S M T W T F S
1 2 3 4 5 6 7
8 9 10 11 12 13 14
15 16 17 18 19 20 21
22 23 24 25 26 27 28
29 30

+ Request an Appointment | + Find a Class | Export

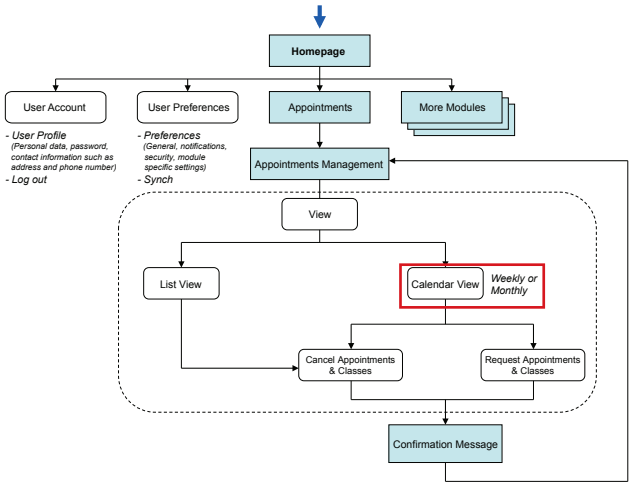
2011 | Sun, Nov 15 | Mon, Nov 16 | Tue, Nov 17 | Wed, Nov 18 | Thu, Nov 19 | Fri, Nov 20 | Sat, Nov 21

0600
0700 — Pain Management — Pain Management
0800 — Dr. Berg Chronic back...
0900
1000
1100 — Dr. Hammond Physical Exam
1200
1300

Event Details
You have reserved a seat in this class.
Class name 3
From Nov 17, 2011, 0700 hrs
To Nov 17, 2011, 0800 hrs
Instructor Nurse Altares
Location The New York Clinic, 99 Main St., New York, NY 11111
Availability 3 seats remaining
Message class instructor
– Cancel Reservation

Once it is clicked, the slots turn gray and the selected date turns blue. *Event Details* on the right change to display specific details including class duration, instructor, location, available spots, and the option "Message class instructor." The user may also choose "Cancel Reservation."

The user clicks "Schedule Class" on the left under the *Recommended* section.



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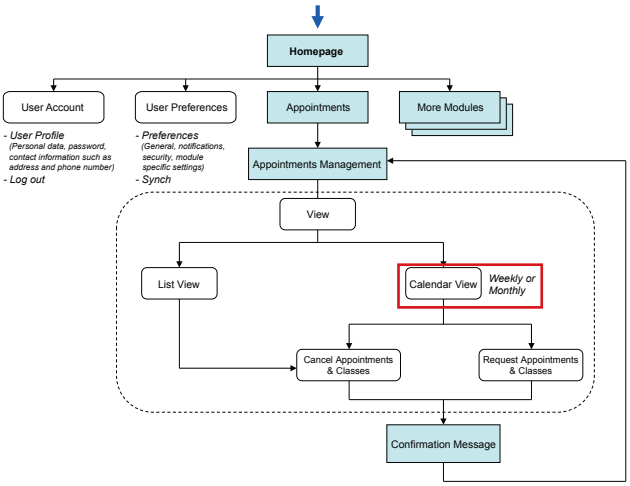
APPOINTMENTS: VIEW AVAILABILITY FOR CLASSES

Upon clicking, all available dates for the selected class light up in the weekly calendar view along with information regarding seats available in the particular class. The user's previously schedule is displayed.

The user chooses to select one of the offered classes.



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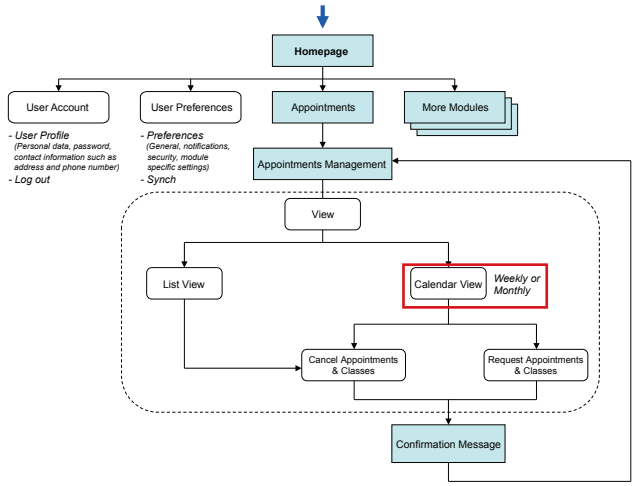
APPOINTMENTS: SCHEDULE A CLASS

Once it is clicked, the selected slot turns blue. *Event Details* on the right change to display specific details including class duration, instructor, location, available spots, and the option "Message class instructor." The user may also choose "Schedule Another" or "Cancel Reservation."

The user clicks "Schedule Another" on the right under the *Event Details* section.



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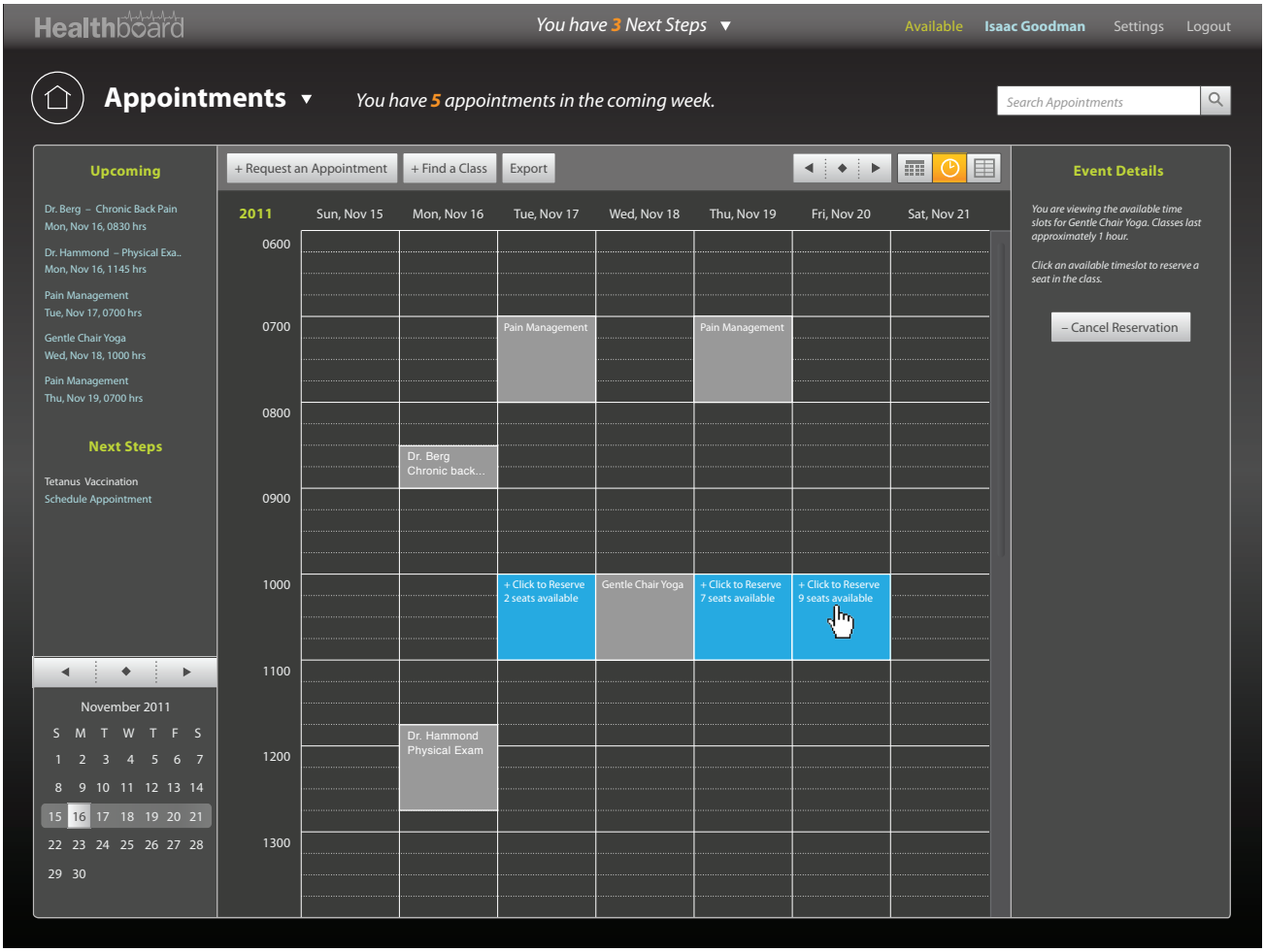
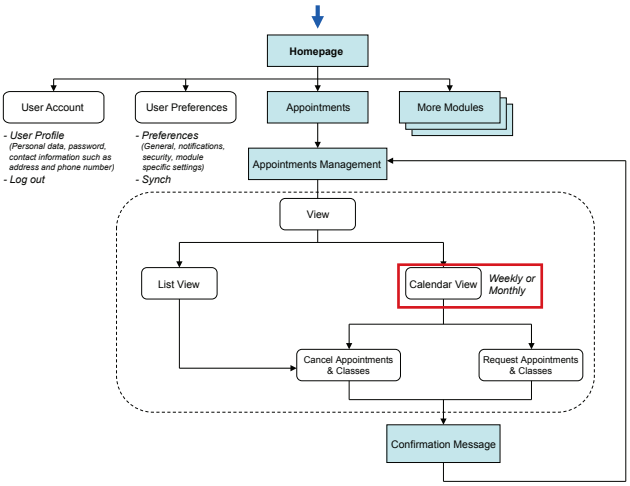
APPOINTMENTS: VIEW AVAILABILITY FOR CLASSES



Upon clicking, all available classes light up in the weekly calendar view along with information regarding spaces open in the available classes. The user's previously schedule is displayed.

The user chooses to select one of the offered classes.



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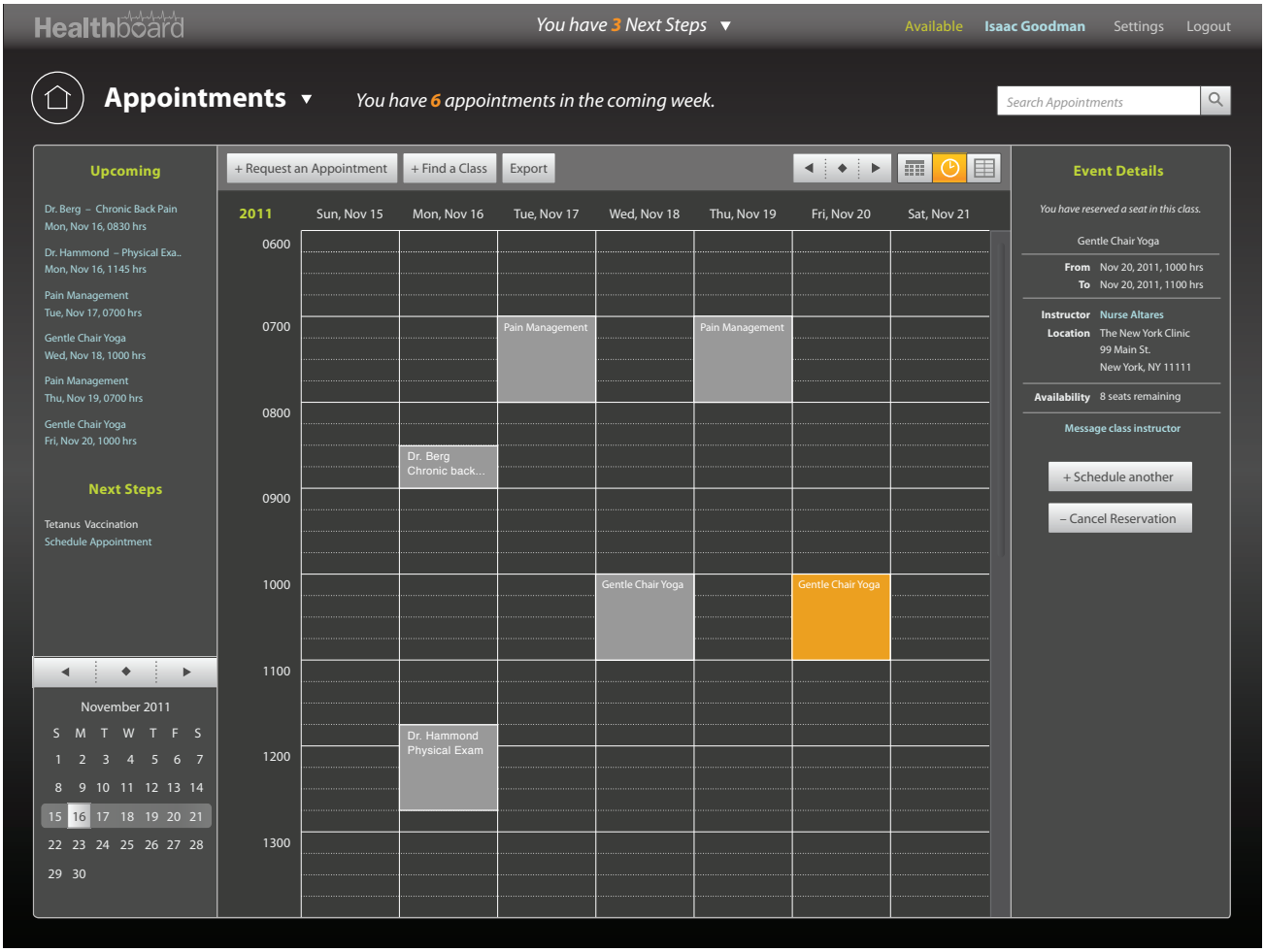
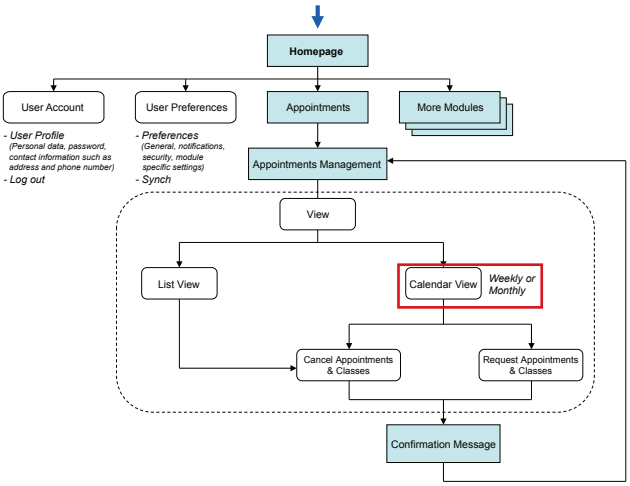
APPOINTMENTS: SCHEDULE A CLASS



Once it is clicked, the selected slot turns blue. *Event Details* on the right change to display specific details including class duration, instructor, location, available spots, and the option "Message class instructor." The user may also choose "Schedule Another" or "Cancel Reservation."



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APPOINTMENTS: TABLE VIEW

Healthboard | You have 3 Next Steps ▼ | Available | Isaac Goodman | Settings | Logout

Appointments ▼ You have 6 appointments in the coming week. Search Appointments

Upcoming

Dr. Berg – Chronic Back Pain
Mon, Nov 16, 0830 hrs

Dr. Hammond – Physical Exa..
Mon, Nov 16, 1145 hrs

Pain Management
Tue, Nov 17, 0700 hrs

Gentle Chair Yoga
Wed, Nov 18, 1000 hrs

Pain Management
Thu, Nov 19, 0700 hrs

Gentle Chair Yoga
Fri, Nov 20, 1000 hrs

Next Steps

Tetanus Vaccination
Schedule Appointment

November 2011

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

+ Request an Appointment | + Find a Class | Export

Date of Service ▼	Type	Provider	Description	Next Steps	Status
Nov 20, 2011, 1000 hrs	Class	Nurse Altares	Gentle Chair Yoga		Scheduled
Nov 19, 2011, 0700 hrs	Class	Nurse Altares	Pain Management		Scheduled
Nov 18, 2011, 1000 hrs	Class	Nurse Altares	Gentle Chair Yoga		Scheduled
Nov 17, 2011, 0700 hrs	Class	Nurse Altares	Pain Management		Scheduled
Nov 16, 2011, 1145 hrs	Appointment	Dr. Hammond	Physical Examiantion		Scheduled
Nov 16, 2011, 0830 hrs	Appointment	Dr. Berg	Chronic Back Pain		Scheduled
Oct 22, 2011, 0945 hrs	Appointment	Dr. Berg	Initial Visit	Yes	Completed

Event Details

You have reserved a seat in this class.

Gentle Chair Yoga

From Nov 20, 2011, 1000 hrs
To Nov 20, 2011, 1100 hrs

Instructor Nurse Altares
Location The New York Clinic
99 Main St.
New York, NY 11111

Availability 8 seats remaining

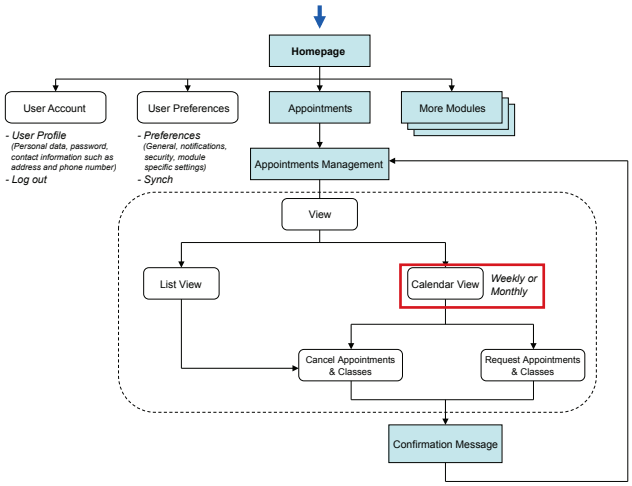
Message class instructor

+ Schedule another

– Cancel Reservation

This view shows the table view of the appointments module. It can be accessed using the buttons in the upper right of the action bar.

When the patient searches appointments, the table view is useful for presenting search matches. It also provides a list of every appointment the patient has ever had/has scheduled in a single screen.



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APPOINTMENTS: TABLE VIEW

Healthboard | You have 3 Next Steps ▼ | Available | Isaac Goodman | Settings | Logout

Appointments ▼ | You have 6 appointments in the coming week. | Search Appointments

Upcoming

Dr. Berg – Chronic Back Pain
Mon, Nov 16, 0830 hrs

Dr. Hammond – Physical Exa..
Mon, Nov 16, 1145 hrs

Pain Management
Tue, Nov 17, 0700 hrs

Gentle Chair Yoga
Wed, Nov 18, 1000 hrs

Pain Management
Thu, Nov 19, 0700 hrs

Gentle Chair Yoga
Fri, Nov 20, 1000 hrs

Next Steps

Tetanus Vaccination
Schedule Appointment

November 2011

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

+ Request an Appointment | + Find a Class | Export

Date of Service ▼	Type	Provider	Description	Next Steps	Status
Nov 20, 2011, 1000 hrs	Class	Nurse Altares	Gentle Chair Yoga		Scheduled
Nov 19, 2011, 0700 hrs	Class	Nurse Altares	Pain Management		Scheduled
Nov 18, 2011, 1000 hrs	Class	Nurse Altares	Gentle Chair Yoga		Scheduled
Nov 17, 2011, 0700 hrs	Class	Nurse Altares	Pain Management		Scheduled
Nov 16, 2011, 1145 hrs	Appointment	Dr. Hammond	Physical Examiantion		Scheduled
Nov 16, 2011, 0830 hrs	Appointment	Dr. Berg	Chronic Back Pain		Scheduled
Oct 22, 2011, 0945 hrs	Appointment	Dr. Berg	Initial Visit	Yes	Completed

Event Details

You have reserved a seat in this class.

Gentle Chair Yoga

From Nov 20, 2011, 1000 hrs
To Nov 20, 2011, 1100 hrs

Instructor Nurse Altares
Location The New York Clinic
99 Main St.
New York, NY 11111

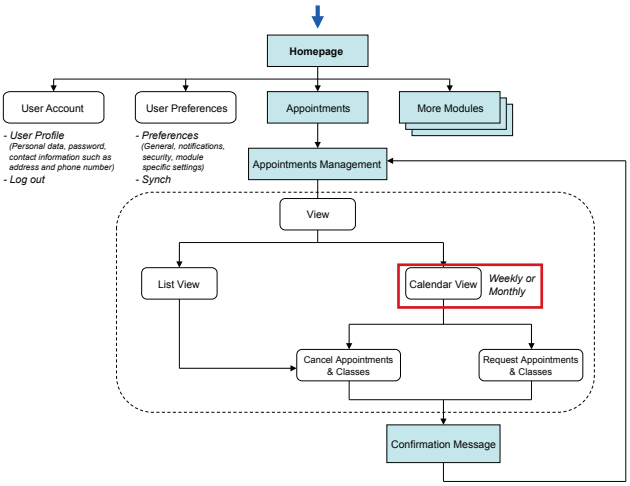
Availability 8 seats remaining

Message class instructor

+ Schedule another

– Cancel Reservation

The user hovers over to another scheduled appointment. The selected appointment remains highlighted in orange and the hovered appointment is highlighted in a blue tint.



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APPOINTMENTS: TABLE VIEW

Healthboard
You have 3 Next Steps
Available Isaac Goodman Settings Logout

Appointments
You have 6 appointments in the coming week.
Search Appointments

Upcoming

Dr. Berg – Chronic Back Pain
Mon, Nov 16, 0830 hrs

Dr. Hammond – Physical Exa..
Mon, Nov 16, 1145 hrs

Pain Management
Tue, Nov 17, 0700 hrs

Gentle Chair Yoga
Wed, Nov 18, 1000 hrs

Pain Management
Thu, Nov 19, 0700 hrs

Gentle Chair Yoga
Fri, Nov 20, 1000 hrs

Next Steps

Tetanus Vaccination
Schedule Appointment

November 2011

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

+ Request an Appointment | + Find a Class | Export

Date of Service	Type	Provider	Description	Next Steps	Status
Nov 20, 2011, 1000 hrs	Class	Nurse Altares	Gentle Chair Yoga		Scheduled
Nov 19, 2011, 0700 hrs	Class	Nurse Altares	Pain Management		Scheduled
Nov 18, 2011, 1000 hrs	Class	Nurse Altares	Gentle Chair Yoga		Scheduled
Nov 17, 2011, 0700 hrs	Class	Nurse Altares	Pain Management		Scheduled
Nov 16, 2011, 1145 hrs	Appointment	Dr. Hammond	Physical Examiantion		Scheduled
Nov 16, 2011, 0830 hrs	Appointment	Dr. Berg	Chronic Back Pain		Scheduled
Oct 22, 2011, 0945 hrs	Appointment	Dr. Berg	Initial Visit	Yes	Completed

Event Details

Dr. Gregory Berg, Team 1

From Oct 22, 2011, 0945 hrs
To Oct 22, 2011, 1045 hrs

Type Routine
Classification Outpatient
RFV Initial Visit

Phone (999) 999-9999
Address The New York Clinic
99 Main St.
New York, NY 11111

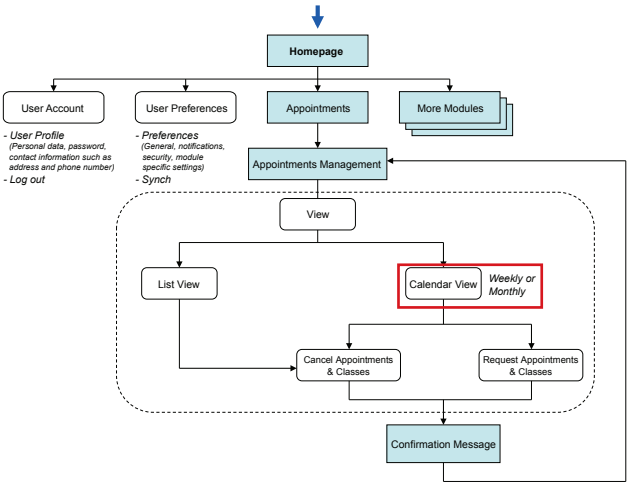
Next Steps

- It's time for your Tetanus Vaccination. Schedule one as soon as possible.
- Think about signing up for the Gentle Chair Yoga class. It's helped my some of my other patients.
- Check out some of the other classes we offer and see if any appeal to you.

Message Team 1

+ Schedule another

The user can view the next steps for an appointment. When the user clicks on an appointment, the detail description of the next steps also appear in the right column.



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Messages

INTRODUCTION This section of the Detailed GUI Volume documents the design of the Patient Portal's *Messages* module for the Visual Dashboard for a Patient Centered Medical Home (PCMH). The documentation includes both workflow diagrams and visual models: the workflow diagrams detail the user experience and interactions within this module, and the visual models present graphic assets and elements within this module.

The following are high-level objectives for *Messages*:

- To facilitate user interaction for two-way communication between the provider team and patients.
- To allow the user to send third-party reports such as lab results and radiology images to providers.

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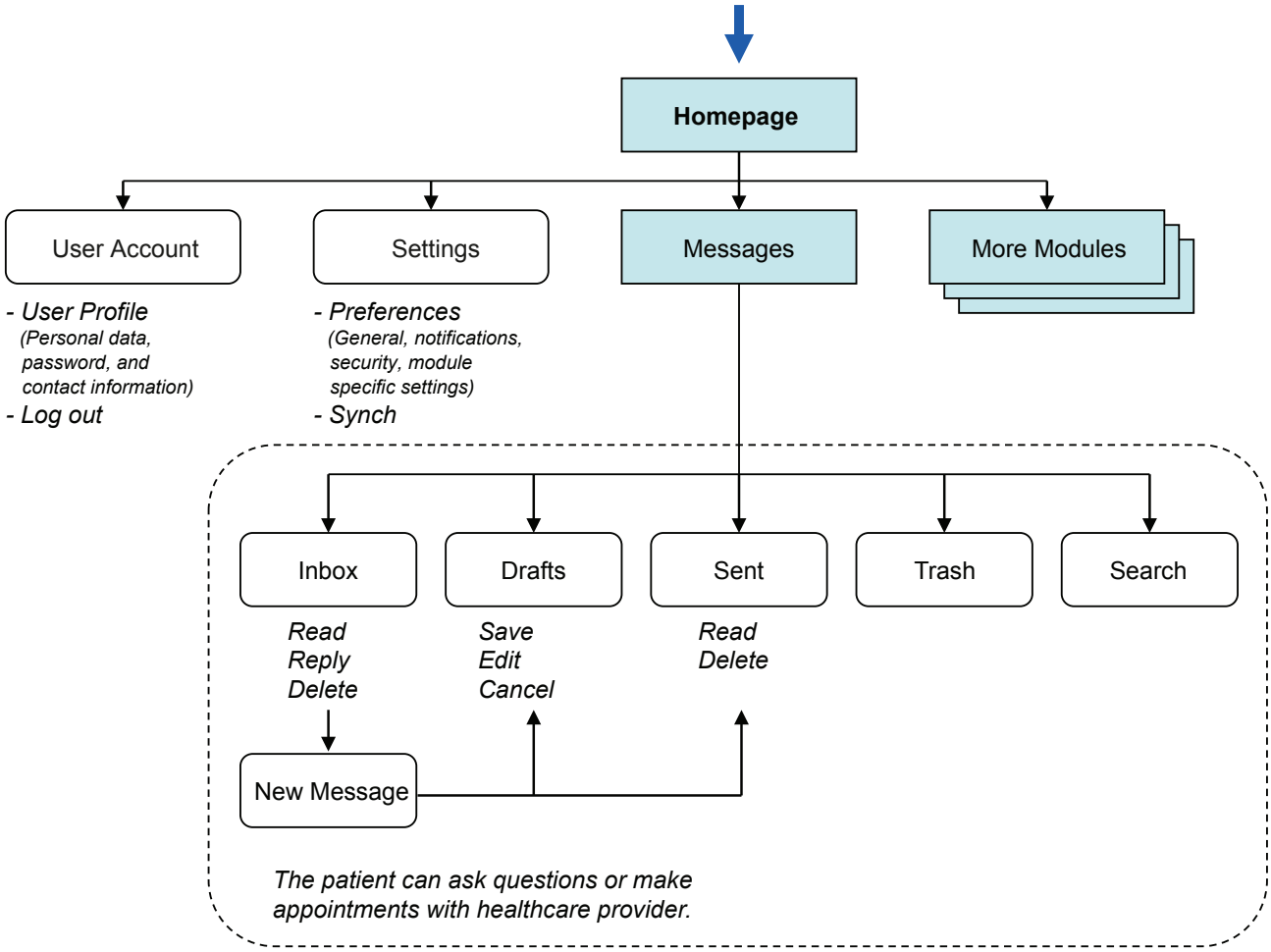
FLOWCHART FOR MESSAGES MODULE



LEGEND

- Gateway to the site
- Relationships between pages and/or components
- Page
- Page components
- Groups of related pages

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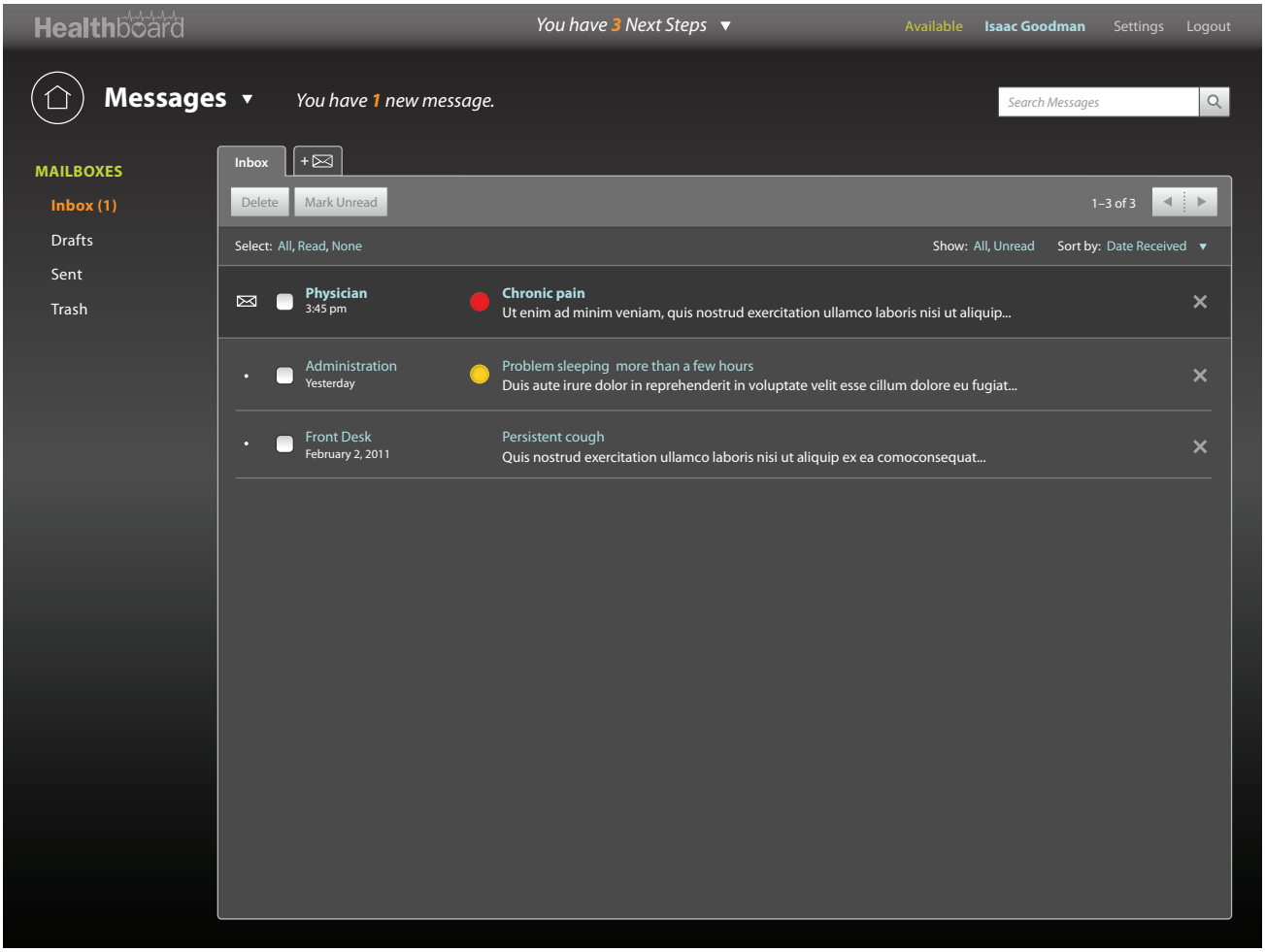
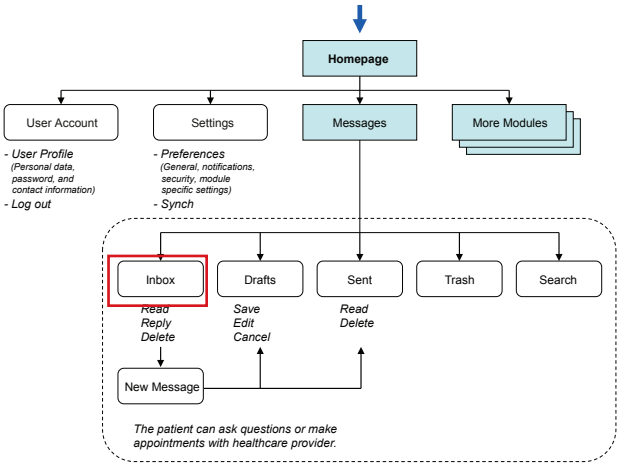
MESSAGES: INBOX



When entering the detail view of the messages module, the user first sees the message inbox tab. From the left-hand navigation, the user can navigate to "Drafts," "Sent," or "Trash." Clicking any of these links will open the link in a new tab.

Messages are displayed in the content area, preceded by two icons. The leftmost set of icons indicates the user interaction status of the message: A unopened letter indicates the message is unread; a miniscule dot indicates the letter has been read; an arrow icon indicates that the user has replied to the message. The second icon set, the color-coded dots, indicate urgency: red dots indicate the message is "Very Urgent" and yellow dots indicate the message is "Urgent." If the message does not have a dot, it is "Not Urgent." Actions that can be performed on the content are displayed above in the tab's toolbar. The right of this toolbar contains pagination information and arrows for navigating these pages.



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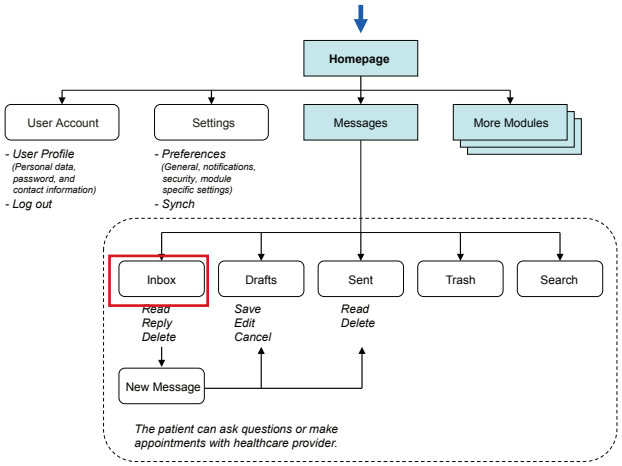
MESSAGES: INBOX

Healthboard
You have 3 Next Steps
Available Isaac Goodman Settings Logout
Messages
You have 1 new message.
Search Messages
MAILBOXES
Inbox (1)
Drafts
Sent
Trash
Inbox
Delete Mark Unread
1–3 of 3
Select: All, Read, None
Show: All, Unread
Sort by: Date Received
Physician 3:45 pm
Chronic pain
Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Administration Yesterday
Problem sleeping more than a few hours
Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat...
Front Desk February 2, 2011
Persistent cough
Quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat...

If a patient clicks on a particular message, that message opens up in a new tab.



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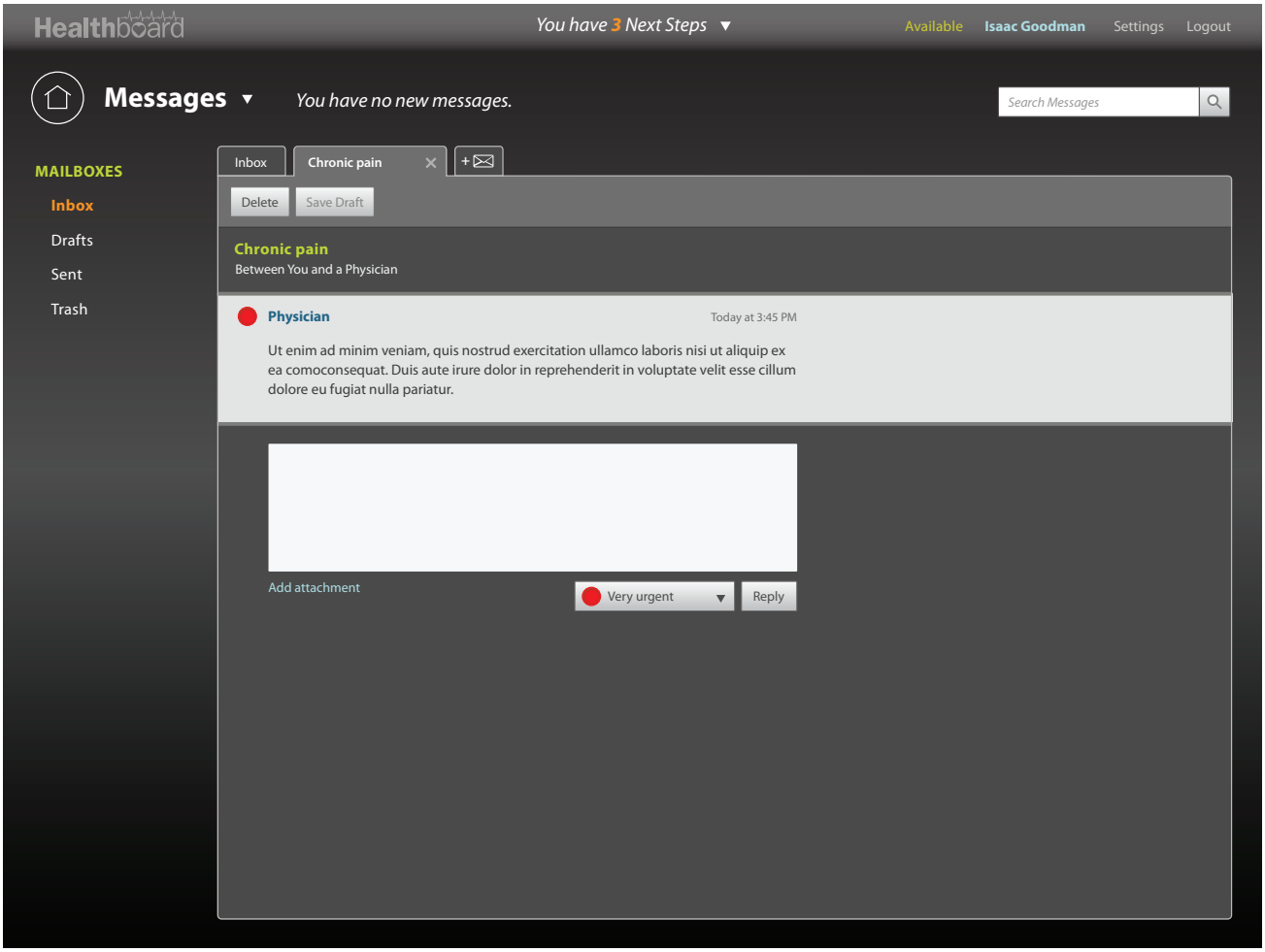
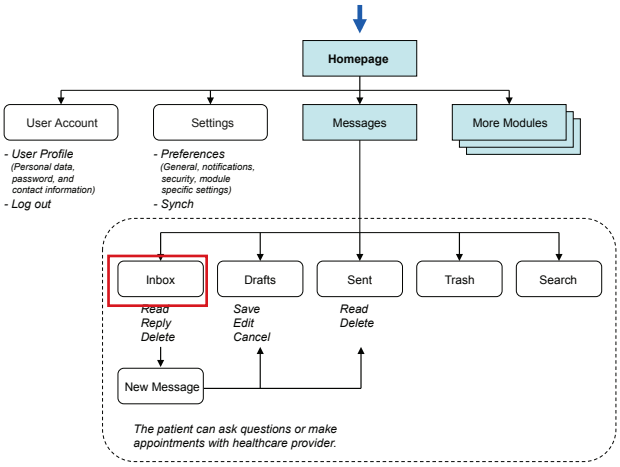
MESSAGES: VIEWING A CONVERSATION



After the patient selects a message, that message opens up in a new tab titled after the message. The message subject is displayed, followed by a list of the participants in the conversation.

Each message in the conversation follows. Each message is composed of the following elements: urgency, sender name, time of message, and a message body. Attachments are optional.

The patient is from here able to quickly type a reply, as the reply field is already displayed. The default urgency for a response should match the urgency level of the message preceding it.



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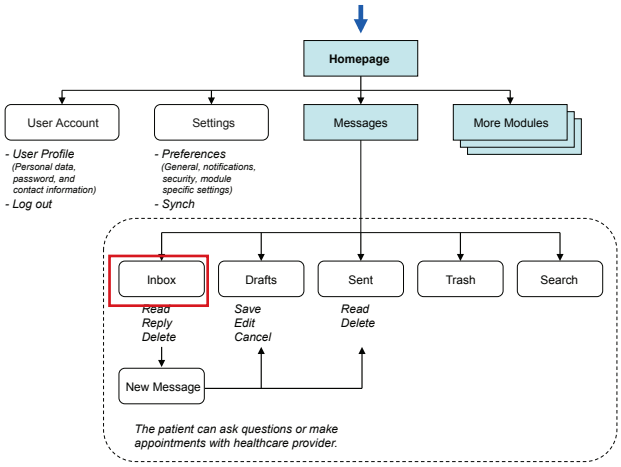
MESSAGES: CREATING A RESPONSE

Healthboard
You have 3 Next Steps
Available Isaac Goodman Settings Logout
Messages
You have no new messages.
Search Messages
MAILBOXES
Inbox
Drafts
Sent
Trash
Inbox Chronic pain
Delete Save Draft
Chronic pain
Between You and a Physician
Physician Today at 3:45 PM
Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.
Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.
Add attachment
Very urgent
Reply

The patient has entered a response and is now opting to "Add attachment."



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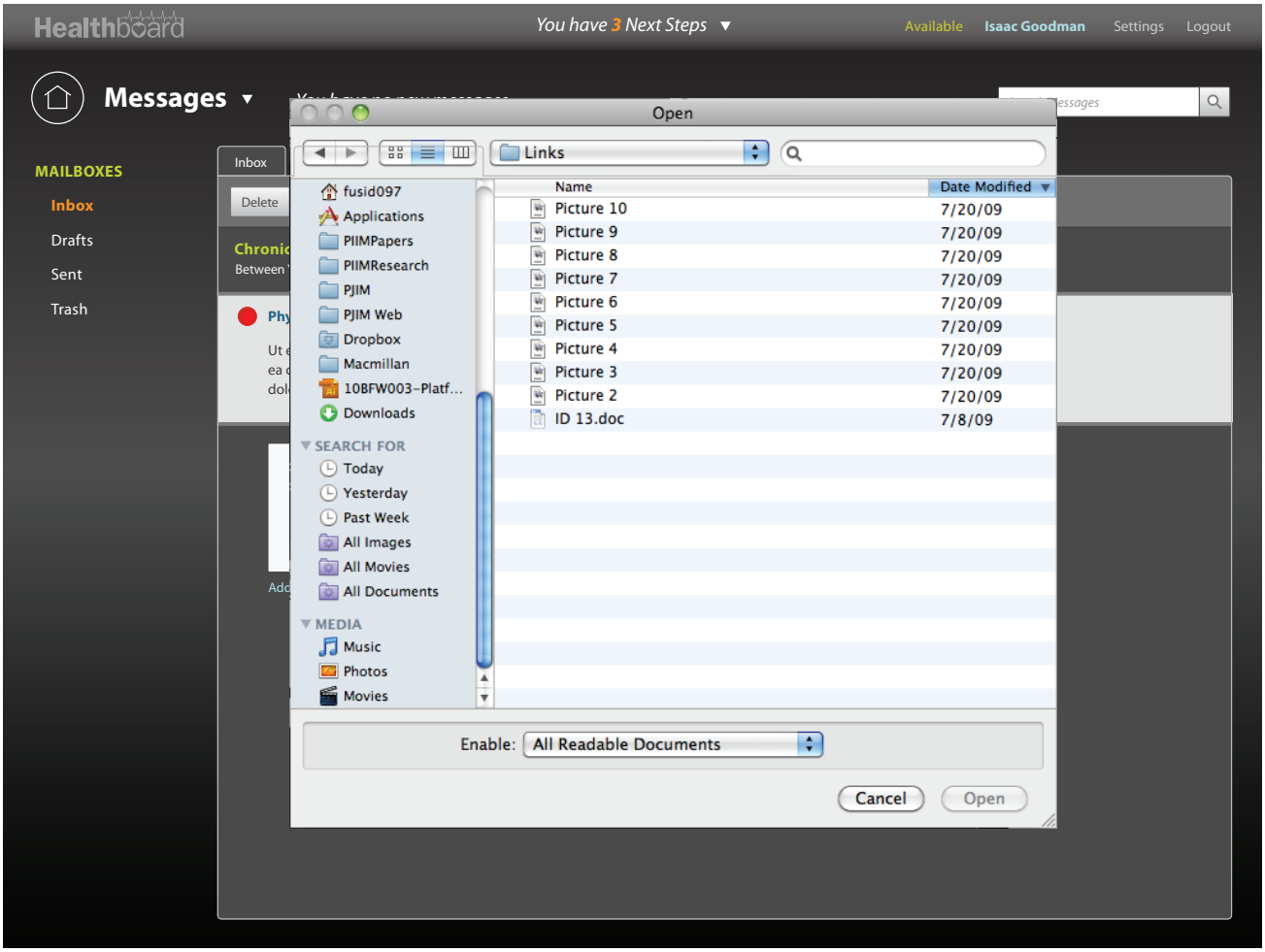
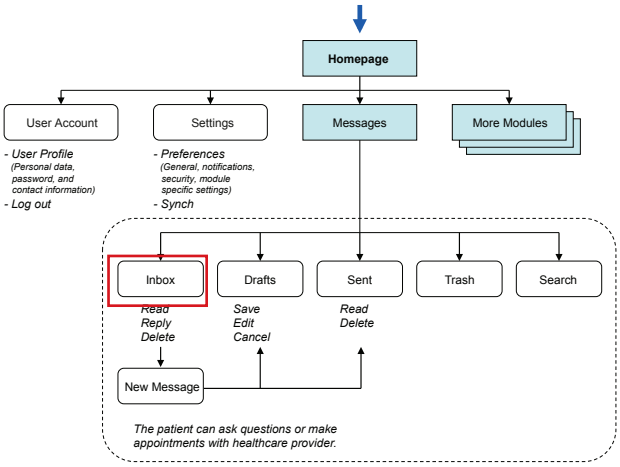
MESSAGES: ADDING AN ATTACHMENT



The patient selects an attachment using his/her OS's Open dialog box.



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MESSAGES: SENDING A RESPONSE

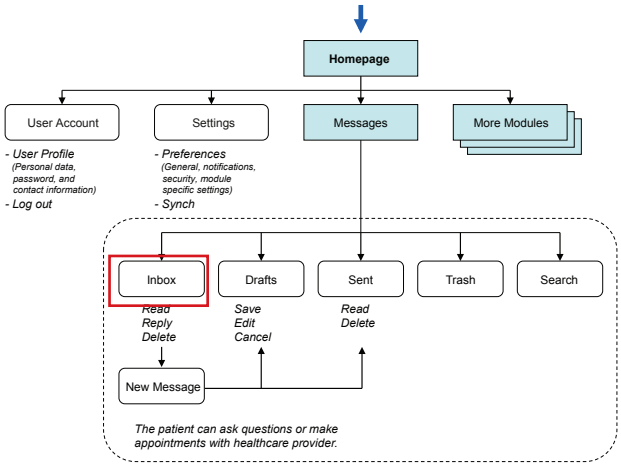
Healthboard
You have 3 Next Steps
Available Isaac Goodman Settings Logout
Messages
You have no new messages.
Search Messages
MAILBOXES
Inbox
Drafts
Sent
Trash
Inbox Chronic pain
Delete Save Draft
Chronic pain
Between You and a Physician
Physician Today at 3:45 PM
Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.
Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.
2 attachments
imagefile.jpg (2MB)
nonimagefile.doc (138KB)
nonimagefile.doc (2MB)
Attach another file
Very urgent
Reply

After the user adds an attachment, it displays one of two ways:

- If the file is an image, it will be displayed next. Hovering over this image displays an "x" in the upper right hand corner of the image. Clicking this "x" removes the attached image.

- If the file is not an image file, it is attached next to the message field. Clicking the "x" next to these files should remove the attachment.

Once finished composing a response, the patient clicks "Send."



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MESSAGES: RESPONSE SENT

Healthboard
You have 3 Next Steps
Available Isaac Goodman Settings Logout

Messages
Your message have been sent.
Search Messages

MAILBOXES
Inbox
Drafts
Sent
Trash

Inbox | Chronic pain

Delete Save Draft

Chronic pain
Between You and a Physician

Physician Today at 3:45 PM
Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

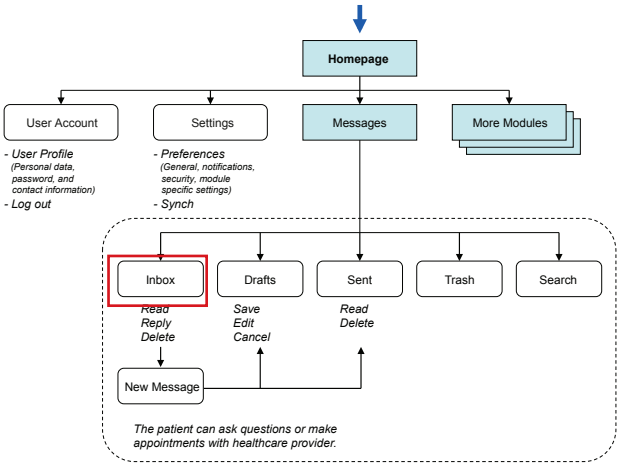
You Today at 3:55 PM
Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

2 attachments — View All Download All
imagefile.jpg (2MB) View Download
nonimagefile.doc (138KB) View Download

Click here to Reply, Replay to all, or Forward
Add attachment
Very urgent Send Save Cancel

Once the patient clicks send, they see the posted version of their message in the conversation. This acts as confirmation that the message has been sent. A verification message also appears at the top.

The user may click the "x" on the message tab or select the inbox tab to return to the message inbox.



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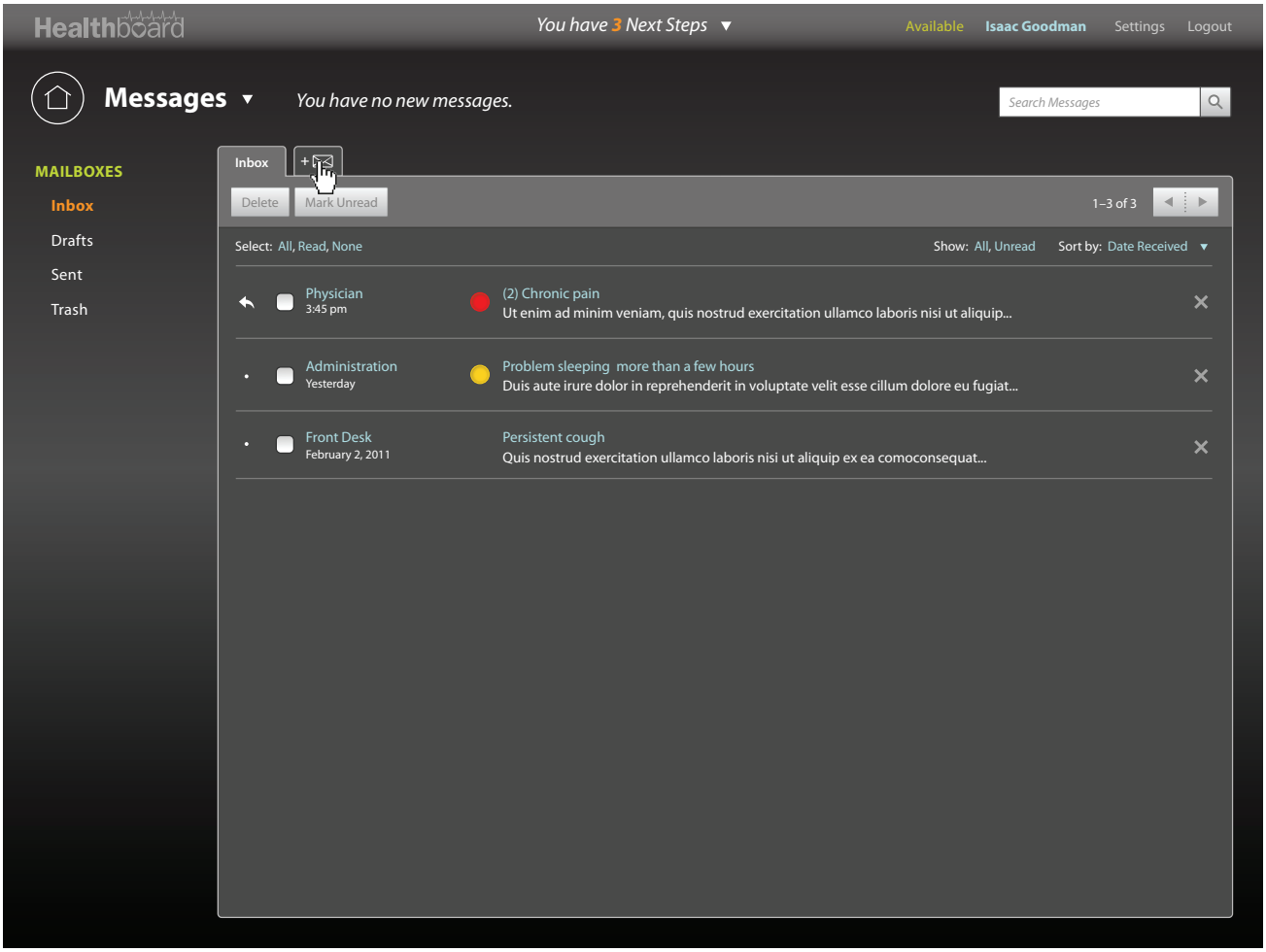
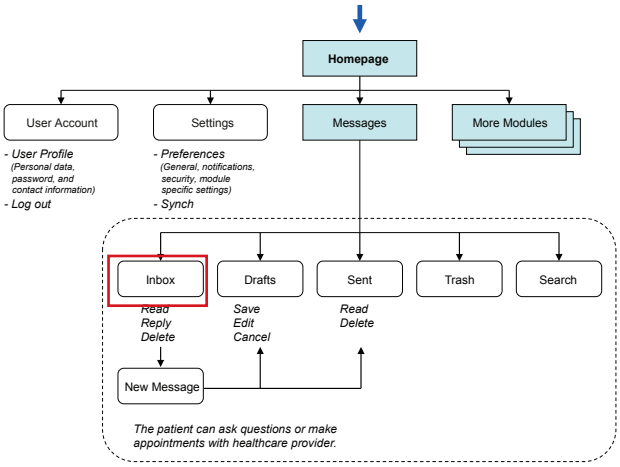
MESSAGES: INBOX



The patient is returned to the inbox once the message tab has been closed. A "(2)" is now present in front of the first conversation in the inbox because it is now composed of two messages: the original and the patient's recent response. Additionally, the "Read" icon is replaced with a backwards pointing arrow to indicate that the user has replied to the message. The recently opened message has also lost its dark background and bold text for sender and subject (these also indicated "Unread" status).

The user is able to toggle the interaction status of a read message back to unread by clicking the "Replied" icon or the dot next to "Read" messages. This will reapply the "Unread" status to the message. Read messages will regain the unread icon, the dark background, and the bold text treatment. Replied messages will regain only the dark background and bold text treatment.

The user decides to click the new message tab to create a new message.



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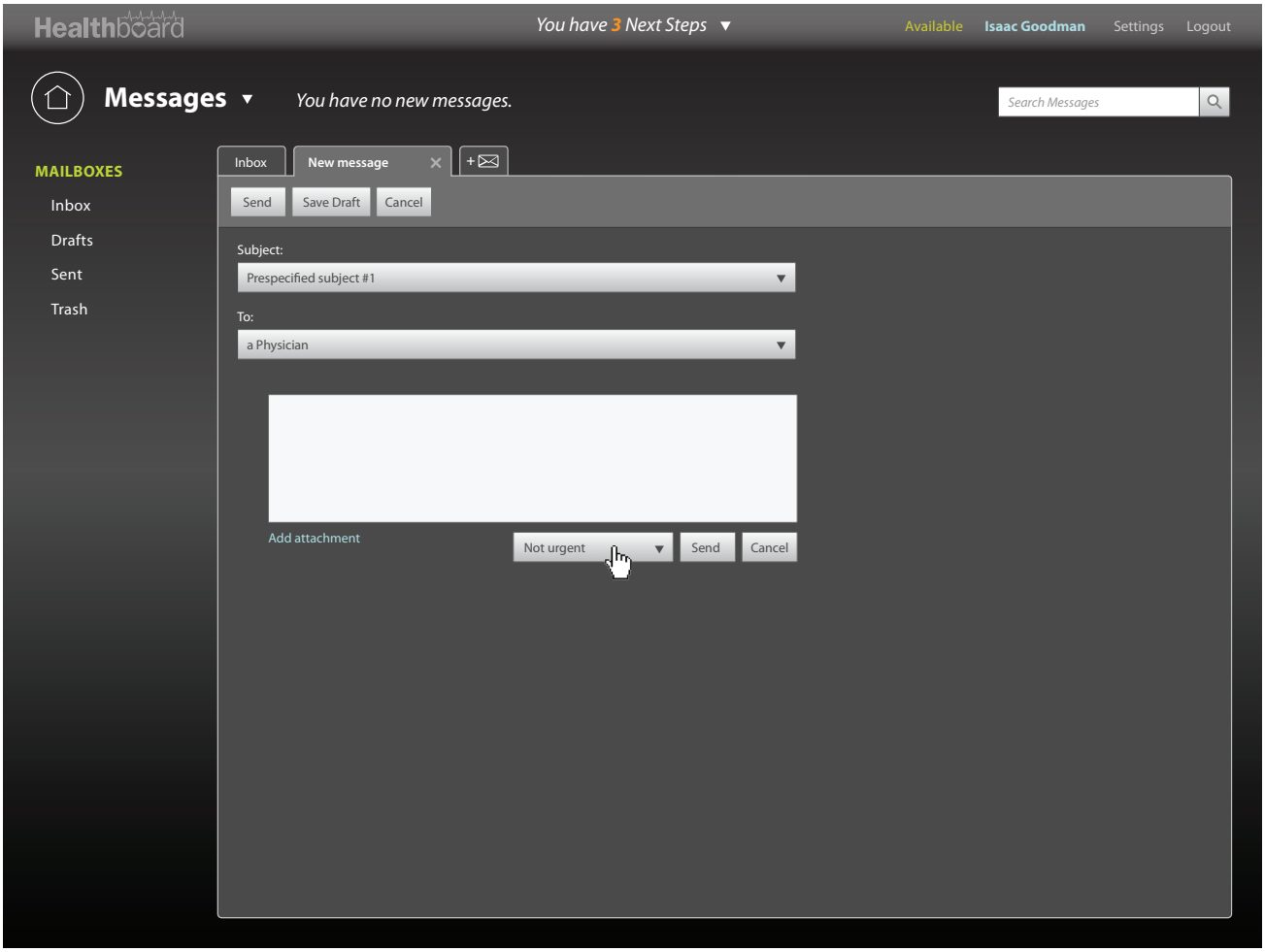
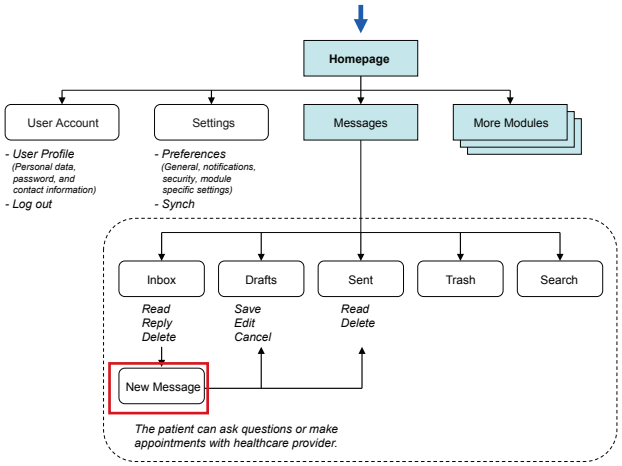
MESSAGES: NEW MESSAGE



A new message tab opens. This tabbing system solves a common problem in web-based email systems: usually, if a user needs to reference an existing message while composing a new one, the user must first save the message-in-progress as a draft or risk losing his/her work. With a tabbed web-based email interface, the user is able to switch between multiple tabs without saving or losing compositions-in-progress.

The patient first selects a subject for the message from a predefined dropdown list. This action autoselects the recipient of the message. In order to accommodate the provider's team workflow, only a few options are available for recipient: "a Physician," "a Nurse," "an Administrator," or "Front Desk."

Additionally, the default urgency of a new message is "Not urgent."



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MESSAGES: CREATING A NEW MESSAGE

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Messages | You have no new messages. | Search Messages

MAILBOXES
- Inbox
- Drafts
- Sent
- Trash

Inbox | New message

Send | Save Draft | Cancel

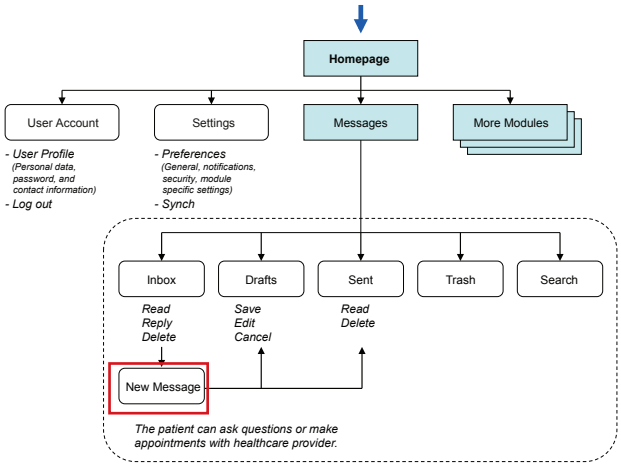
Subject: Scheduling an Appointment

To: a Nurse

Charlie seems worse—he hardly slept last night. Lorem ipsum dolor sit amet, consec sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

Add attachment | Somewhat urgent | Send | Cancel

The patient composes the message and clicks "Send."



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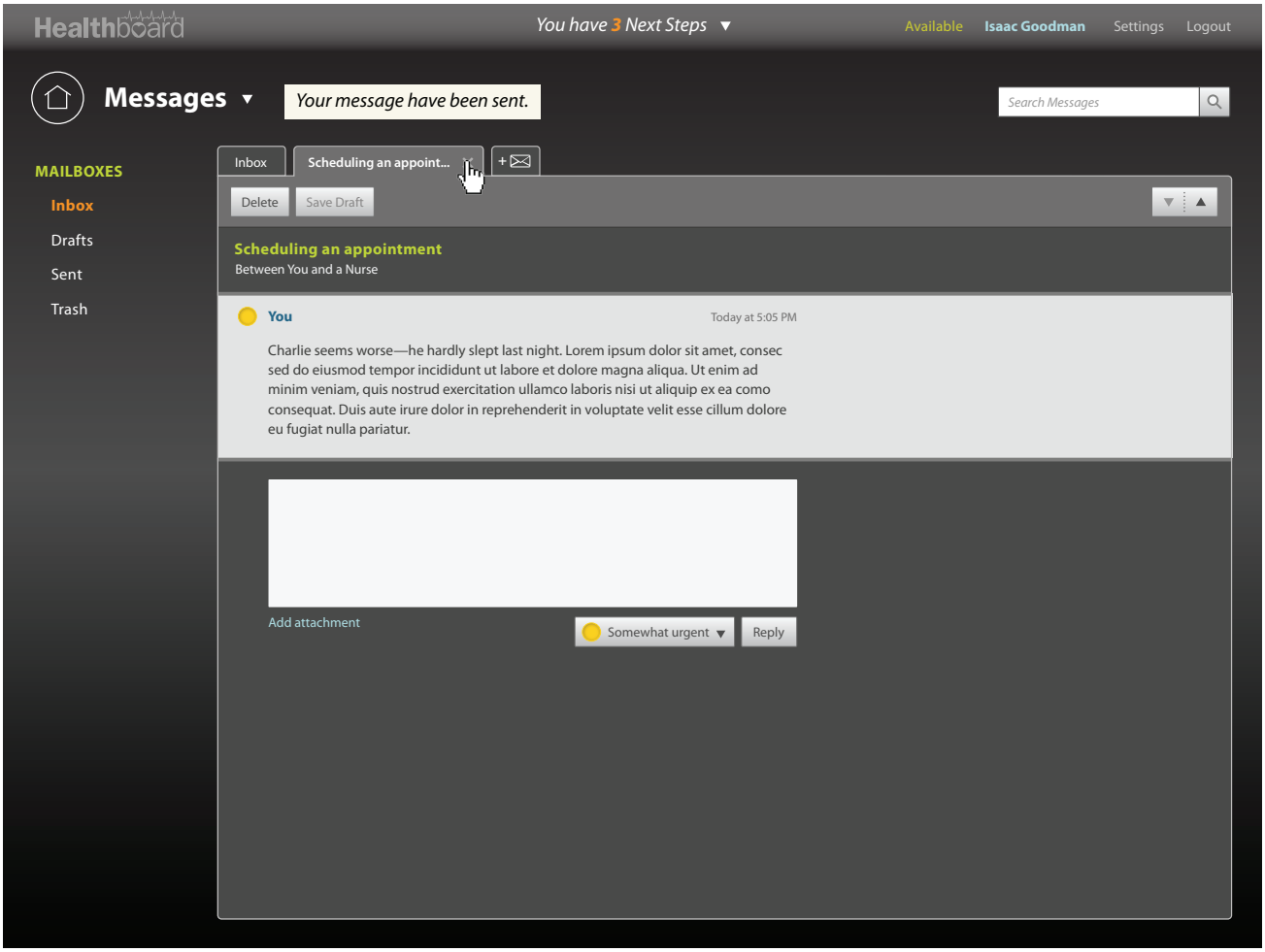
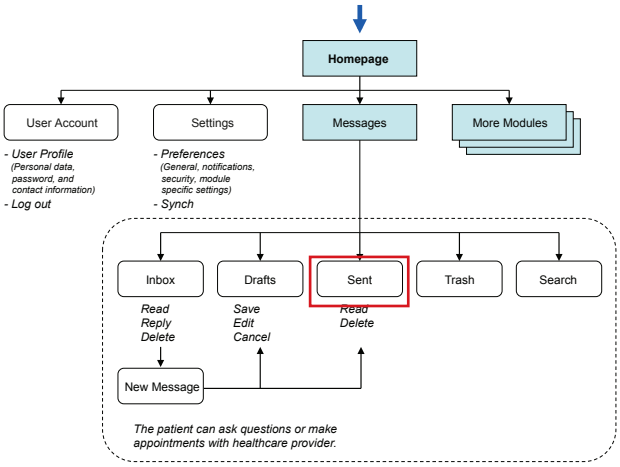
MESSAGES: NEW MESSAGE SENT



The message is sent. The new display provides confirmation, as well as the verification message located on top.

The patient closes the conversation tab.



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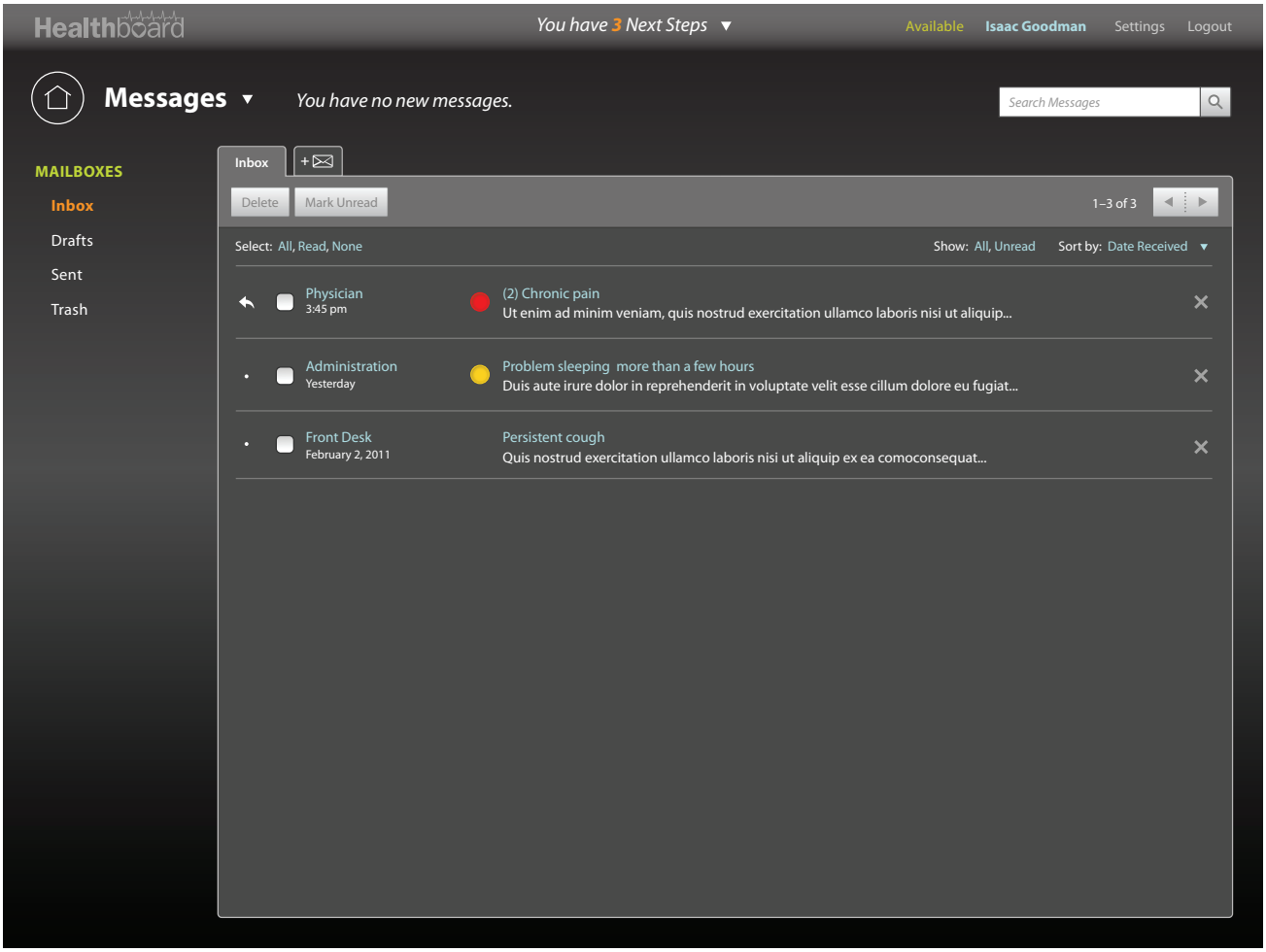
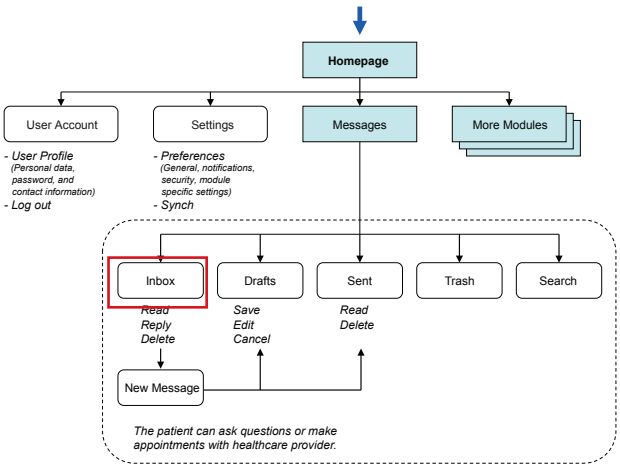
MESSAGES: INBOX



The patient is returned to the inbox. No response from the Nurse has appeared yet. If the patient wishes to view the recently sent message, the "Sent" box should be accessed.



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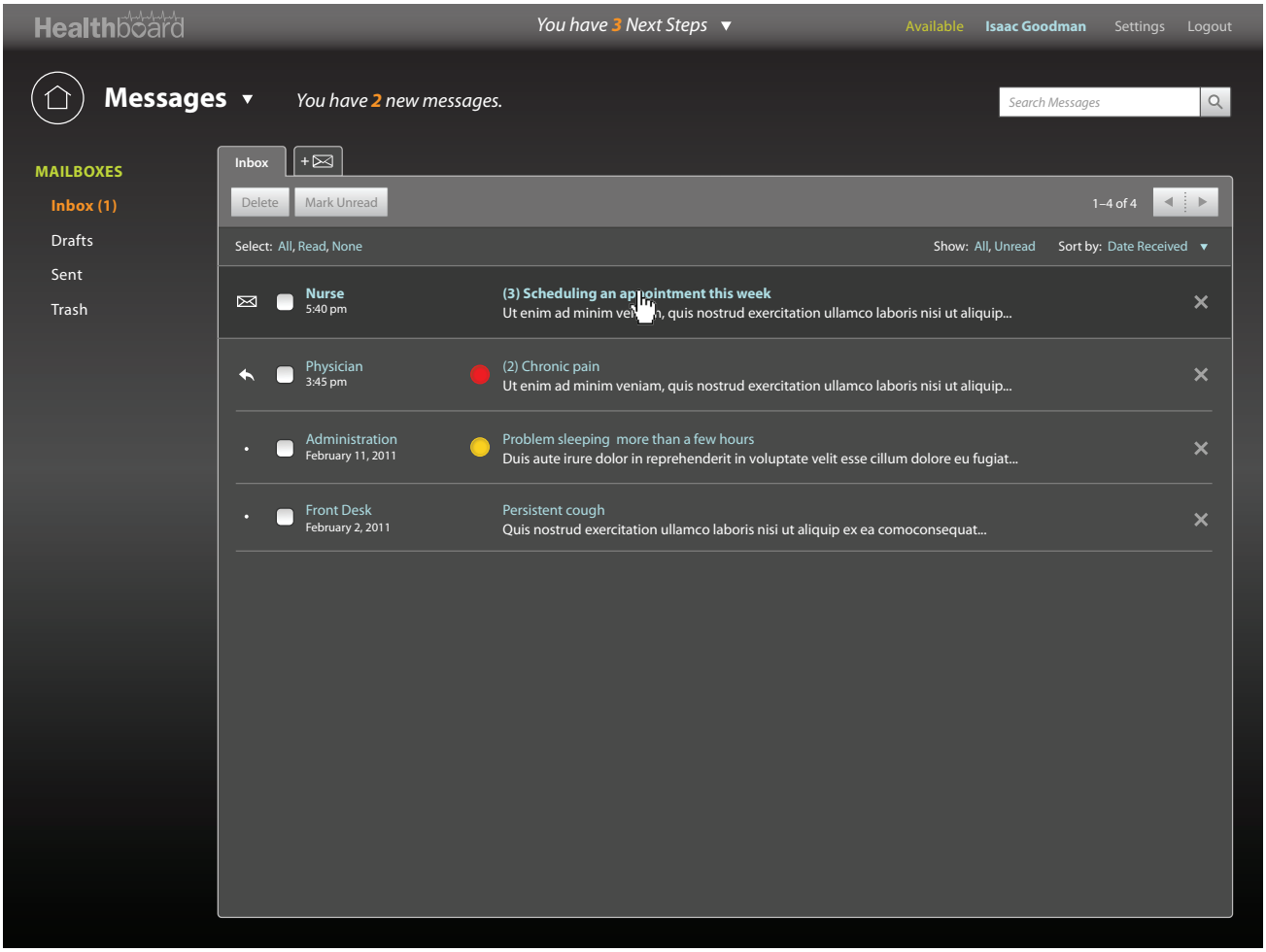
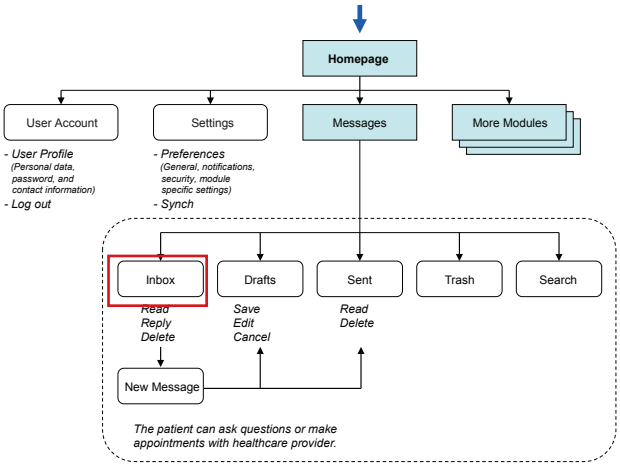
MESSAGES: RESPONSES RECEIVED



An hour later, two responses appear in the patient's inbox. Messages that are part of the same thread are collapsed into a single conversation. A "(3)" is listed before this conversation because two responses have been given to the patient's original message.

The patient clicks on the conversation.



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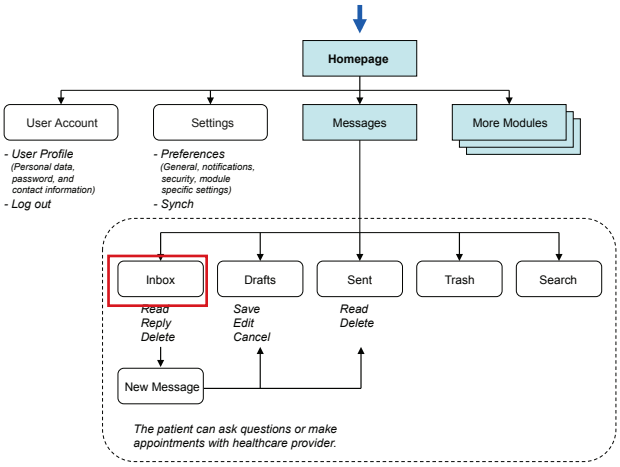
MESSAGES: VIEWING RESPONSES

Healthboard
You have 3 Next Steps
Available Isaac Goodman Settings Logout
Messages
You have no new messages.
Search Messages
MAILBOXES
Inbox
Drafts
Sent
Trash
Inbox | Scheduling an appoint...
Delete Save Draft
Scheduling an appointment this week
Between You and a Nurse
You Today at 8:45 AM
Charlie seems worse—he hardly slept last night. Lorem ipsum dolor sit amet, consec sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea como consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.
Nurse Today at 9:15 AM
Let me check the schedule, and I'll let you know if we can't work something out.
Nurse Today at 9:30 AM
We're able to do Thursday at 3PM. Would that work for you? If he's feeling any worse before then, be sure and give us a call. Lorem ipsum dolor sit amet, consectetur elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea como consequat.
Add attachment
Not urgent
Reply

After clicking, the conversation opens in a new tab. The nurse's two responses to the original message follow the original message. The browser window should autoscroll to the first unread message in the conversation (this is important for long conversations—it saves the user the trouble of scrolling to the bottom of the conversation to see the latest responses).

Note how the responses are from a "Nurse"—the identity of the provider team responder is not revealed.



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MESSAGES: CREATING A RESPONSE

Healthboard
You have 3 Next Steps
Available Isaac Goodman Settings Logout

Messages
You have no new messages.
Search Messages

MAILBOXES
Inbox
Drafts
Sent
Trash

Inbox | Scheduling an appoint...

Delete Save Draft

Scheduling an appointment this week
Between You and a Nurse

You Today at 8:45 AM
Charlie seems worse—he hardly slept last night. Lorem ipsum dolor sit amet, consec sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea como consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

Nurse Today at 9:15 AM
Let me check the schedule, and I'll let you know if we can't work something out.

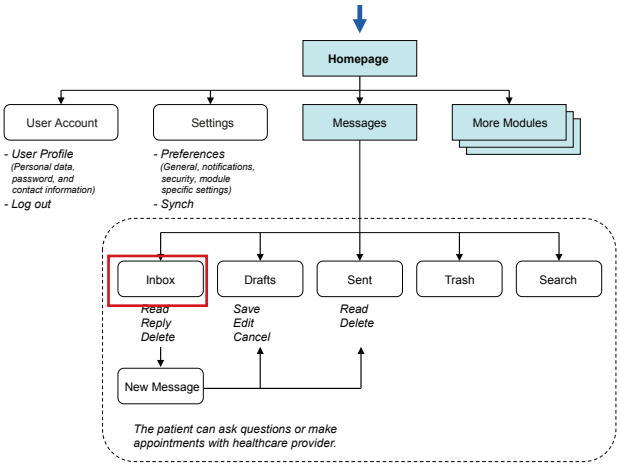
Nurse Today at 9:30 AM
We're able to do Thursday at 3PM. Would that work for you? If he's feeling any worse before then, be sure and give us a call. Lorem ipsum dolor sit amet, consectetur elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea como consequat.

That works for us!

Add attachment
Not urgent
Reply

The default urgency for a new response should be the urgency level used by the most recent message in the conversation. Here, the default urgency level is "Not Urgent" because the last response by the nurse was "Not Urgent."

The patient enters a response and then clicks "Send."



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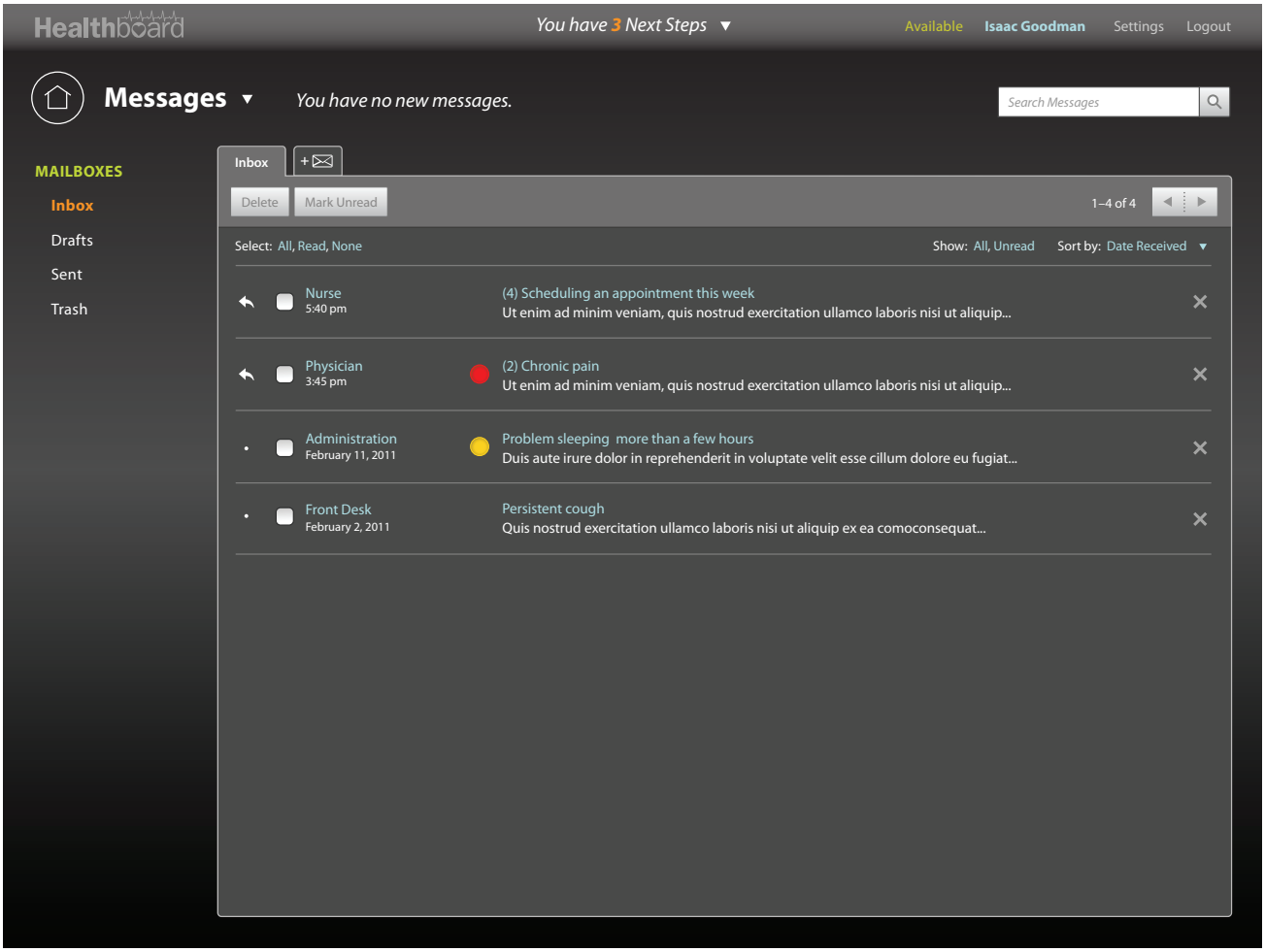
MESSAGES: INBOX

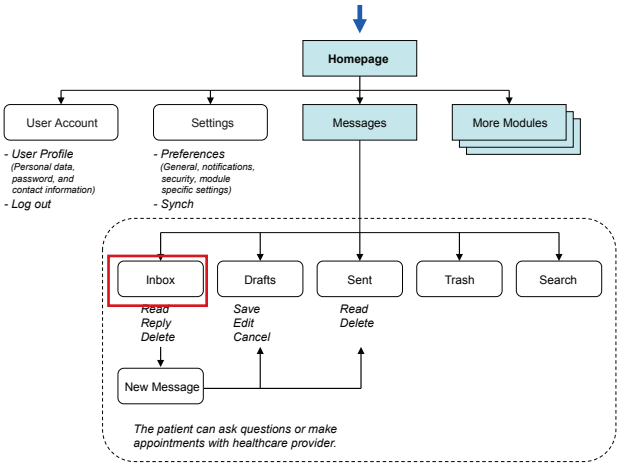


The patient returns to the inbox.

The patient can delete individual conversations by clicking the "x" to the right of each conversation. This moves the conversation to the trash.

The user can delete multiple items simultaneously by checking multiple messages or clicking "Select: All" or "Select: Read" and clicking the "Delete" in the action bar.

The patient checks a conversation.



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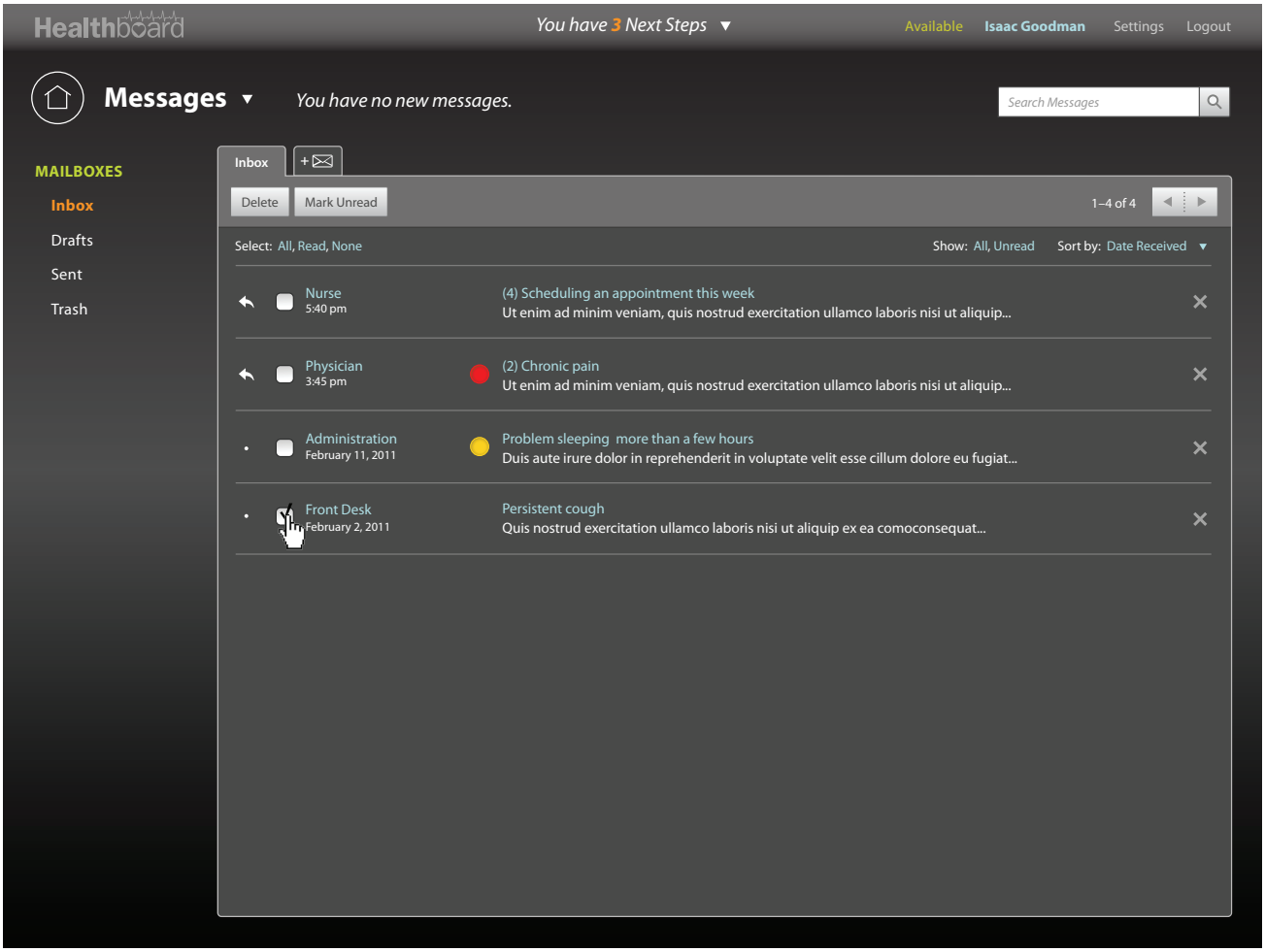
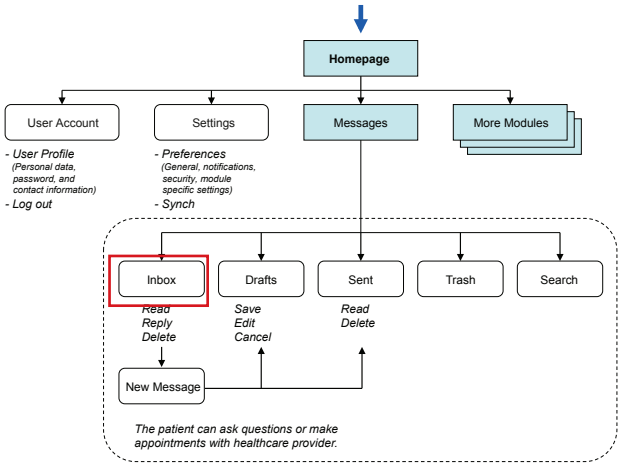
MESSAGES: DELETION METHODS



The "Delete" action is now active. Clicking this would move all checked conversations to "Trash."

Messages in the "Trash" tab are automatically deleted after thirty days. Alternatively, the user can delete messages manually in the Trash tab to permanently delete them.



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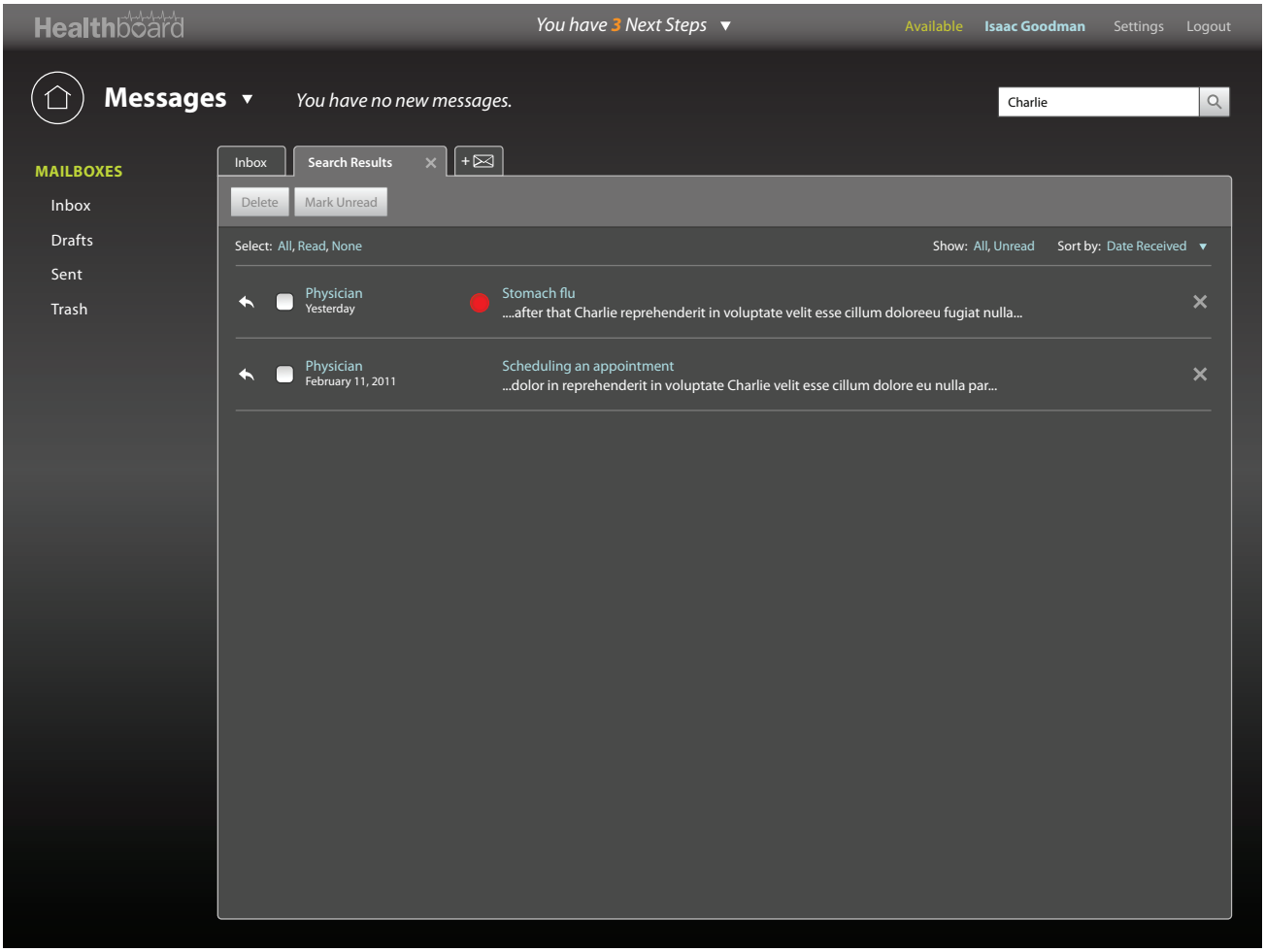
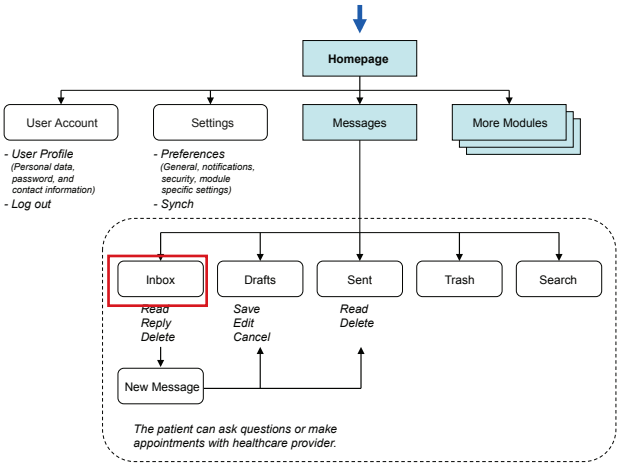
MESSAGES: SEARCHING MESSAGES



When the patient enters text into the "Search Messages" field and clicks enter or the magnifying glass, a new tab opens displaying search results.

In search results, conversations display the same information as conversations in the inbox, with one exception: The first line of text is not displayed below the subject. Instead, the line containing the search matches is displayed.



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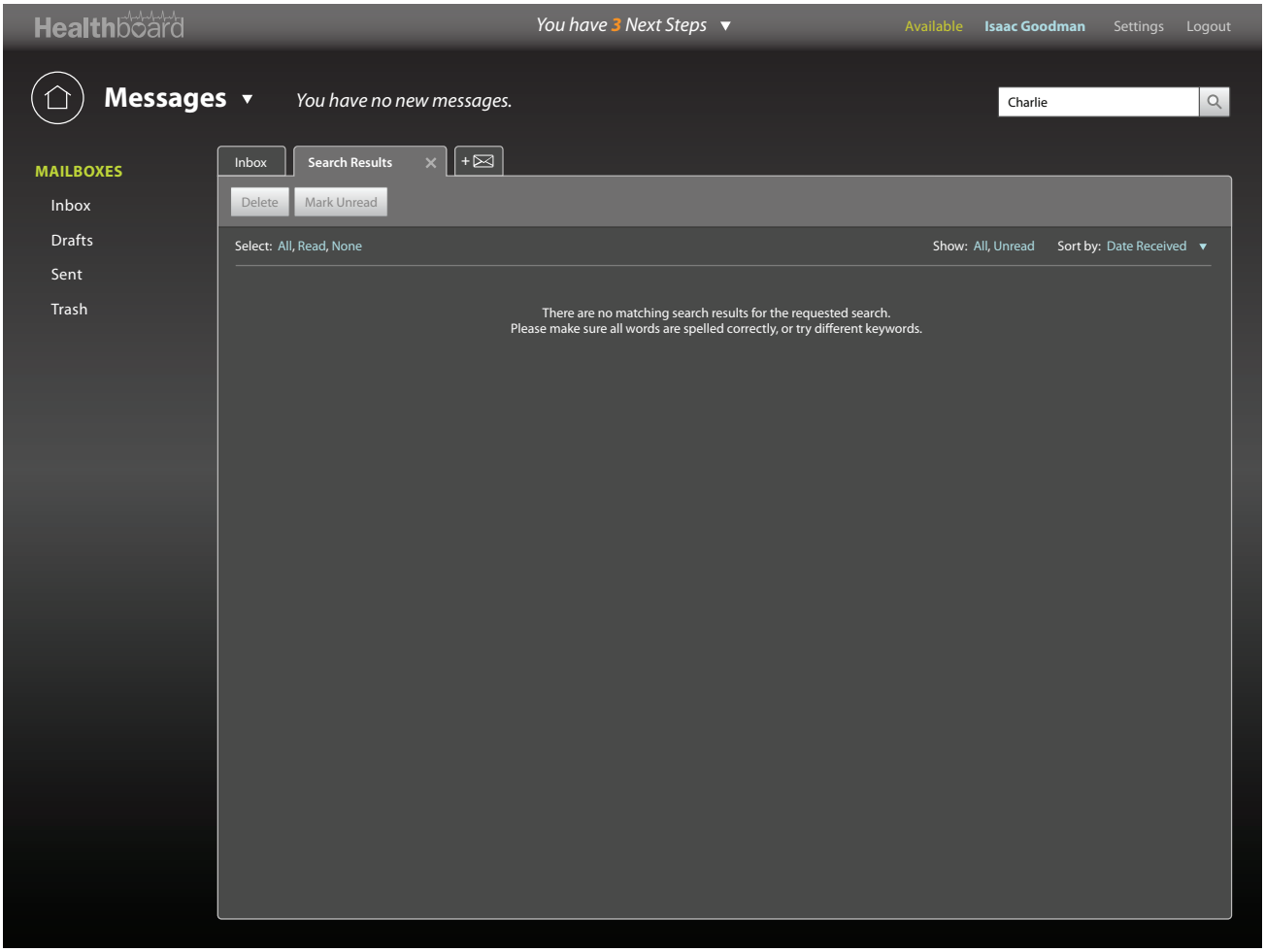
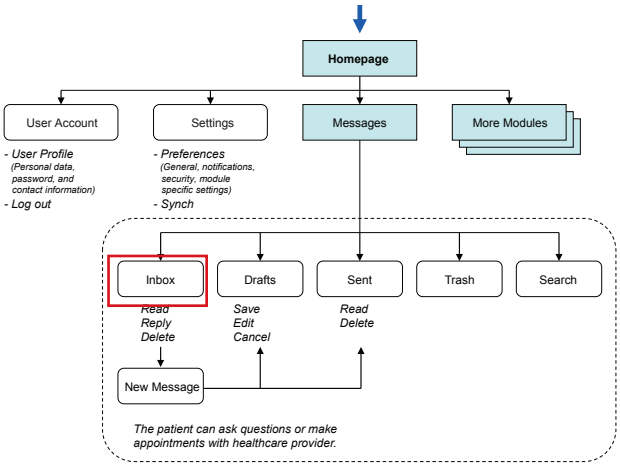
MESSAGES: NO SEARCH RESULTS



This page shows the message received if no search matches are found.



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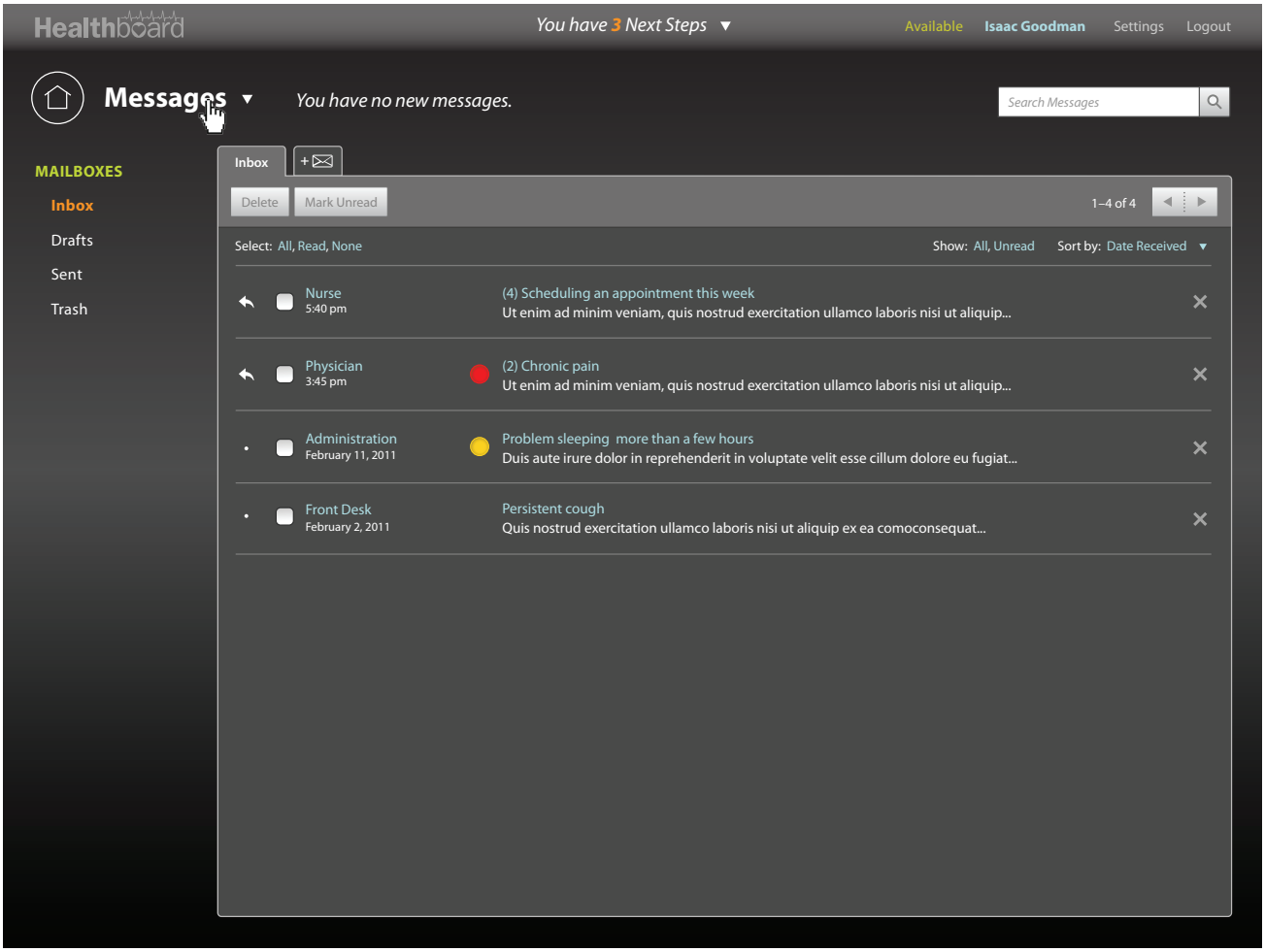
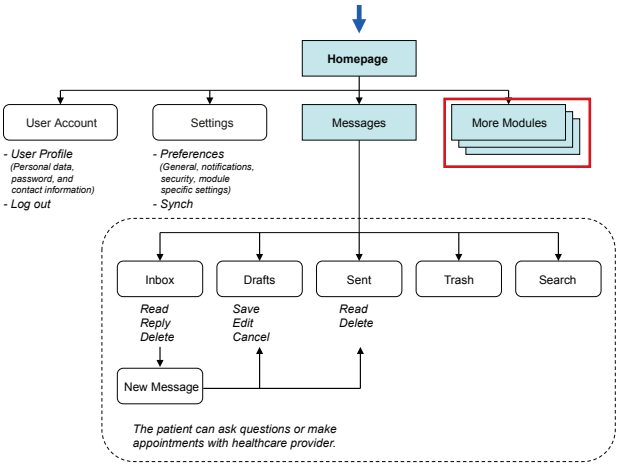
MESSAGES: OPENING MODULE NAVIGATION



Users may switch modules two ways:

- Clicking the "Home" icon will take the user back to the button or widget view (whichever they have as their home default). From there, they can navigate to another module.
- Users can also access the button drop down by clicking the current module's title (see next page).



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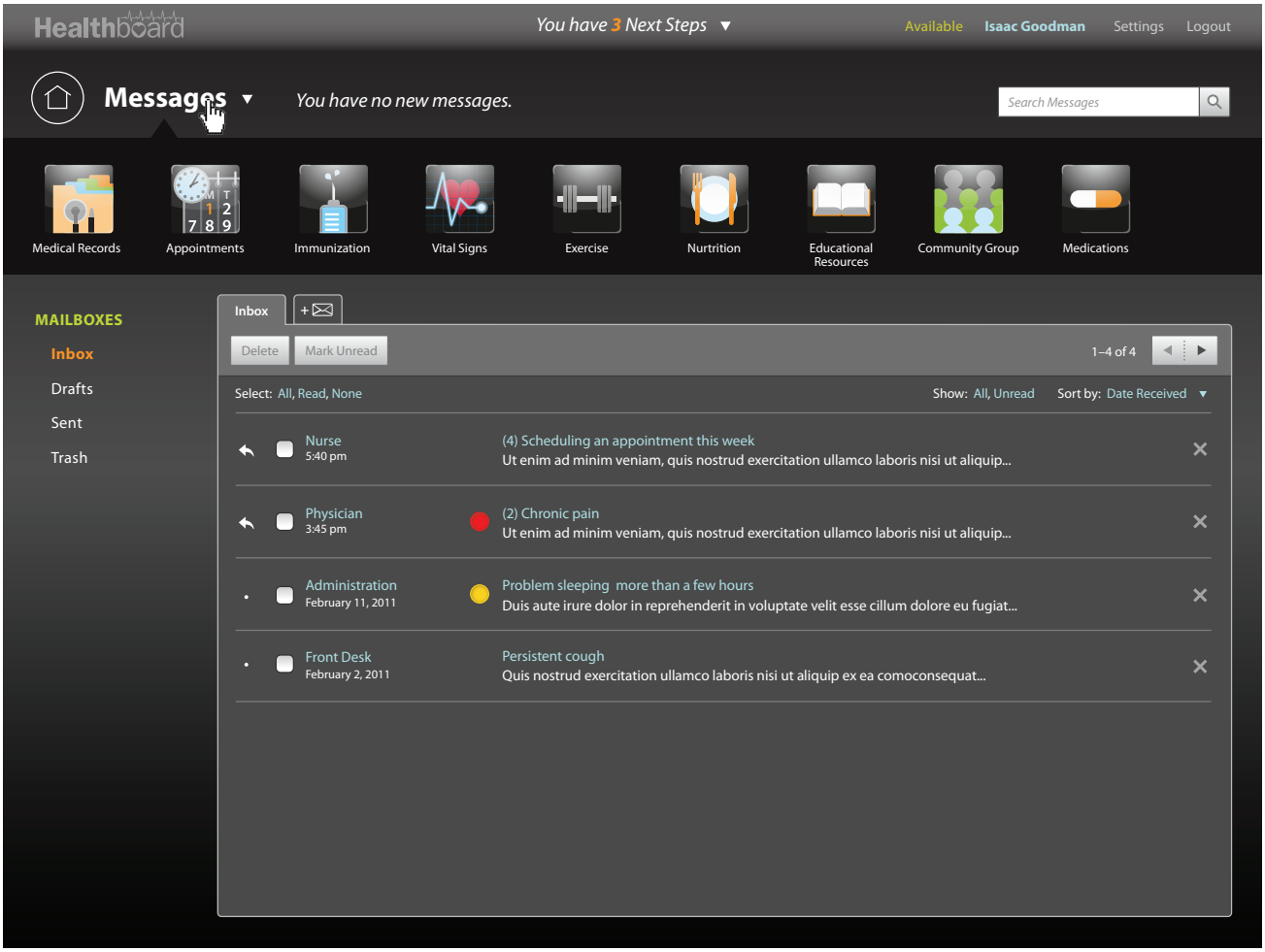
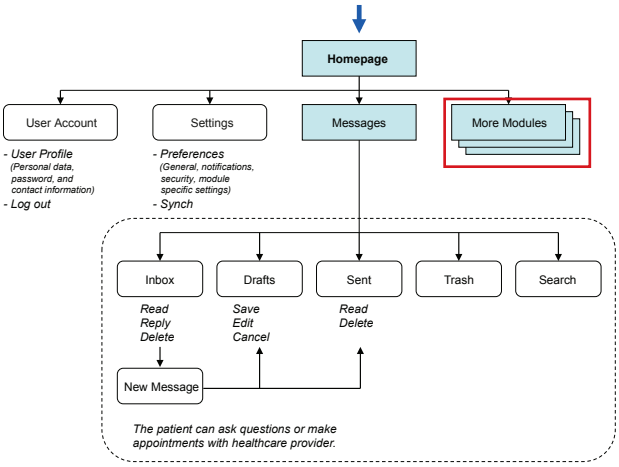
MESSAGES: MODULE NAVIGATION



When the module title is selected, the button dropdown expands, revealing a palette of other modules to choose from. Selecting one of these buttons will navigate the user to the represented module.



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212 229 6825
piim.newschool.edu

Immunizations

INTRODUCTION This section of the Detailed GUI Volume documents the design of the Patient Portal's *Immunizations* module for the Visual Dashboard for a Patient Centered Medical Home (PCMH). The documentation includes both workflow diagrams and visual models: the workflow diagrams detail the user experience and interactions within this module, and the visual models present graphic assets and elements within this module.

The following are high-level objectives for *Immunizations*:

- To facilitate user interaction for accessing immunization records, which come from AHLTA over time.
- To provide reminders/alerts for scheduled or overdue immunizations.
- To help the user identify individual and groups of vaccines.

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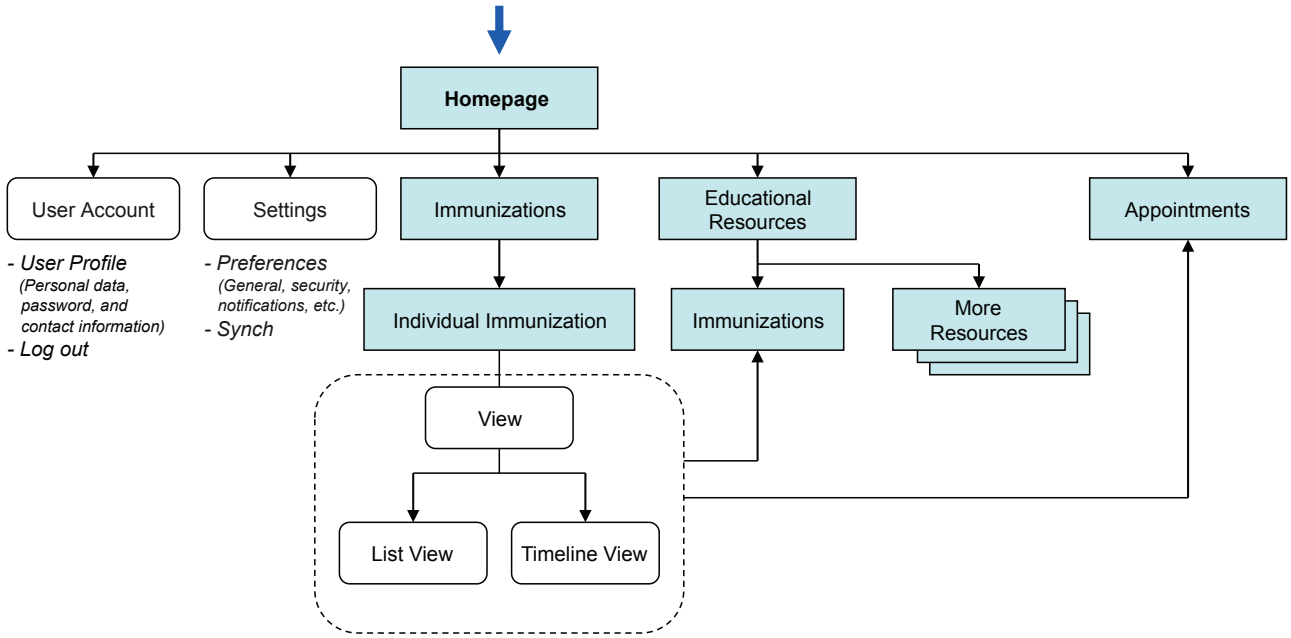
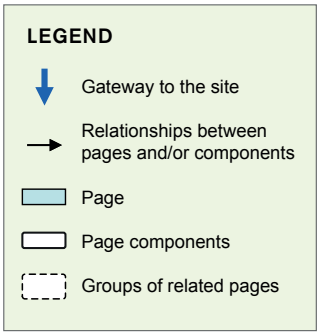
FLOWCHART FOR IMMUNIZATION WIDGET





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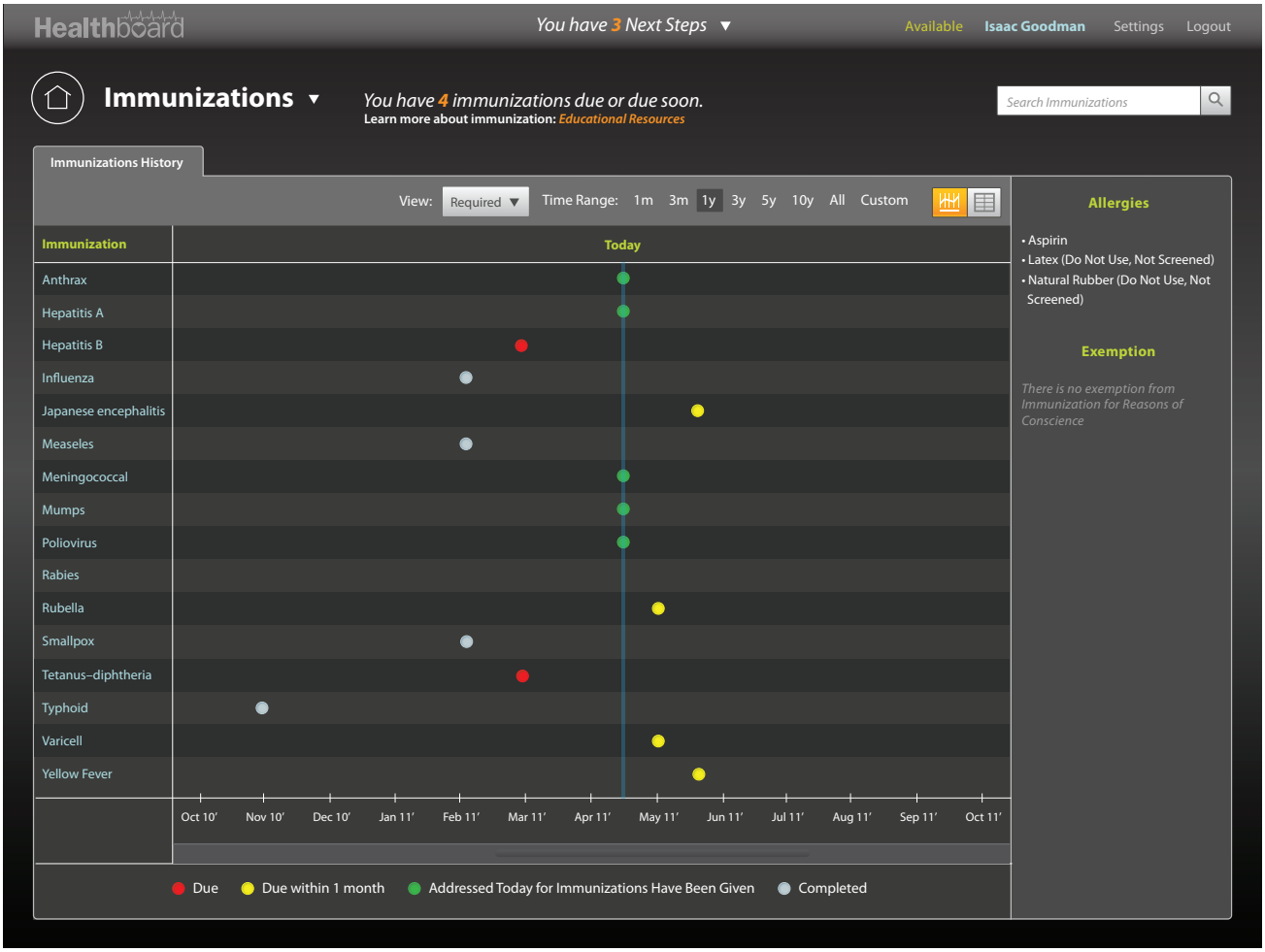
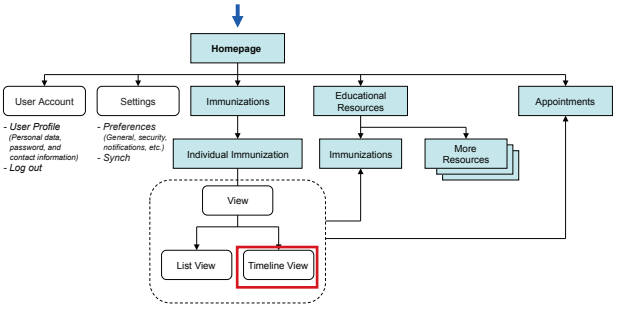
IMMUNIZATIONS: LANDING PAGE



This screen shows the patient's immunization records for the past year in a time line view. The user may change the duration using the options on the right in the action bar.

In the time line view, the content area shows list of immunizations. The placement of dots indicate the due dates of listed immunizations. Immunizations are color coded based on their status, such as "Due," "Due within 1 month," "Addressed Today," or "Completed." The blue line indicates "Today" in the time line.

The patient's *Allegies* are listed in the righthand column.



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IMMUNIZATIONS: IMMUNIZATION DETAILS

Healthboard | You have 3 Next Steps ▼ | Available | Isaac Goodman | Settings | Logout

Immunizations ▼

You have 4 immunizations due or due soon.
Learn more about immunization: *Educational Resources*

Search Immunizations

Immunizations History

View: Required ▼ | Time Range: 1m 3m 1y 3y 5y 10y All Custom

Immunization	Today
Anthrax	
Hepatitis A	
Hepatitis B	
Influenza	
Japanese encephalitis	
Measeles	
Meningococcal	
Mumps	
Poliovirus	
Rabies	
Rubella	
Smallpox	
Tetanus–diphtheria	
Typhoid	
Varicell	
Yellow Fever	

Oct 10′ Nov 10′ Dec 10′ Jan 11′ Feb 11′ Mar 11′ Apr 11′ May 11′ Jun 11′ Jul 11′ Aug 11′ Sep 11′ Oct 11′

The meningococcal vaccine is an immunization shot for meningococcal disease, a serious bacterial illness.

Due | Due within 1 month | Addressed Today for Immunizations Have Been Given | Completed

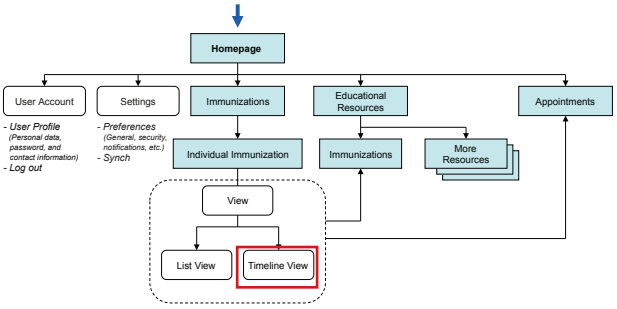
Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Exemption

There is no exemption from Immunization for Reasons of Conscience

The patient can hover on an immunization to see the full name and a description of the item.



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IMMUNIZATIONS: IMMUNIZATION DETAILS

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Immunizations

You have 4 immunizations due or due soon.
Learn more about immunization: Educational Resources

Search Immunizations

Immunizations History

View: Required | Time Range: 1m 3m 1y 3y 5y 10y All Custom

Immunization	Today
Anthrax	
Hepatitis A	
Hepatitis B	
Influenza	
Japanese encephalitis	
Measeles	
Meningococcal	
Mumps	
Poliovirus	
Rabies	
Rubella	
Smallpox	
Tetanus–diphtheria	
Typhoid	
Varicell	
Yellow Fever	

Oct 10′ Nov 10′ Dec 10′ Jan 11′ Feb 11′ Mar 11′ Apr 11′ May 11′ Jun 11′ Jul 11′ Aug 11′ Sep 11′ Oct 11′

Td / Tdap
Status: Overdue
Due by: March 5, 2011
Click to view immunization details

Allergies

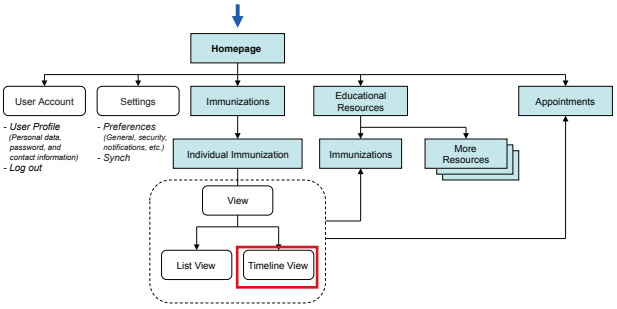
- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Exemption

There is no exemption from Immunization for Reasons of Conscience

Due | Due within 1 month | Addressed Today for Immunizations Have Been Given | Completed

The user can hover over any dots/nodes to view a short description about the selected immunization, such as its status and due date.



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IMMUNIZATIONS: IMMUNIZATION DETAILS

Healthboard

You have 3 Next Steps ▼ | Available | Isaac Goodman | Settings | Logout

Immunizations ▼

You have 4 immunizations due or due soon.
Learn more about immunization: *Educational Resources*

Search Immunizations

Immunizations History | Tetanus-diphtheria ✕

Print Vaccination Information Statement | ☐ I have read and acknowledged Vaccination Information Statement

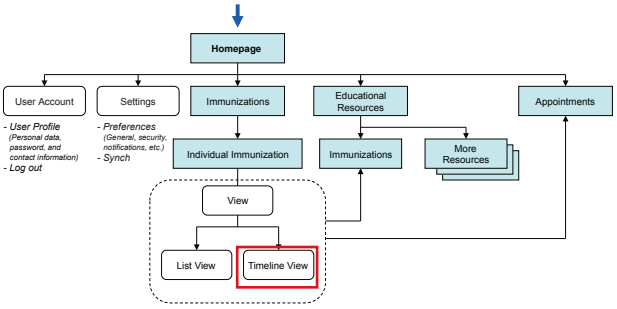
Vaccination Details

Name	Tetanus-Diphtheria or Tetanus-Diphtheria-Pertussis
Description	Vaccine against tetanus, diphtheria, and pertussis
Exempt	None
Occupational Status	Active Duty [Navy]
Status	Overdue
Last Given	March 5, 2001
At age	36
Next Due	March 5, 2011
At age	46
Series	1
Size/Result	
Mfg	TRS
Lot Nbr	Transcribed
Expires	
Last Edit	
DEERS ack	
MTF Code	9000
Route	Unknown
Site	Unknown
Dosate	
Vaccine ID	37
VIS Version	

Vaccination History

Number	Date	Age	Status
6	March 5, 2021	56	Due
5	March 5, 2011	46	Overdue
4	March 5, 2001	36	Given
3	March 5, 1991	26	Given
2	March 5, 1981	16	Given
1	March 5, 1971	6	Given

Upon clicking, the detail information about the selected immunization appears at the bottom.



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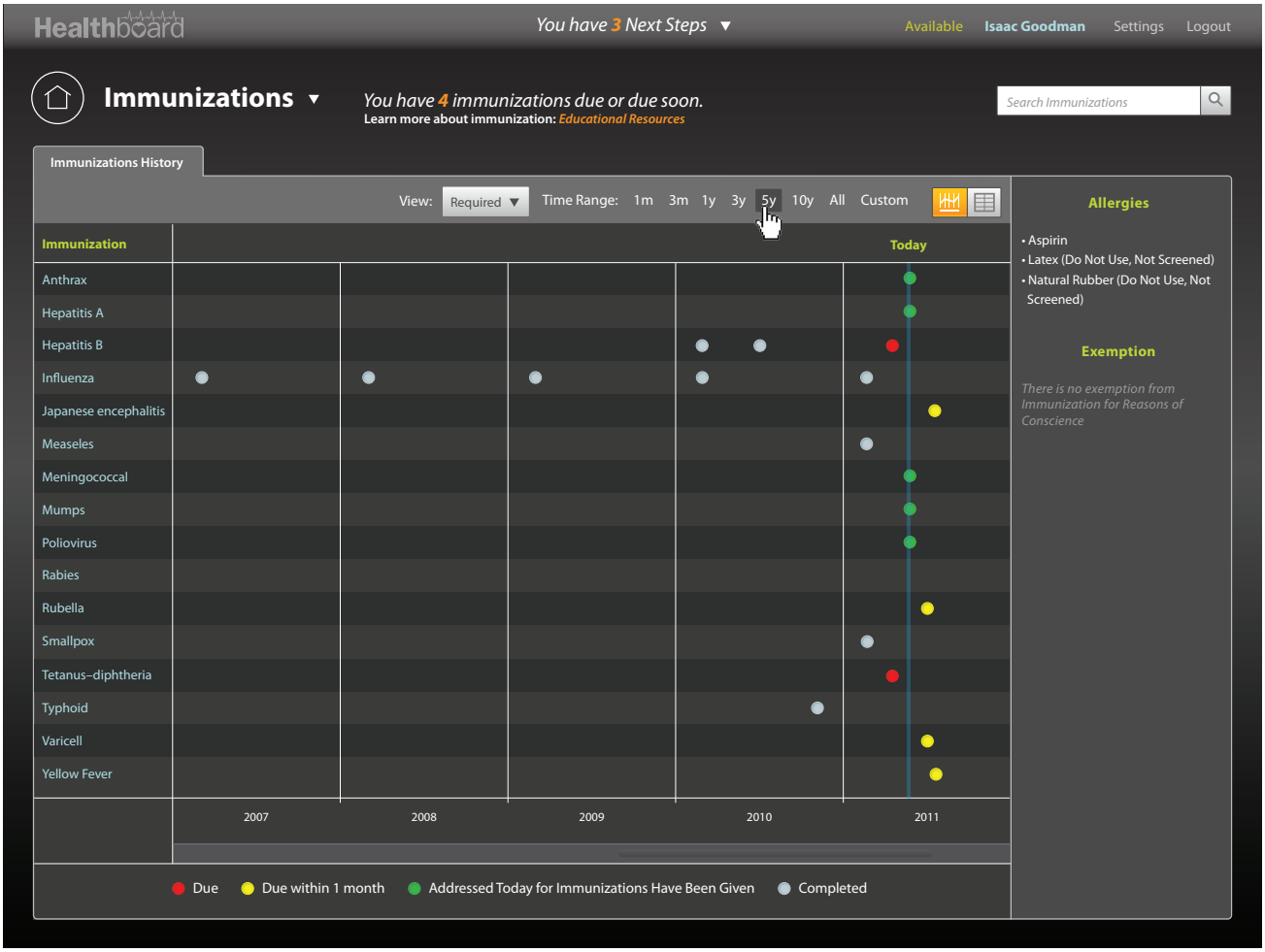
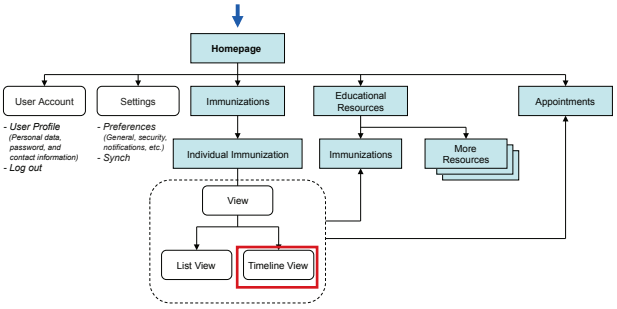
IMMUNIZATIONS: 5-YEAR DURATION



The patient can select a different duration or time span in which to view his/her immunization history. This screen shows the user's immunization records over past five years.



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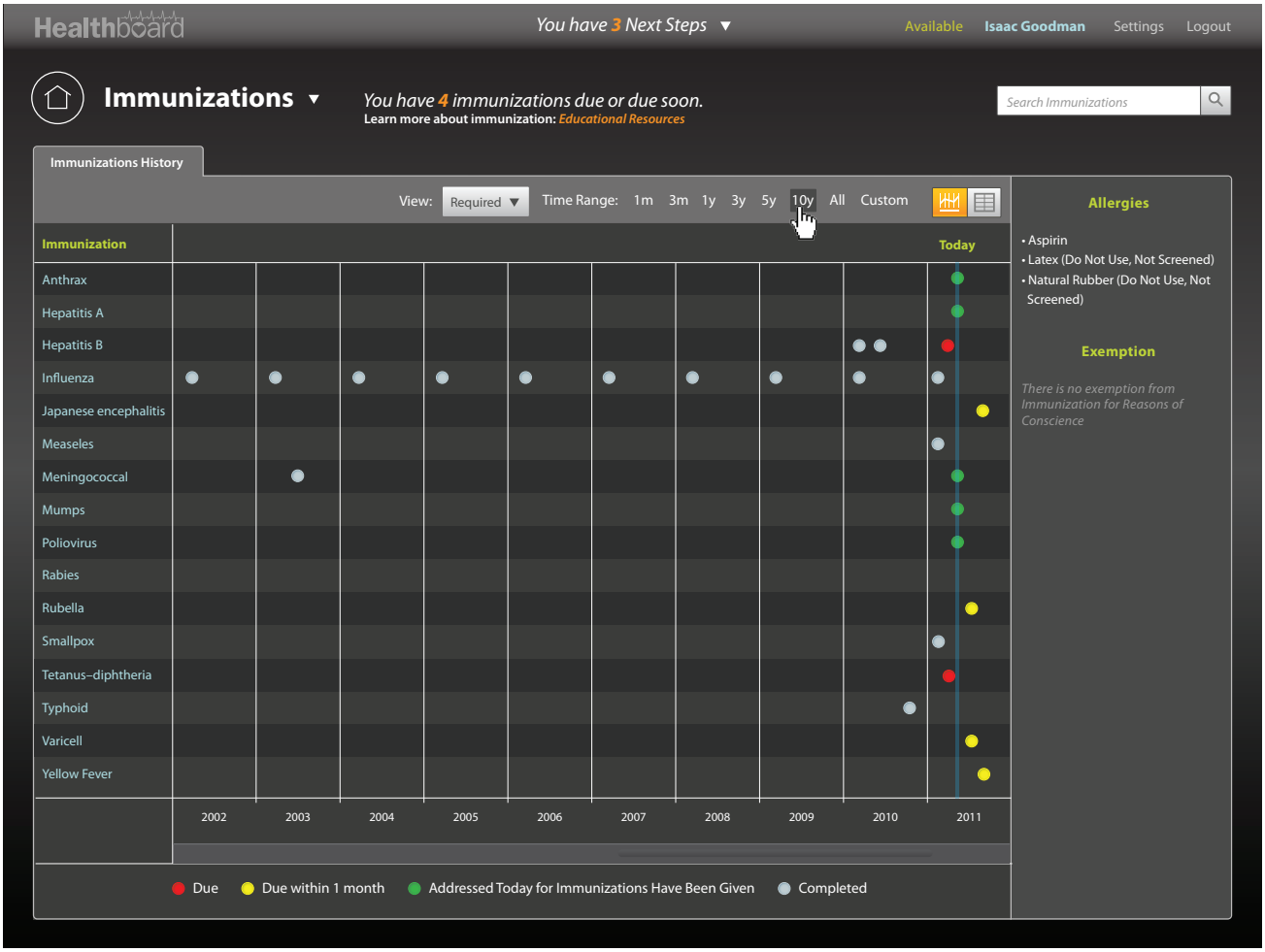
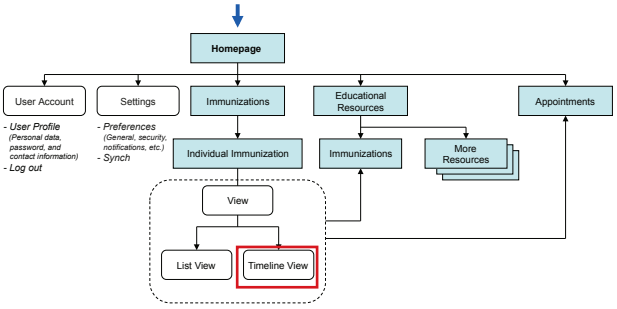
IMMUNIZATIONS: 10-YEAR DURATION



This screen shows the user's immunization records over past ten years.



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IMMUNIZATIONS: TABLE VIEW

Healthboard

You have 3 Next Steps ▼ | Available | Isaac Goodman | Settings | Logout

Immunizations ▼

You have 4 immunizations due or due soon.
Learn more about immunization: *Educational Resources*

Search Immunizations

Immunizations History

View: Required ▼ | Time Range: 1m 3m 1y 3y 5y 10y All Custom

	Immunization ▼	Date Given	Age	Next Due	Series	Expires	Last Edit	Occupational Status
	Anthrax	March 16, 2011	46	--	1	--	--	Navy [S]
	Hepatitis A	March 16, 2011	46	--	1	--	--	Navy
	Hepatitis B	March 16, 2011	Birth	February 8, 2011	1	February 8, 2011	February 8, 2011	Navy [Acc, Occ, S, T]
	Influenza	March 16, 2011	Birth	February 8, 2011	1	February 8, 2011	February 8, 2011	Navy
	Japanese encephalitis	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy [S, T]
	Measeles	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy
	Meningococcal	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy [Acc, Occ, S, T]
	Mumps	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy
	Poliovirus	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy
	Rabies	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy [Occ, S]
	Rubella	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy
	Smallpox	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy [S]
	Tetanus–diphtheria	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy
	Typhoid	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy [S, T]
	Varicell	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy [Acc, Occ, S]
	Yellow Fever	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy [S, T]

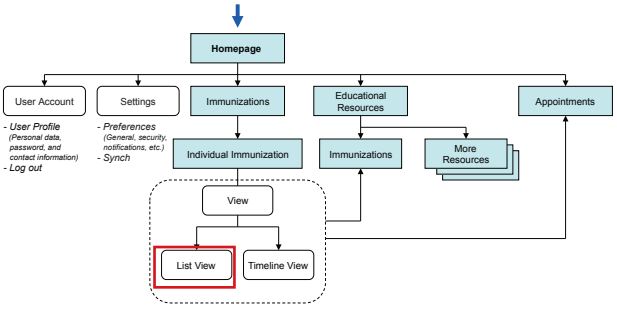
Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Exemption

There is no exemption from Immunization for Reasons of Conscience

This screen shows the immunization records in the list view.



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IMMUNIZATIONS: IMMUNIZATION DETAIL IN TABLE VIEW

Healthboard

You have 3 Next Steps ▼ Available Isaac Goodman Settings Logout

Immunizations ▼

You have 4 immunizations due or due soon.
Learn more about immunization: *Educational Resources*

Search Immunizations

Immunizations History

View: Required ▼ Time Range: 1m 3m 1y 3y 5y 10y All Custom

	Immunization ▼	Date Given	Age	Next Due	Series	Expires	Last Edit	Occupational Status
	Anthrax	March 16, 2011	46	--	1	--	--	Navy [S]
	Hepatitis A	March 16, 2011	46	--	1	--	--	Navy
	Hepatitis B	March 16, 2011	Birth	February 8, 2011	1	February 8, 2011	February 8, 2011	Navy [Acc, Occ, S, T]
	Influenza	March 16, 2011	Birth	February 8, 2011	1	February 8, 2011	February 8, 2011	Navy
	Japanese encephalitis	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy [S, T]
	Measeles	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy
	Meningococcal	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy [Acc, Occ, S, T]
	Mump				1	May 5, 2011	May 5, 2011	Navy
	Poliovirus				1	May 5, 2011	May 5, 2011	Navy
	Rabies	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy [Occ, S]
	Rubella	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy
	Smallpox	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy [S]
	Tetanus–diphtheria	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy
	Typhoid	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy [S, T]
	Varicell	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy [Acc, Occ, S]
	Yellow Fever	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy [S, T]

The meningococcal vaccine is an immunization shot for meningococcal disease, a serious bacterial illness.

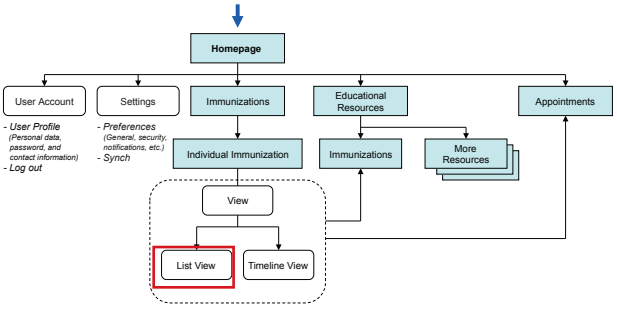
Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Exemption

There is no exemption from Immunization for Reasons of Conscience

The patient can hover on an immunization to see the full name and a description of the item.



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IMMUNIZATIONS: SWITCHING TO EDUCATIONAL RESOURCES WIDGET

Healthboard

You have 3 Next Steps ▼ | Available | Isaac Goodman | Settings | Logout

Immunizations ▼

You have 4 immunizations due or due soon.
Learn more about immunization: *Educational Resources*

Search Immunizations

Immunizations History

View: Required ▼ | Time Range: 1m 3m 1y 3y 5y 10y All Custom

	Immunization ▼	Date Given	Age	Next Due	Series	Expires	Last Edit	Occupational Status
●	Anthrax	March 16, 2011	46	--	1	--	--	Navy [S]
●	Hepatitis A	March 16, 2011	46	--	1	--	--	Navy
●	Hepatitis B	March 16, 2011	Birth	February 8, 2011	1	February 8, 2011	February 8, 2011	Navy [Acc, Occ, S, T]
●	Influenza	March 16, 2011	Birth	February 8, 2011	1	February 8, 2011	February 8, 2011	Navy
●	Japanese encephalitis	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy [S, T]
●	Measeles	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy
●	Meningococcal	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy [Acc, Occ, S, T]
●	Mumps	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy
●	Poliovirus	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy
●	Rabies	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy [Occ, S]
●	Rubella	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy
●	Smallpox	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy [S]
●	Tetanus–diphtheria	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy
●	Typhoid	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy [S, T]
●	Varicell	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy [Acc, Occ, S]
●	Yellow Fever	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy [S, T]

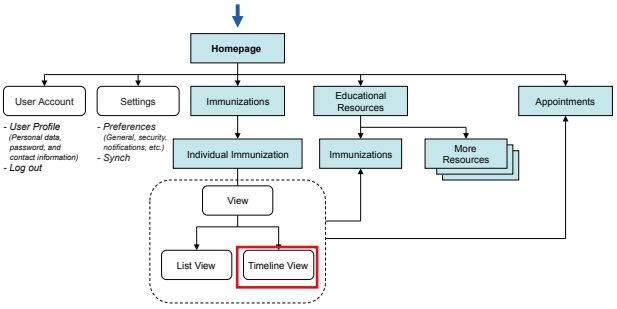
Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Exemption

There is no exemption from Immunization for Reasons of Conscience

The patient can click this link to access to the *Educational Resources* module to learn more about immunizations. The user clicks the link to *Educational Resources.*



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EDUCATIONAL RESOURCES

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Educational Resources

Search terms | My Bookmarks | 1 of 1

Home > Medications Home > **Vaccines & Immunizations** | Print

« Back
- Adult Vaccines
- Children's Vaccines
- Vaccine During Pregnancy
- Travel Information
- All Vaccine Info
- Basic & Common
- Questions
- Vaccines & Preventable Diseases
- Vaccine Side Effects & Safety
- Requirements & Laws
- Education

Vaccines & Immunizations

Which Vaccines Do You and Your Family Need?
Children need vaccines to protect them from childhood diseases. But did you know that teens and adults need vaccines, too? Vaccines not only help keep your family safe, but they also protect others by making diseases less likely to spread.

Top Search Terms for Digestive Disorders
- Shingles Vaccine
- Whooping Cough Vaccine
- HPV Vaccine
- Travel Vaccines
- Chickenpox Vaccine
- Vaccines and Pregnancy
- Flu Shot
- Meningococcal Vaccine

See more terms »

Adult Vaccines
- *Schedules, tips and important information*
- *Which Vaccines Do Adults Need?*
- *Test Your Adult Vaccine IQ*

Vaccine Guide
- *Vaccine benefits, side effects, and ingredients*

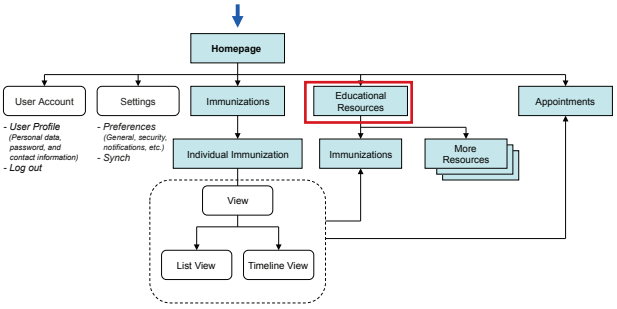
Children's Vaccines
- *Schedules, tips and important information*
- *Are Your Child's Shots Up-to-Date?*

Flu FAQ
- *What should you know about the Flu Shot*
- *How Effective Are Flu Vaccines?*

Travel Vaccines and More
- *Stay well abroad*
- *25 Ways to Stay Well When Traveling Abroad*

Vaccine During Pregnancy
- *Vaccines During Pregnancy: Which Are Safe?*

The window switches to *Educational Resources* module.



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Vital Signs

INTRODUCTION This section of the Detailed GUI Volume documents the design of the Patient Portal's *Vital Signs* module for the Visual Dashboard for a Patient Centered Medical Home (PCMH). The documentation includes both workflow diagrams and visual models: the workflow diagrams detail the user experience and interactions within this module, and the visual models present graphic assets and elements within this module.

The following are high-level objectives for *Vital Signs*:

- To facilitate user interaction for monitoring vital signs measured by both the provider team (data transferred from AHLTA) and the user over time.
- To allow the user to choose and enter new measures and comments shared with the provider team.

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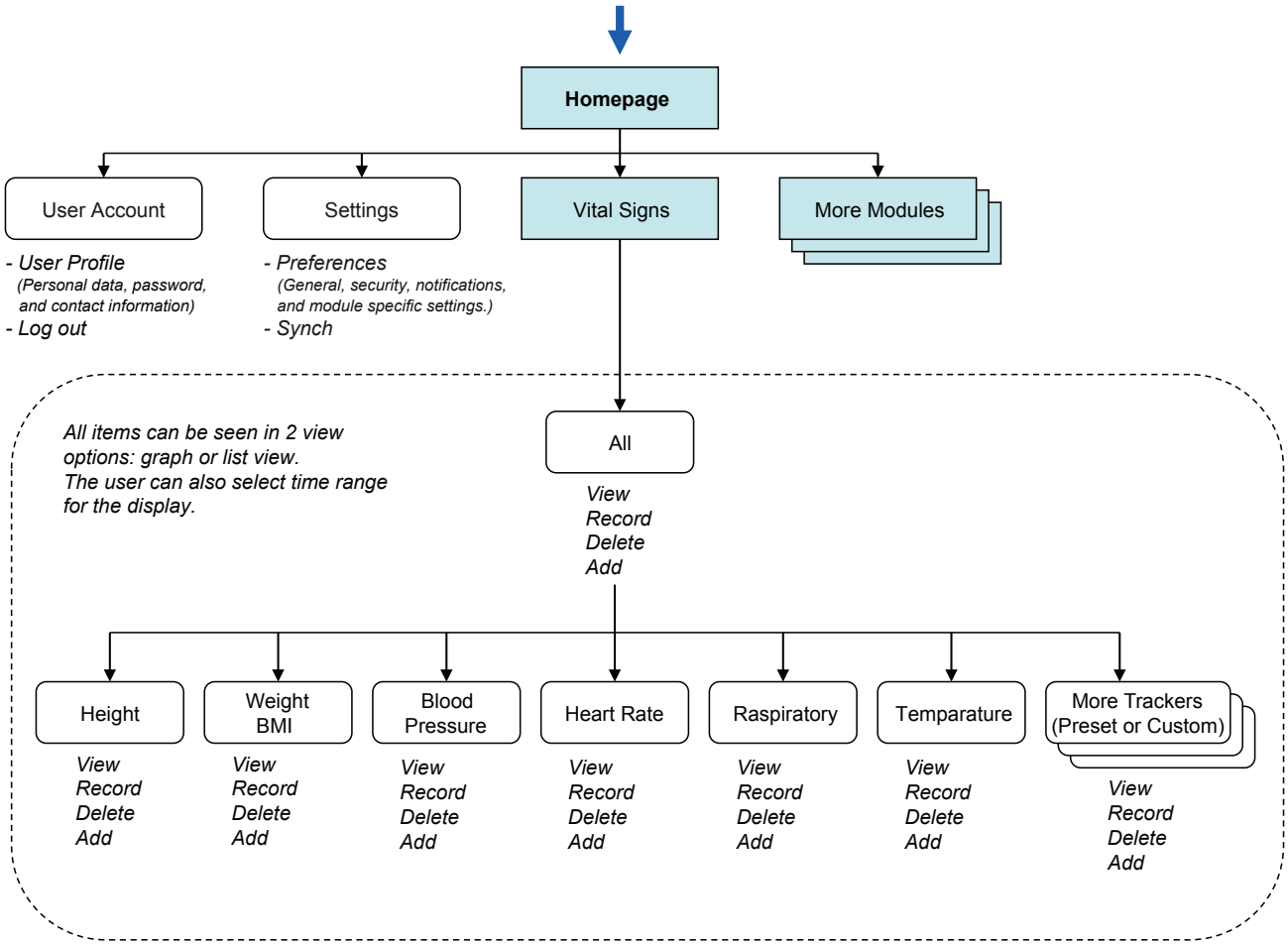
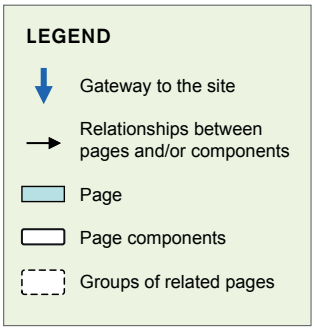
FLOWCHART FOR VITAL SIGNS MODULE





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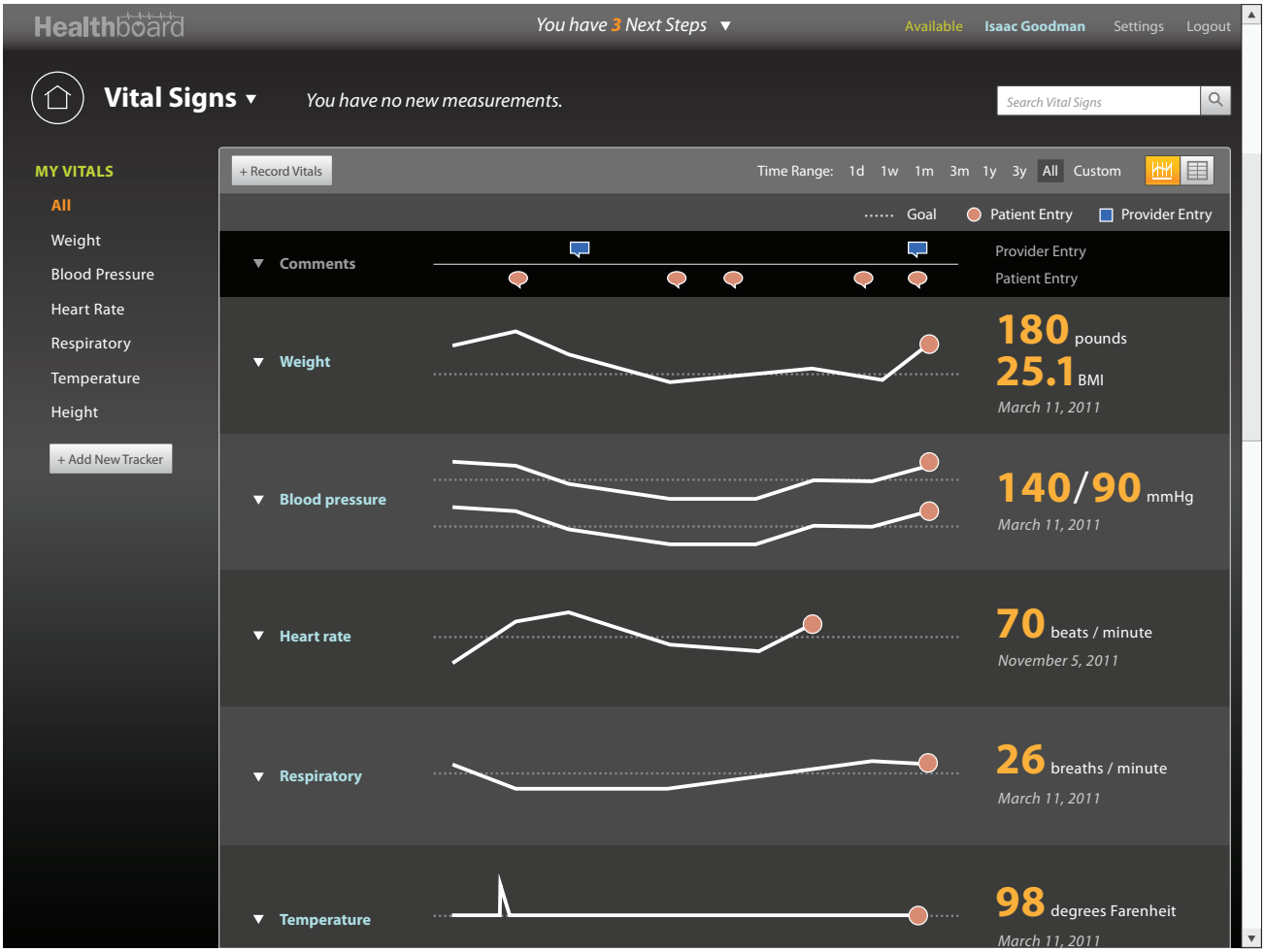
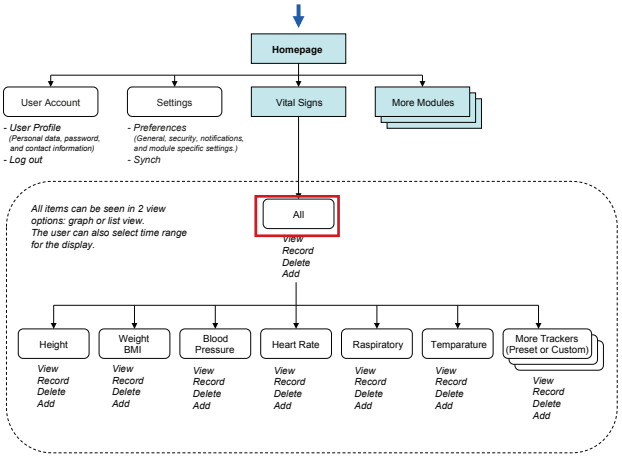
VITAL SIGNS: LANDING PAGE



The landing screen shows a summary of all of the user's vital signs in line graphs. The sparklines give the viewer a quick overview of the trends in the patient's vital signs. The shape and color of nodes indicate the data source: provider or patient. The dotted line on each graph indicates goals. The orange numbers on the right side of the graphs are the most recent measures.



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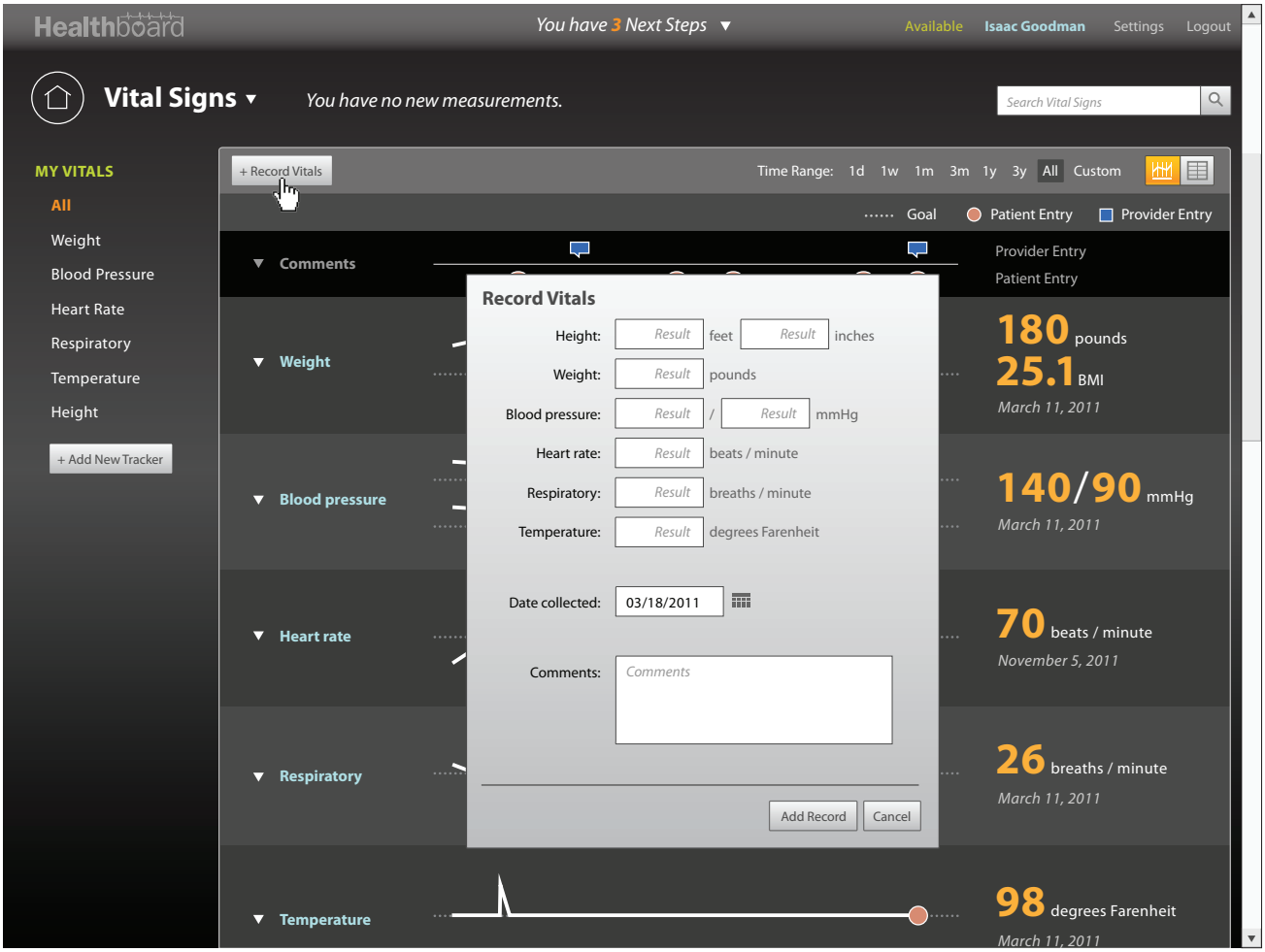
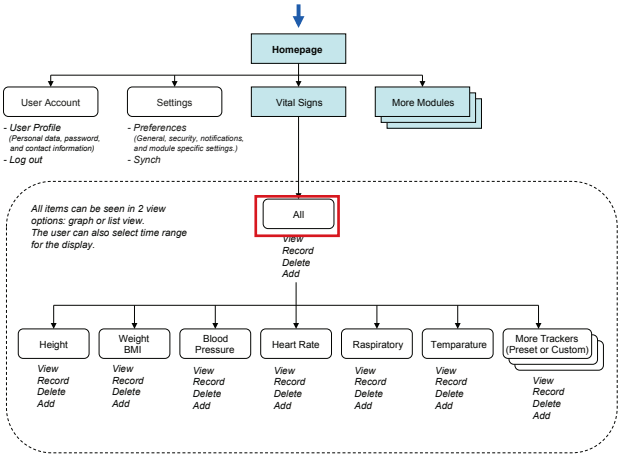
VITAL SIGNS: RECORD ENTRY



The user clicks the "+ Record Vitals" button.

The window where the user can enter measures appear. The user can click on each text field to enter measures and use the "Tab" key on the keyboard to select the next field automatically highlighted. The "Add Record" and "Cancel" buttons are at the bottom of the window.



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VITAL SIGNS: RECORD ENTRY (CONTINUED)

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Vital Signs | You have no new measurements. | Search Vital Signs

MY VITALS: All, Weight, Blood Pressure, Heart Rate, Respiratory, Temperature, Height | + Add New Tracker

+ Record Vitals | Time Range: 1d 1w 1m 3m 1y 3y All Custom | Goal | Patient Entry | Provider Entry

Comments — Provider Entry, Patient Entry

Weight — 180 pounds, 25.1 BMI, March 11, 2011

Blood pressure — 140/90 mmHg, March 11, 2011

Heart rate — 70 beats / minute, November 5, 2011

Respiratory — 26 breaths / minute, March 11, 2011

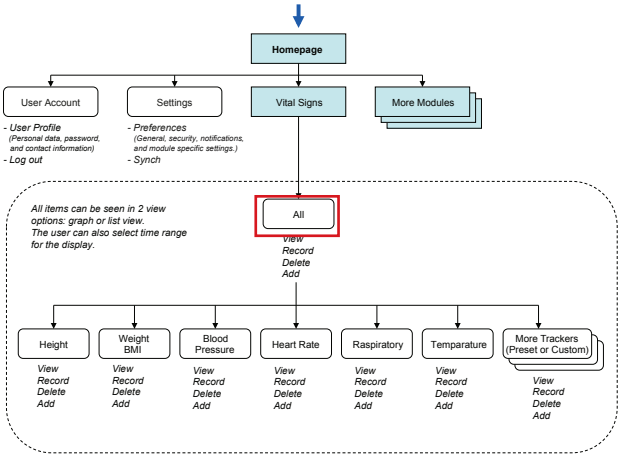
Temperature — 98 degrees Farenheit, March 11, 2011

Record Vitals

Height: Result feet Result inches
Weight: Result pounds
Blood pressure: 138 / 90 mmHg
Heart rate: Result beats / minute
Respiratory: Result breaths / minute
Temperature: Result degrees Farenheit
Date collected: 03/18/2011
Comments: Comments

Add Record | Cancel

Using the tab key, the user moves to "Blood pressure." The user enters the blood pressure data.



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VITAL SIGNS: RECORD ENTRY (CONTINUED)

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Vital Signs | You have no new measurements. | Search Vital Signs

MY VITALS: All, Weight, Blood Pressure, Heart Rate, Respiratory, Temperature, Height | + Add New Tracker

+ Record Vitals | Time Range: 1d 1w 1m 3m 1y 3y All Custom

Goal | Patient Entry | Provider Entry

Comments — Provider Entry, Patient Entry

Weight — 180 pounds, 25.1 BMI, March 11, 2011

Blood pressure — 140/90 mmHg, March 11, 2011

Heart rate — 70 beats / minute, November 5, 2011

Respiratory — 26 breaths / minute, March 11, 2011

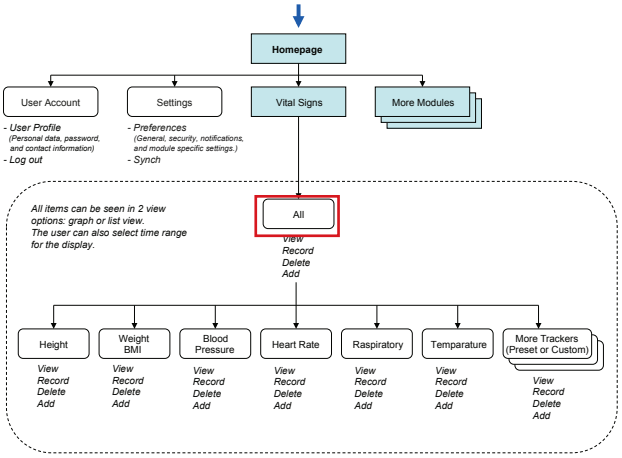
Temperature — 98 degrees Farenheit, March 11, 2011

Record Vitals

Height: Result feet Result inches
Weight: Result pounds
Blood pressure: 138 / 90 mmHg
Heart rate: 75 beats / minute
Respiratory: Result breaths / minute
Temperature: Result degrees Farenheit
Date collected: 03/18/2011
Comments: Comments

Add Record | Cancel

The user enters a value for the heart rate.



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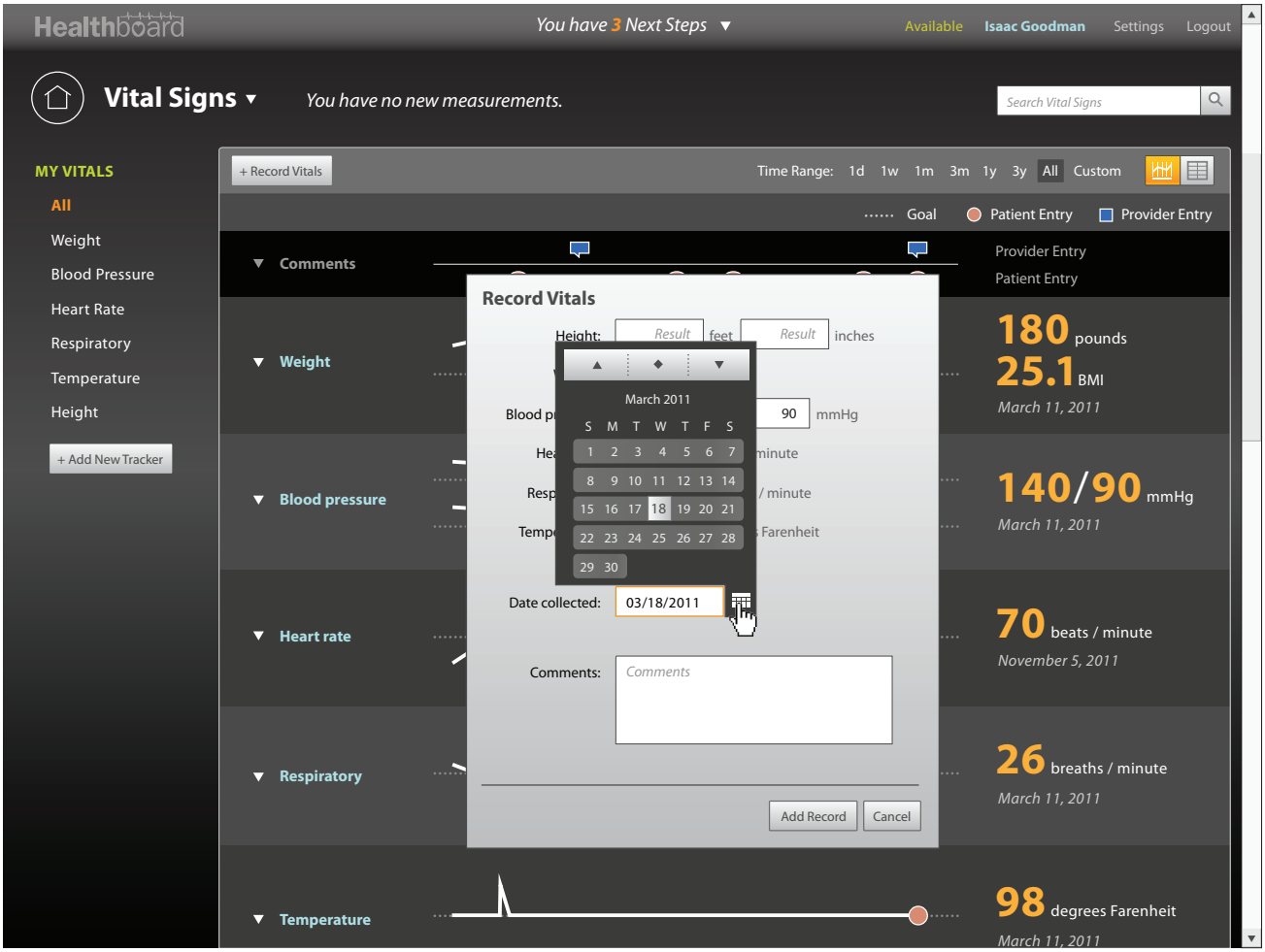
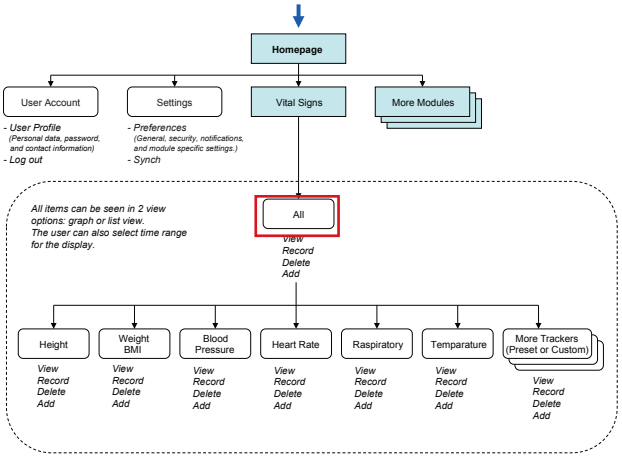
VITAL SIGNS: RECORD ENTRY (CONTINUED)



A calendar opens when the user clicks on the calendar icon; the user can enter the date by choosing the date on the calendar or entering it in the text field.



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VITAL SIGNS: RECORD ENTRY (CONTINUED)

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Vital Signs | You have no new measurements. | Search Vital Signs

MY VITALS: All, Weight, Blood Pressure, Heart Rate, Respiratory, Temperature, Height | + Add New Tracker

+ Record Vitals | Time Range: 1d 1w 1m 3m 1y 3y All Custom | Goal | Patient Entry | Provider Entry

Comments | Provider Entry | Patient Entry

Weight: 180 pounds, 25.1 BMI, March 11, 2011

Blood pressure: 140/90 mmHg, March 11, 2011

Heart rate: 70 beats / minute, November 5, 2011

Respiratory: 26 breaths / minute, March 11, 2011

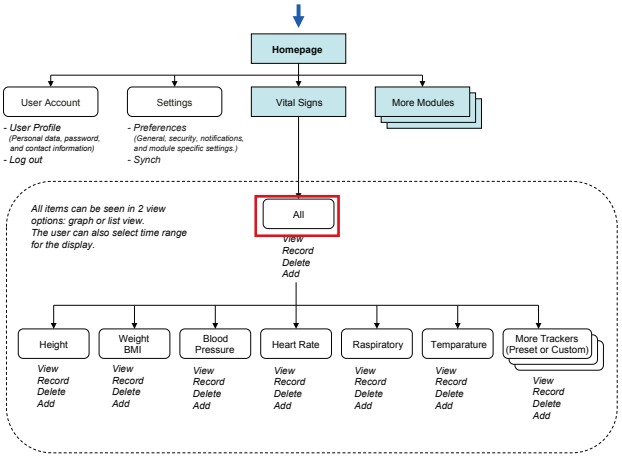
Temperature: 98 degrees Farenheit, March 11, 2011

Record Vitals

Height: Result feet Result inches
Weight: Result pounds
Blood pressure: 138 / 90 mmHg
Heart rate: 75 beats / minute
Respiratory: Result breaths / minute
Temperature: Result degrees Farenheit
Date collected: 03/18/2011
Comments: I ran for 30 minutes before taking measurements.

Add Record | Cancel

The user enters a comment, and clicks the "Add Record" button to submit the data entries.



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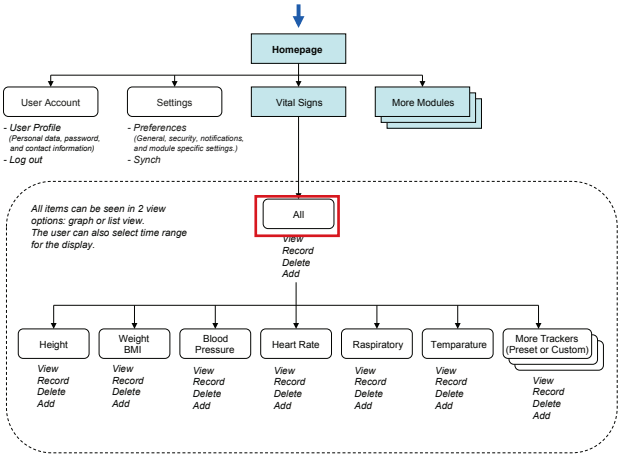
VITAL SIGNS: UPDATED SUMMARY VIEW

Healthboard
You have 3 Next Steps
Available Isaac Goodman Settings Logout
Vital Signs
You have no new measurements.
Search Vital Signs
MY VITALS
All
Weight
Blood Pressure
Heart Rate
Respiratory
Temperature
Height
+ Add New Tracker
+ Record Vitals
Time Range: 1d 1w 1m 3m 1y 3y All Custom
Goal Patient Entry Provider Entry
Comments
Provider Entry
Patient Entry
Weight
180 pounds
25.1 BMI
March 11, 2011
Blood pressure
138/90 mmHg
March 18, 2011
Heart rate
70 beats / minute
March 18, 2011
View History
Respiratory
26 breaths / minute
March 11, 2011
Temperature
98 degrees Farenheit
March 11, 2011

The "Record Vitals" window closes. New measures are applied to the graphs and appear in the orange nodes.



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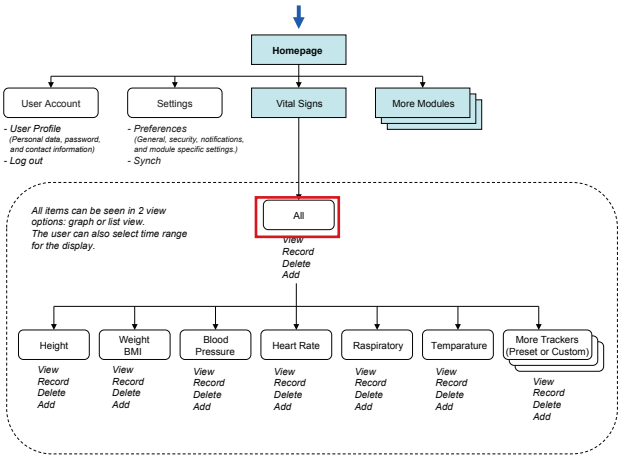
VITAL SIGNS: EDUCATIONAL RESOURCES LINK

Healthboard
You have 3 Next Steps
Available Isaac Goodman Settings Logout
Vital Signs
You have no new measurements.
Search Vital Signs
MY VITALS
All
Weight
Blood Pressure
Heart Rate
Respiratory
Temperature
Height
+ Add New Tracker
+ Record Vitals
Time Range: 1d 1w 1m 3m 1y 3y All Custom
Goal Patient Entry Provider Entry
Comments
Provider Entry
Patient Entry
Weight
180 pounds
25.1 BMI
March 11, 2011
Blood pressure
View History
138/90 mmHg
March 18, 2011
Would you like to learn more about blood pressure?
Learn more about preventing and controlling high blood pressure:
Educational Resources
Go to the link
Go to the link later
Heart rate
70 beats / minute
March 18, 2011
Respiratory
26 breaths / minute
March 11, 2011
Temperature
98 degrees Farenheit
March 11, 2011

The patient can learn about a tracker by clicking the "?" icon. A confirmation window appears asking the user if he wants to launch the *Educational Resources* module. In this screen the user clicks the "Go to the link later" button.



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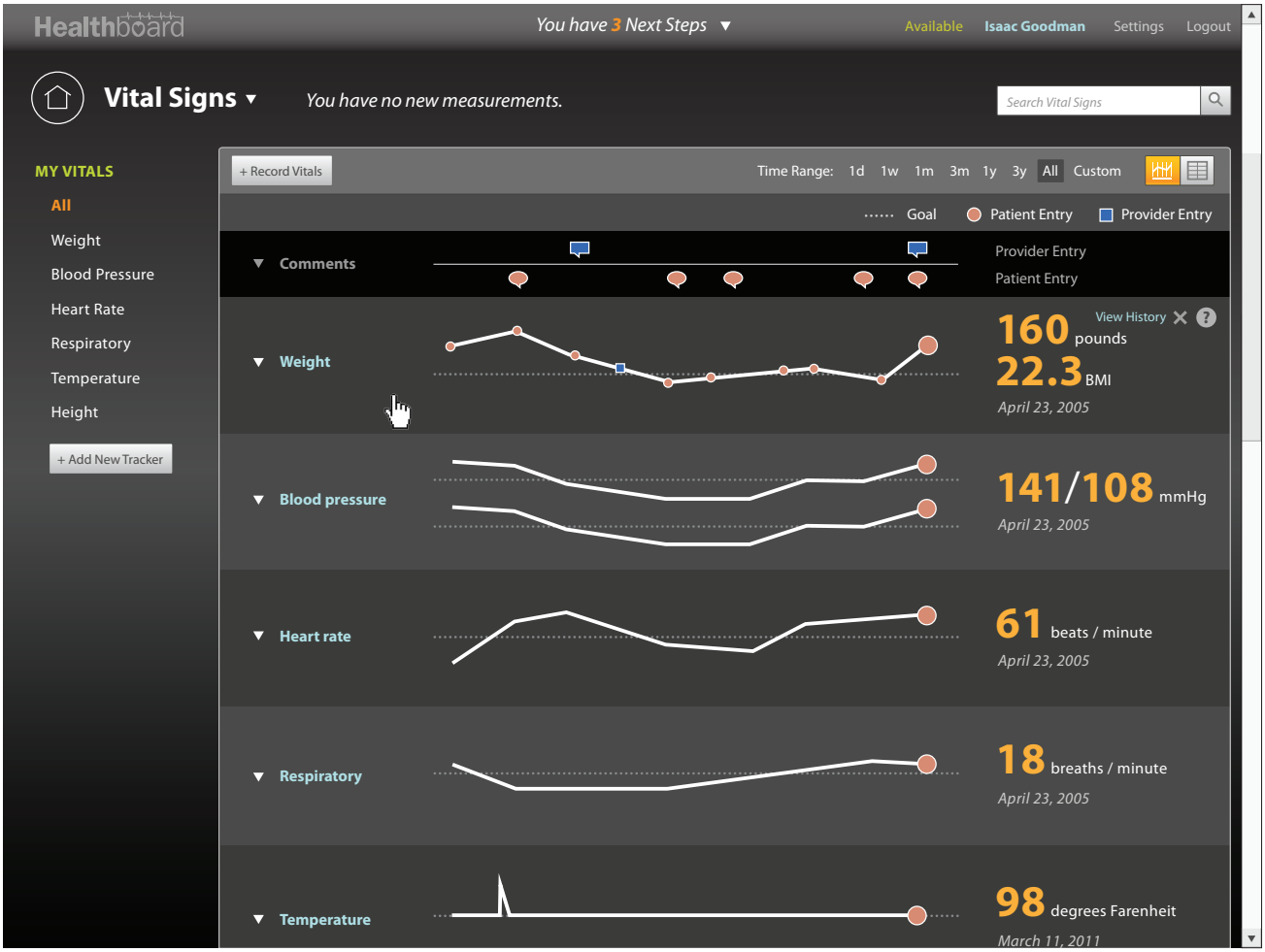
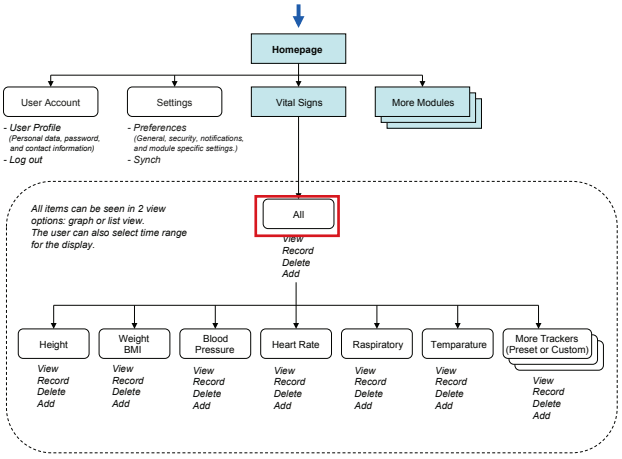
VITAL SIGNS: HOVER OPTIONS



The "View History" link, "Delete ", and "Help" buttons appear on the top right of the row, when the user hovers anywhere on the tracker row (e.g., Weight).



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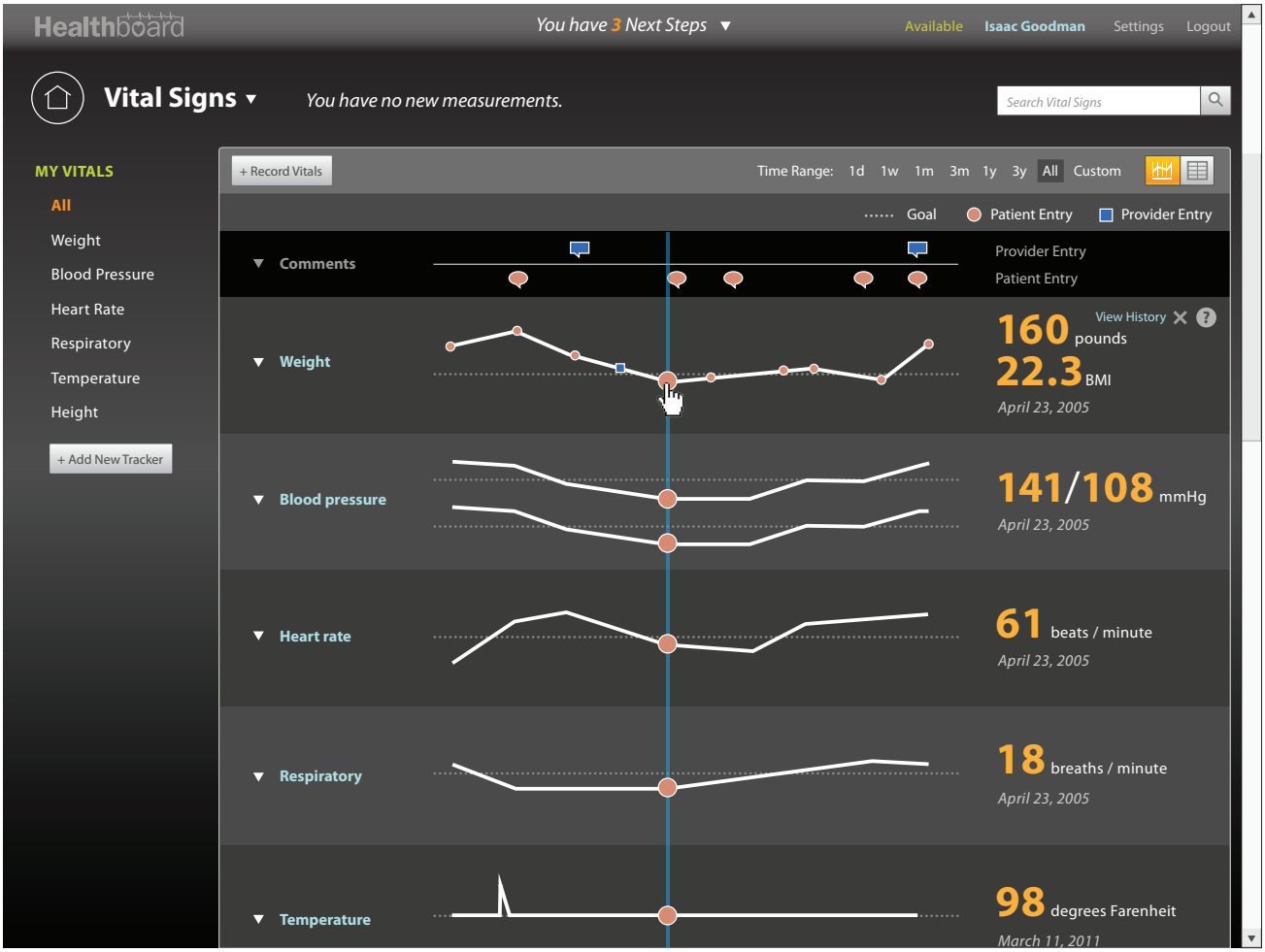
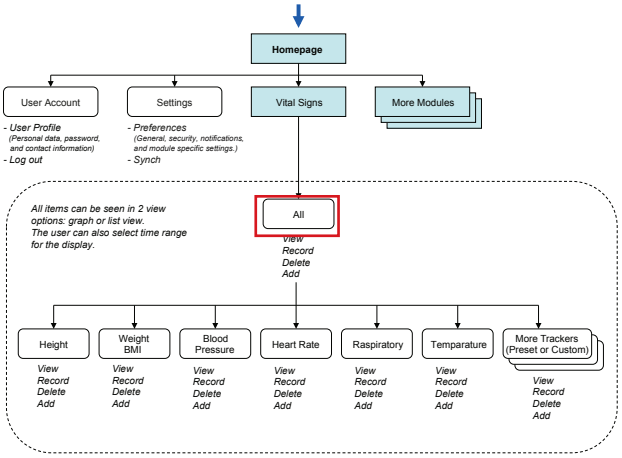
VITAL SIGNS: HOVER OPTIONS (CONTINUED)



As the user moves the cursor along the graph, the synchronous nodes on the other tracker sparklines are highlighted as well. The blue vertical line appears to emphasize the synchronous nodes and indicate where the mouse is. If no synchronous node is available, a sparkline should highlight the next nearest node (see the "Height" node highlighted above). In addition, values associated with these nodes are displayed on the right side. When the user mouses off, the most recent measures are highlighted automatically.



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VITAL SIGNS: MODIFYING THE RECORD

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Vital Signs | You have no new measurements. | Search Vital Signs

MY VITALS: All, Weight, Blood Pressure, Heart Rate, Respiratory, Temperature, Height, + Add New Tracker

+ Record Vitals | Time Range: 1d 1w 1m 3m 1y 3y All Custom | Patient Entry | Provider Entry

Comments | Weight | Blood pressure | Heart rate | Respiratory | Temperature

Vital Records

Entry for April 23, 2005 — Edit Delete

Height is **5 feet 11 inches**.

Weight is **160 pounds** and **BMI is 22.3**.

Blood pressure is **141/108 mmHg**.

Heart rate is **61 beats/minute**.

Respiratory **18 breath/minute**.

Temperature is **98.6°F**.

Comments:

I have been doing aerobic exercises and I'm getting closer to my target weight — Edit Delete
– Isaac Goodman, April 23, 2005

Enter Additional Comments

Submit

Close

Provider Entry
Patient Entry

160 pounds
22.3 BMI
April 23, 2005

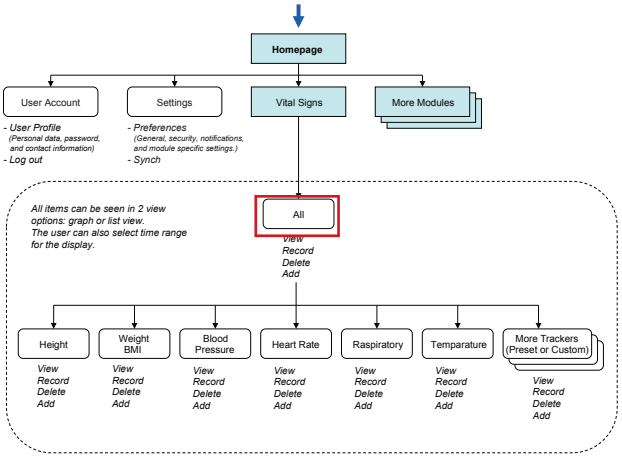
141/108 mmHg
April 23, 2005

61 beats / minute
April 23, 2005

18 breaths / minute
April 23, 2005

98 degrees Farenheit
March 11, 2011

The user can click a node to access the "Vital Records" window where edits can be made. The user clicks "Edit" in the top right corner. The delete "x" button would remove the node entirely.



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VITAL SIGNS: MODIFYING THE RECORD (CONTINUED)

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Vital Signs | You have no new measurements. | Search Vital Signs

MY VITALS: All, Weight, Blood Pressure, Heart Rate, Respiratory, Temperature, Height | + Add New Tracker

+ Record Vitals | Time Range: 1d 1w 1m 3m 1y 3y All Custom | Goal | Patient Entry | Provider Entry

Comments | Provider Entry | Patient Entry

Weight: 160 pounds, 22.3 BMI, April 23, 2005

Blood pressure: 141/108 mmHg, April 23, 2005

Heart rate: 61 beats / minute, April 23, 2005

Respiratory: 18 breaths / minute, April 23, 2005

Temperature: 98 degrees Farenheit, March 11, 2011

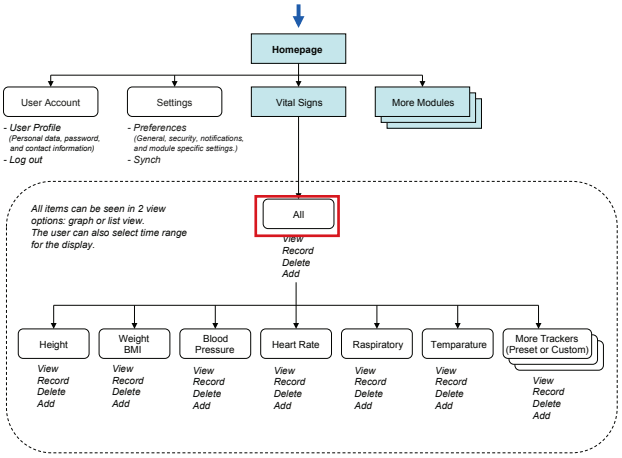
Edit Vitals

Height: 5 feet 11 inches
Weight: 160 pounds
Blood pressure: 141 / 108 mmHg
Heart rate: 61 beats / minute
Respiratory: 18 breaths / minute
Temperature: 108 degrees Farenheit
Date collected: 03/18/2011

Please explain why you are editing this measurement:

Please complete the field | Save Record | Cancel

When the user changes a record, the user is required to enter an explanation. The user will be unable to overwite the record if the text field is left blank., as a reason has to be provided for modifying vital records. The user selects the "Cancel" button to go back to the previous Vital Records window.



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VITAL SIGNS: ADDING/MODIFYING COMMENTS

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Vital Signs | You have no new measurements. | Search Vital Signs

MY VITALS: All, Weight, Blood Pressure, Heart Rate, Respiratory, Temperature, Height, + Add New Tracker

+ Record Vitals | Time Range: 1d 1w 1m 3m 1y 3y All Custom | Patient Entry | Provider Entry

Comments | Weight | Blood pressure | Heart rate | Respiratory | Temperature

Vital Records

Entry for April 23, 2005 — Edit Delete

Height is **5 feet 11 inches**.

Weight is **160 pounds** and **BMI is 22.3**.

Blood pressure is **141/108 mmHg**.

Heart rate is **61 beats/minute**.

Respiratory **18 breath/minute**.

Temperature is **98.6°F**.

Comments:

I have been doing aerobic exercises and I'm getting closer to my target weight — Edit Delete
– Isaac Goodman, April 23, 2005

Enter Additional Comments

Submit

Close

Provider Entry
Patient Entry

160 pounds
22.3 BMI
April 23, 2005

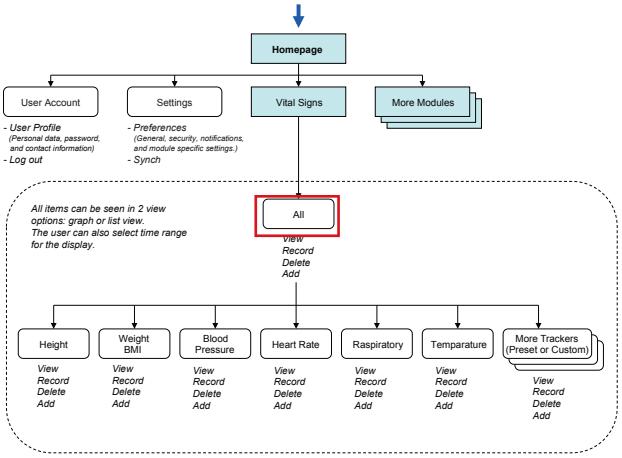
141/108 mmHg
April 23, 2005

61 beats / minute
April 23, 2005

18 breaths / minute
April 23, 2005

98 degrees Farenheit
March 11, 2011

The user can edit existing comments by selecting "Edit" under Comments.



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VITAL SIGNS: ADDING/MODIFYING COMMENTS (CONTINUED)

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Vital Signs | You have no new measurements. | Search Vital Signs

MY VITALS: All, Weight, Blood Pressure, Heart Rate, Respiratory, Temperature, Height, + Add New Tracker

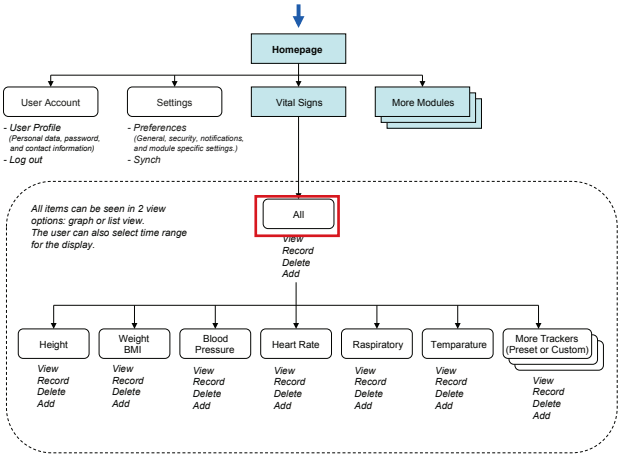
+ Record Vitals | Time Range: 1d 1w 1m 3m 1y 3y All Custom | Patient Entry | Provider Entry

Comments | Weight | Blood pressure | Heart rate | Respiratory | Temperature

Vital Records
Entry for April 23, 2005 — Edit Delete
Height is **5 feet 11 inches**.
Weight is **160 pounds** and **BMI is 22.3**.
Blood pressure is **141/108 mmHg**.
Heart rate is **61 beats/minute**.
Respiratory **18 breath/minute**.
Temperature is **98.6°F**.
Comments:
I have been doing aerobic exercises and I'm getting closer to my target weight
Save Cancel
Enter Additional Comments
Submit
Close

Provider Entry
Patient Entry
160 pounds
22.3 BMI
April 23, 2005
141/108 mmHg
April 23, 2005
61 beats / minute
April 23, 2005
18 breaths / minute
April 23, 2005
98 degrees Farenheit
March 11, 2011

Once "Edit" is selected, the comment turns into a text box. When the user completes editing, he can choose to save the changes or cancel. The user selects "Cancel."



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VITAL SIGNS: ADDING/MODIFYING COMMENTS (CONTINUED)

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Vital Signs | You have no new measurements. | Search Vital Signs

MY VITALS: All, Weight, Blood Pressure, Heart Rate, Respiratory, Temperature, Height, + Add New Tracker

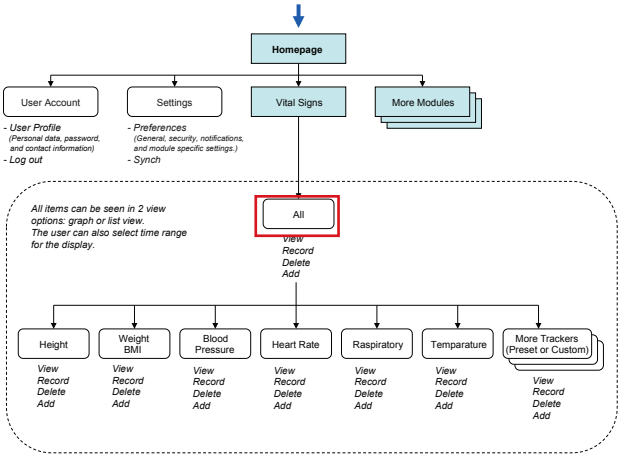
+ Record Vitals | Time Range: 1d 1w 1m 3m 1y 3y All Custom | Patient Entry | Provider Entry

Comments | Weight | Blood pressure | Heart rate | Respiratory | Temperature

Vital Records
Entry for April 23, 2005 — Edit Delete
Height is **5 feet 11 inches**.
Weight is **160 pounds** and **BMI is 22.3**.
Blood pressure is **141/108 mmHg**.
Heart rate is **61 beats/minute**.
Respiratory **18 breath/minute**.
Temperature is **98.6°F**.
Comments:
I have been doing aerobic exercises and I'm getting closer to my target weight — Edit Delete
– Isaac Goodman, April 23, 2005
Submit
Close

Provider Entry
Patient Entry
160 pounds
22.3 BMI
April 23, 2005
141/108 mmHg
April 23, 2005
61 beats / minute
April 23, 2005
18 breaths / minute
April 23, 2005
98 degrees Farenheit
March 11, 2011

The user can add a new comment by typing into the textbox at the bottom of the popup window.



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VITAL SIGNS: ADDING/MODIFYING COMMENTS (CONTINUED)

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Vital Signs | You have no new measurements. | Search Vital Signs

MY VITALS: All, Weight, Blood Pressure, Heart Rate, Respiratory, Temperature, Height | + Add New Tracker

+ Record Vitals | Time Range: 1d 1w 1m 3m 1y 3y All Custom | Patient Entry | Provider Entry

Comments | Weight | Blood pressure | Heart rate | Respiratory | Temperature

Vital Records

Entry for April 23, 2005 — Edit Delete

Height is **5 feet 11 inches**.

Weight is **160 pounds** and **BMI is 22.3**.

Blood pressure is **141/108 mmHg**.

Heart rate is **61 beats/minute**.

Respiratory **18 breath/minute**.

Temperature is **98.6°F**.

Comments:

I have been doing aerobic exercises and I'm getting closer to my target weight — Edit Delete
– Isaac Goodman, April 23, 2005

I am almost near my target and feel great! I worked hard and I am proud of this progress

Submit | Close

Provider Entry
Patient Entry

160 pounds
22.3 BMI
April 23, 2005

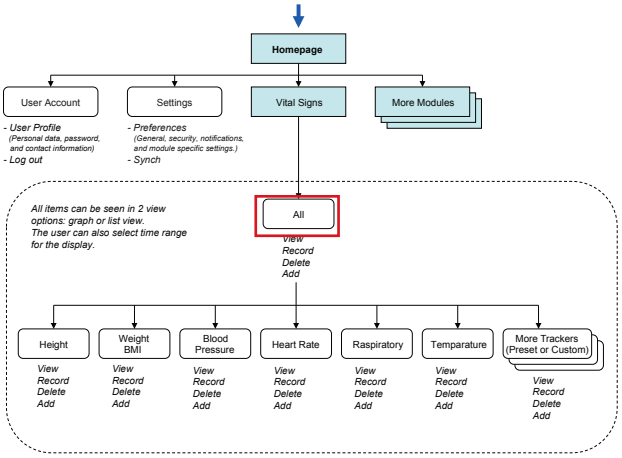
141/108 mmHg
April 23, 2005

61 beats / minute
April 23, 2005

18 breaths / minute
April 23, 2005

98 degrees Farenheit
March 11, 2011

The user clicks "Submit" to complete the action.



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VITAL SIGNS: ADDING/MODIFYING COMMENTS (CONTINUED)

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Vital Signs | You have no new measurements. | Search Vital Signs

MY VITALS: All, Weight, Blood Pressure, Heart Rate, Respiratory, Temperature, Height, + Add New Tracker

+ Record Vitals | Time Range: 1d 1w 1m 3m 1y 3y All Custom

Patient Entry | Provider Entry

Comments — Provider Entry, Patient Entry

Weight — 160 pounds, 22.3 BMI, April 23, 2005

Blood pressure — 141/108 mmHg, April 23, 2005

Heart rate — 61 beats / minute, April 23, 2005

Respiratory — 18 breaths / minute, April 23, 2005

Temperature — 98 degrees Farenheit, March 11, 2011

Vital Records

Entry for April 23, 2005 — Edit Delete

Height is **5 feet 11 inches**.

Weight is **160 pounds** and **BMI is 22.3**.

Blood pressure is **141/108 mmHg**.

Heart rate is **61 beats/minute**.

Respiratory **18 breath/minute**.

Temperature is **98.6°F**.

Comments:

I am almost near my target and feel great! I worked hard and I am proud of this progress
– Isaac Goodman, March 18, 2011 — Edit Delete

I have been doing aerobic exercises and I'm getting — Edit Delete

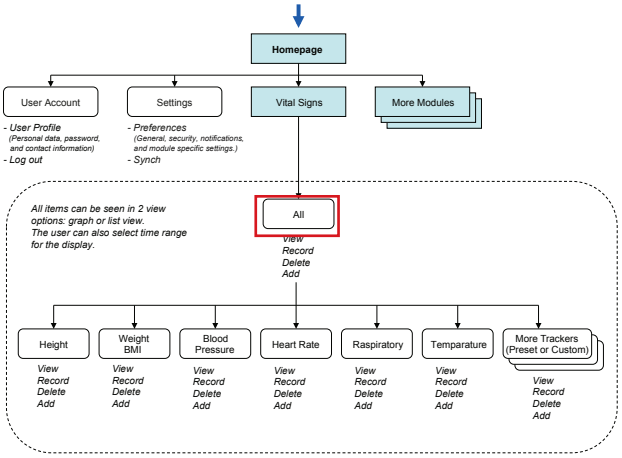
Enter Additional Comments

Submit

Close

The newly submitted comment appears on the first a row along with submitter's name and the date of submission.

The user selects "Edit."



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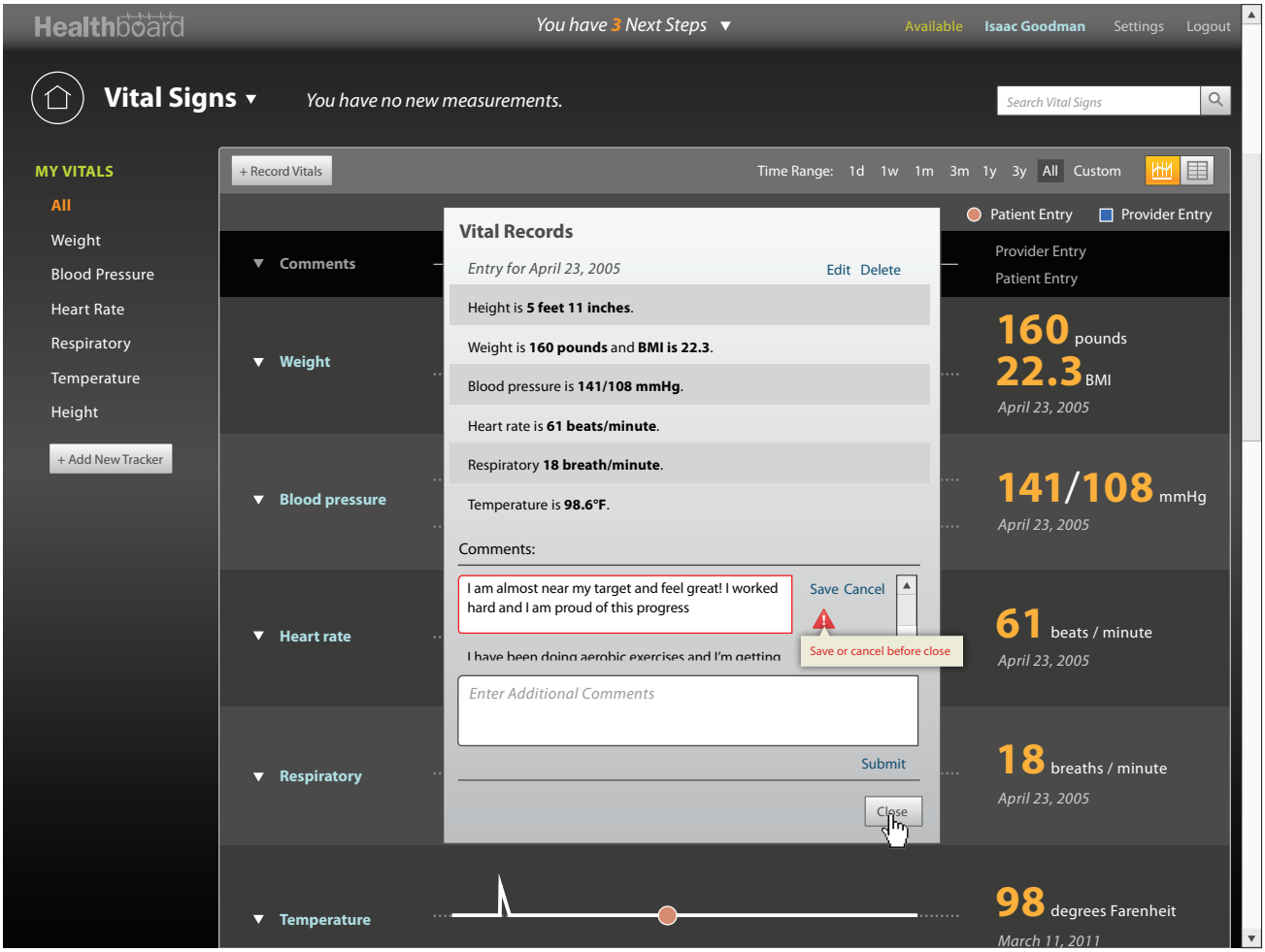
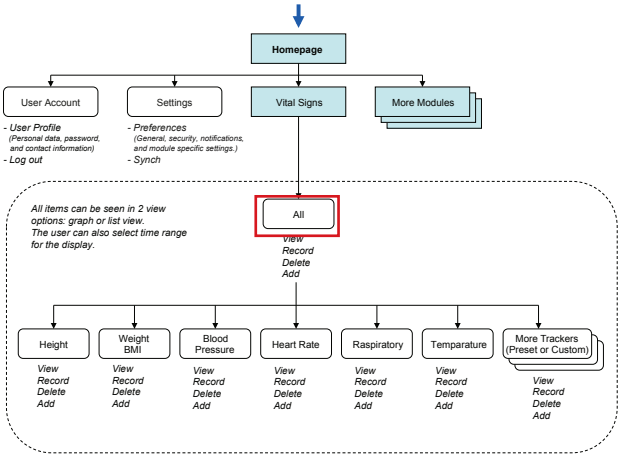
VITAL SIGNS: ADDING/MODIFYING COMMENTS (CONTINUED)



If the user attempts to close the popup window while editing a comment, the system will prompt the user to finish the edit before closing.



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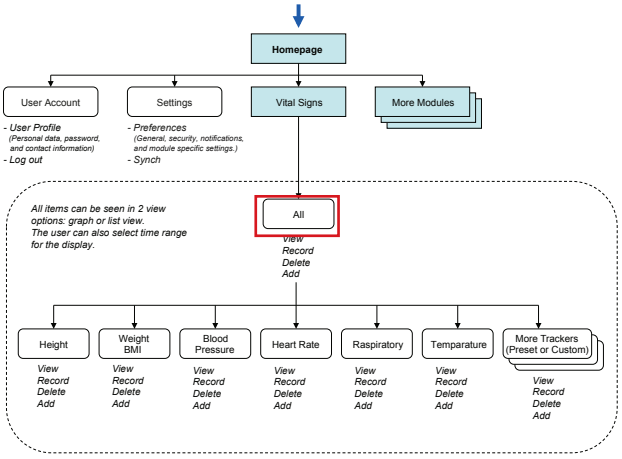
VITAL SIGNS: VIEW VITAL SIGNS HISTORY LOG

Healthboard
You have 3 Next Steps
Available Isaac Goodman Settings Logout
Vital Signs
You have no new measurements.
Search Vital Signs
MY VITALS
All
Weight
Blood Pressure
Heart Rate
Respiratory
Temperature
Height
+ Add New Tracker
+ Record Vitals
Time Range: 1d 1w 1m 3m 1y 3y All Custom
Goal Patient Entry Provider Entry
Comments
Provider Entry
Patient Entry
Weight
180 pounds
View History
25.1 BMI
March 11, 2011
Blood pressure
138/90 mmHg
March 18, 2011
Heart rate
70 beats / minute
March 18, 2011
Respiratory
26 breaths / minute
March 11, 2011
Temperature
98 degrees Farenheit
March 11, 2011

The user selects the "View History" link.



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VITAL SIGNS: VIEW VITAL SIGNS HISTORY LOG (CONTINUED)

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Vital Signs | You have no new measurements. | Search Vital Signs

MY VITALS: All, Weight, Blood Pressure, Heart Rate, Respiratory, Temperature, Height | + Add New Tracker

+ Record Vitals | Time Range: 1d 1w 1m 3m 1y 3y All Custom | Patient Entry | Provider Entry

Log History | Module: Vital Signs | Time Range: All

17:22, March 11, 2011 – Isaac Goodman: Edit for April 23, 2005: Weight, 170 pounds. Reason for edit: Perspiciatis unde omnis iste natus error sit voluptatem accusantium.

17:15, March 11, 2011 – Isaac Goodman: Add for March 11, 2005: Height, 71 inches; Weight, 170 pounds; Blood pressure, 138/90 mmHg; Heart rate, 70 beats / minute; Respiratory, 26 breaths / minute.

17:22, March 11, 2011 – Isaac Goodman: Edit for April 23, 2005: Weight, 170 pounds. Reason for edit: Perspiciatis unde omnis iste natus error sit voluptatem accusantium.

17:15, March 11, 2011 – Isaac Goodman: Add for March 11, 2005: Height, 71 inches; Weight, 170 pounds; Blood pressure, 138/90 mmHg; Heart rate, 70 beats / minute; Respiratory, 26 breaths / minute.

17:22, March 11, 2011 – Isaac Goodman: Edit for April 23, 2005: Weight, 170 pounds. Reason for edit: Perspiciatis unde omnis iste natus error sit voluptatem accusantium.

17:15, March 11, 2011 – Isaac Goodman: Add for March 11, 2005: Height, 71 inches; Weight, 170 pounds; Blood pressure, 138/90 mmHg; Heart rate, 70 beats / minute;

Close

Comments | Provider Entry | Patient Entry

Weight: 180 pounds, 25.1 BMI, March 11, 2011

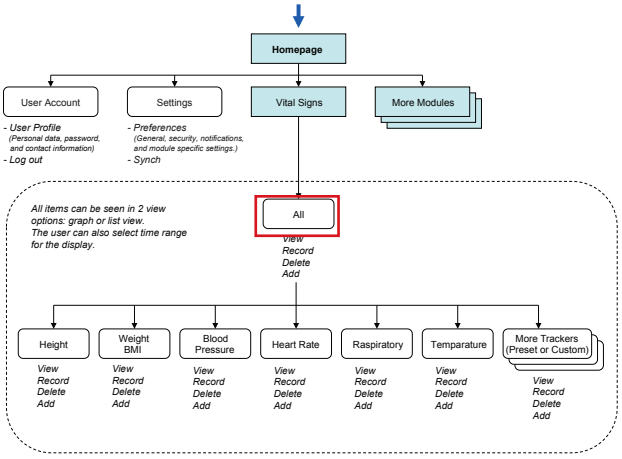
Blood pressu: 138/90 mmHg, March 18, 2011

Heart rate: 70 beats / minute, March 18, 2011

Respiratory: 26 breaths / minute, March 11, 2011

Temperature: 98 degrees Farenheit, March 11, 2011

This screen shows a popup window of the *Vital Signs* history log. The Log History window displays logs tracking amendments applied to all user entries.



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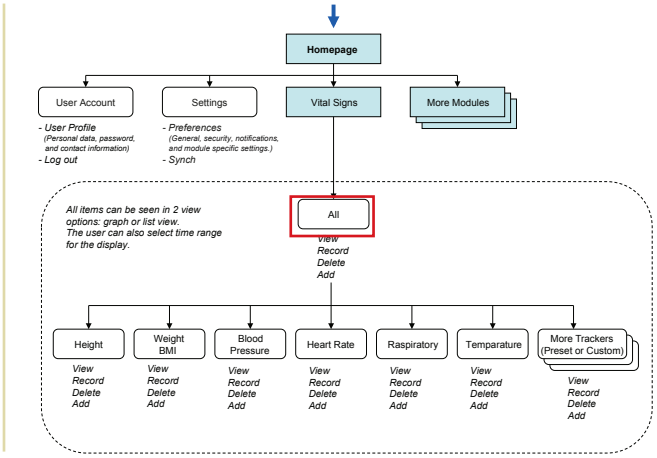
VITAL SIGNS: VIEW VITAL SIGNS HISTORY LOG (CONTINUED)

Information displayed in Log History can be altered through the drop-down menu of "Modules: " and "Time Range: " The user clicks the "Close" button to close the window.



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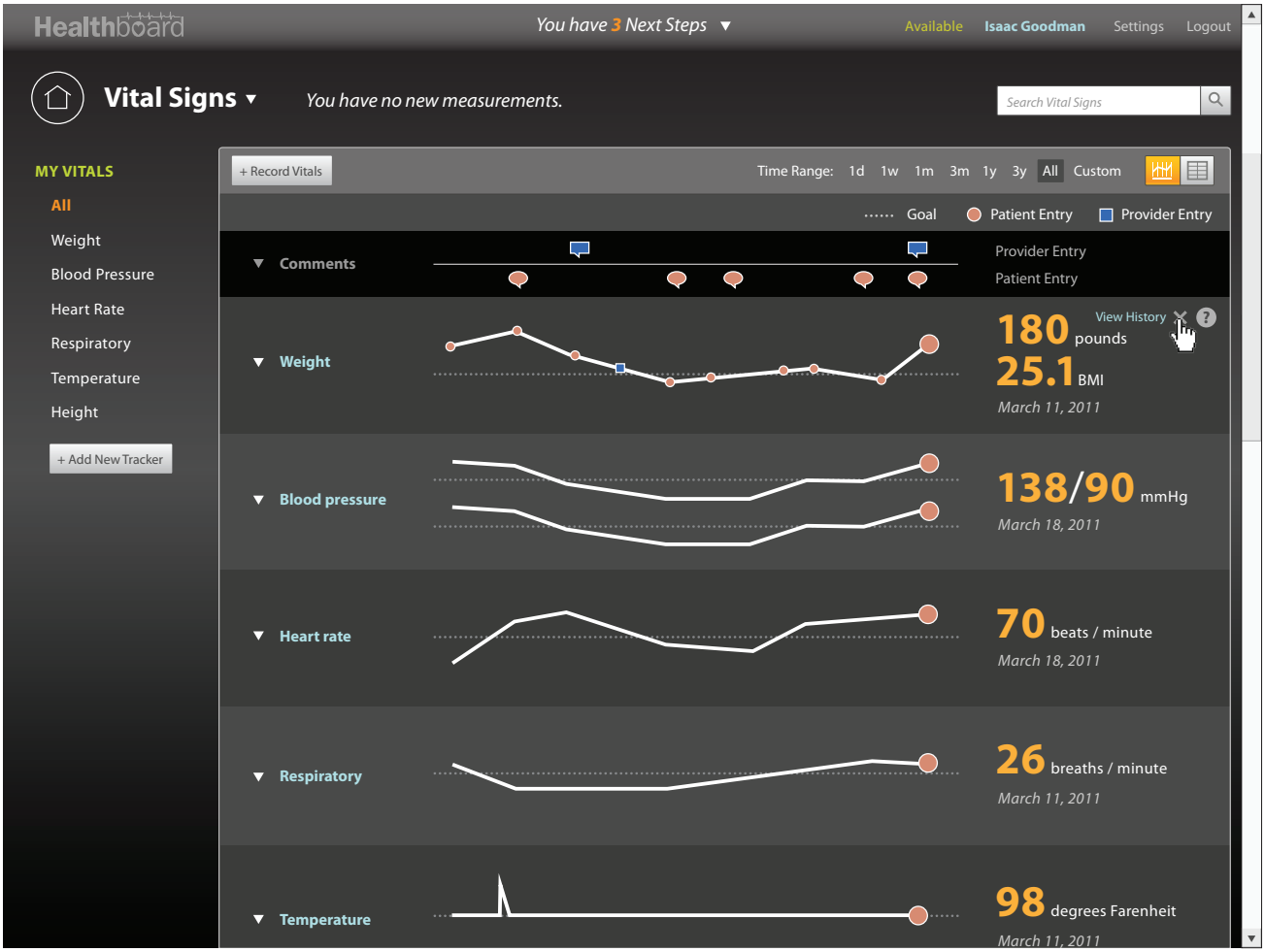
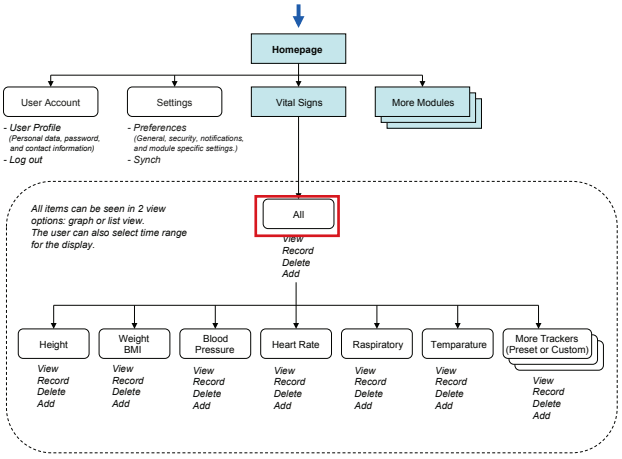
VITAL SIGNS: REMOVE A TRACKER



The user can click the "x" button to remove the Weight tracker.



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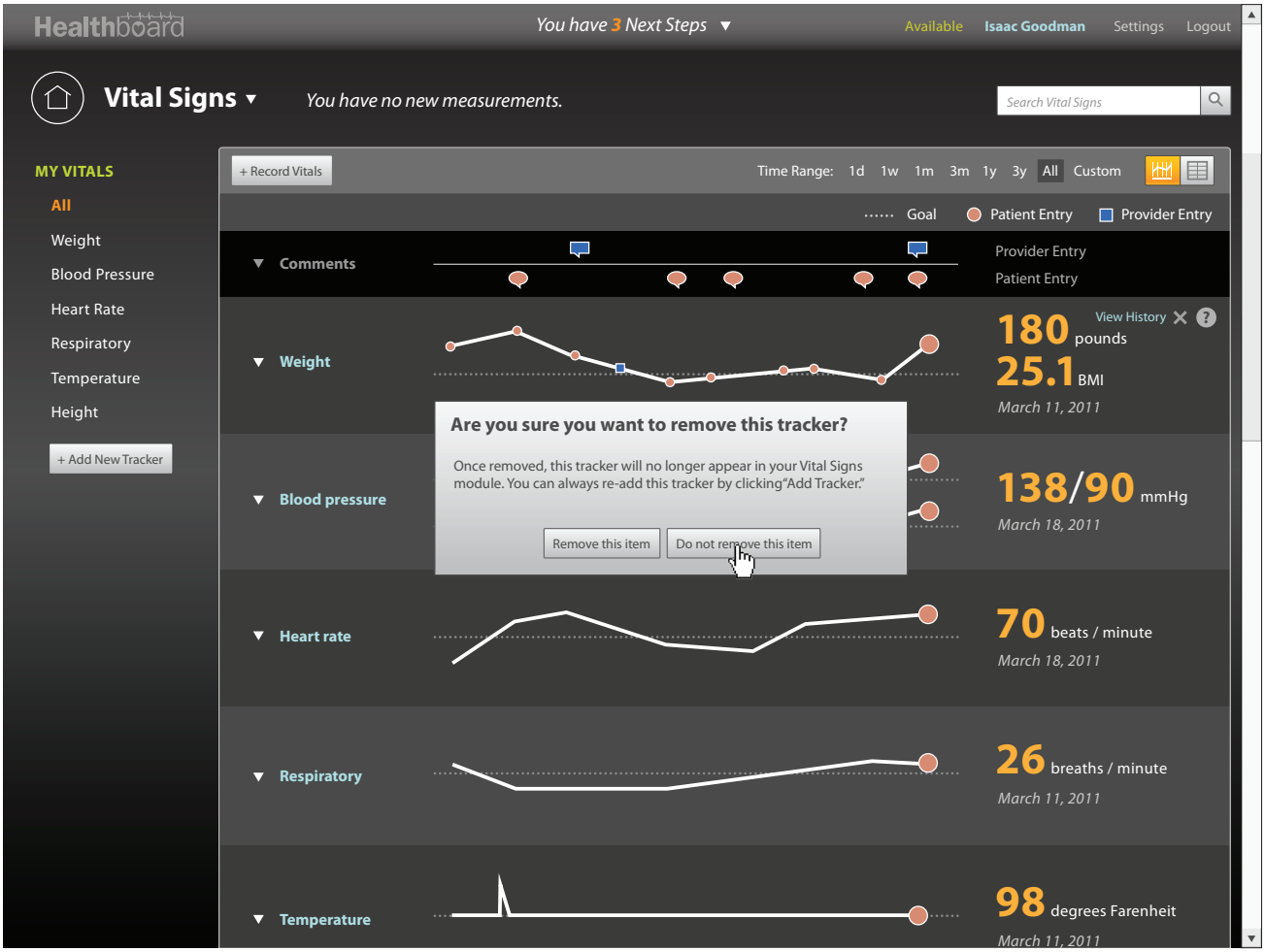
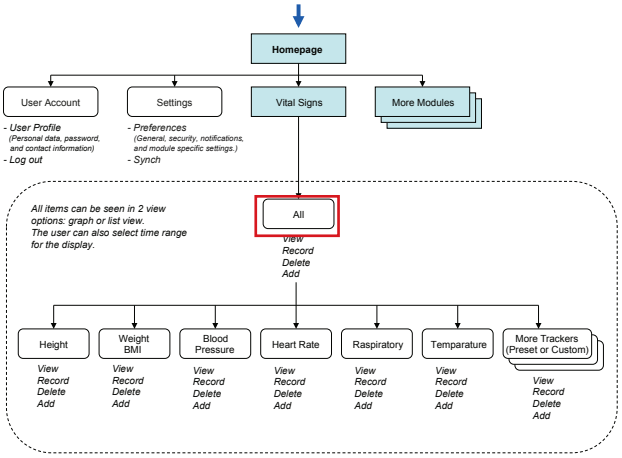
VITAL SIGNS: REMOVE A TRACKER (CONTINUED)



A warning message appears. Once the user deletes the tracker, it will no longer appear in the user's *Vital Signs* module. However, the user can re-add the tracker by clicking the "Add Tracker" button on the left column. The user decides not to delete the tracker and clicks the "Do not remove this item" button.



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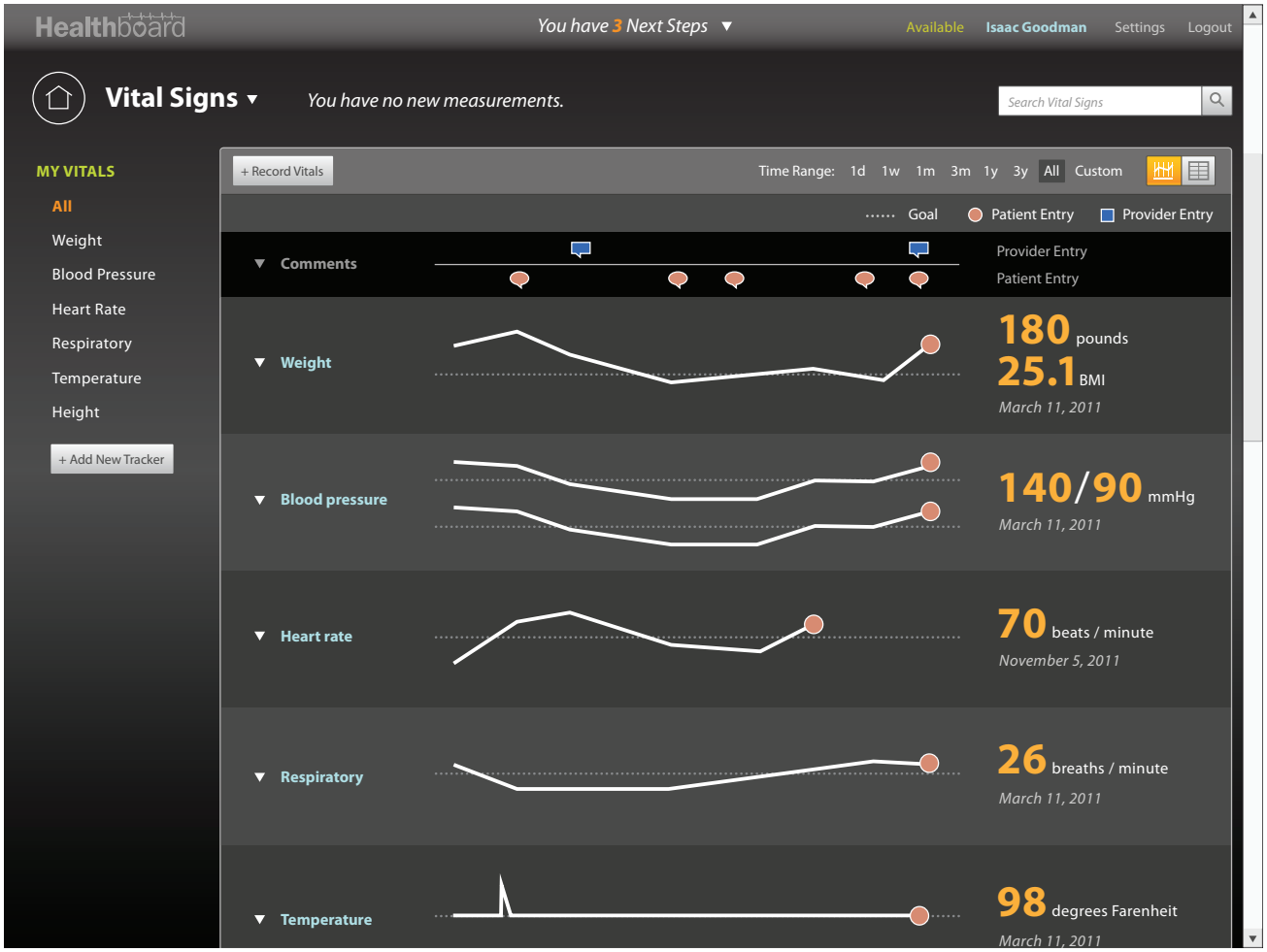
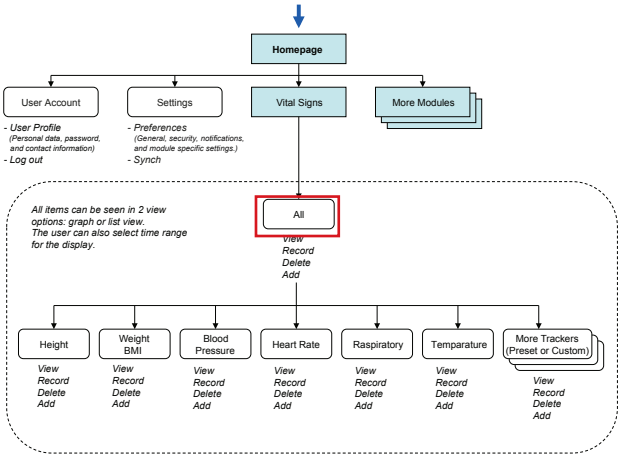
VITAL SIGNS: COMMENT TRACKER



Comments are located at the top of the screen by default. The Provider Entry comments are indicated with nodes above the line and Patient Entry are indicated with nodes below the line.



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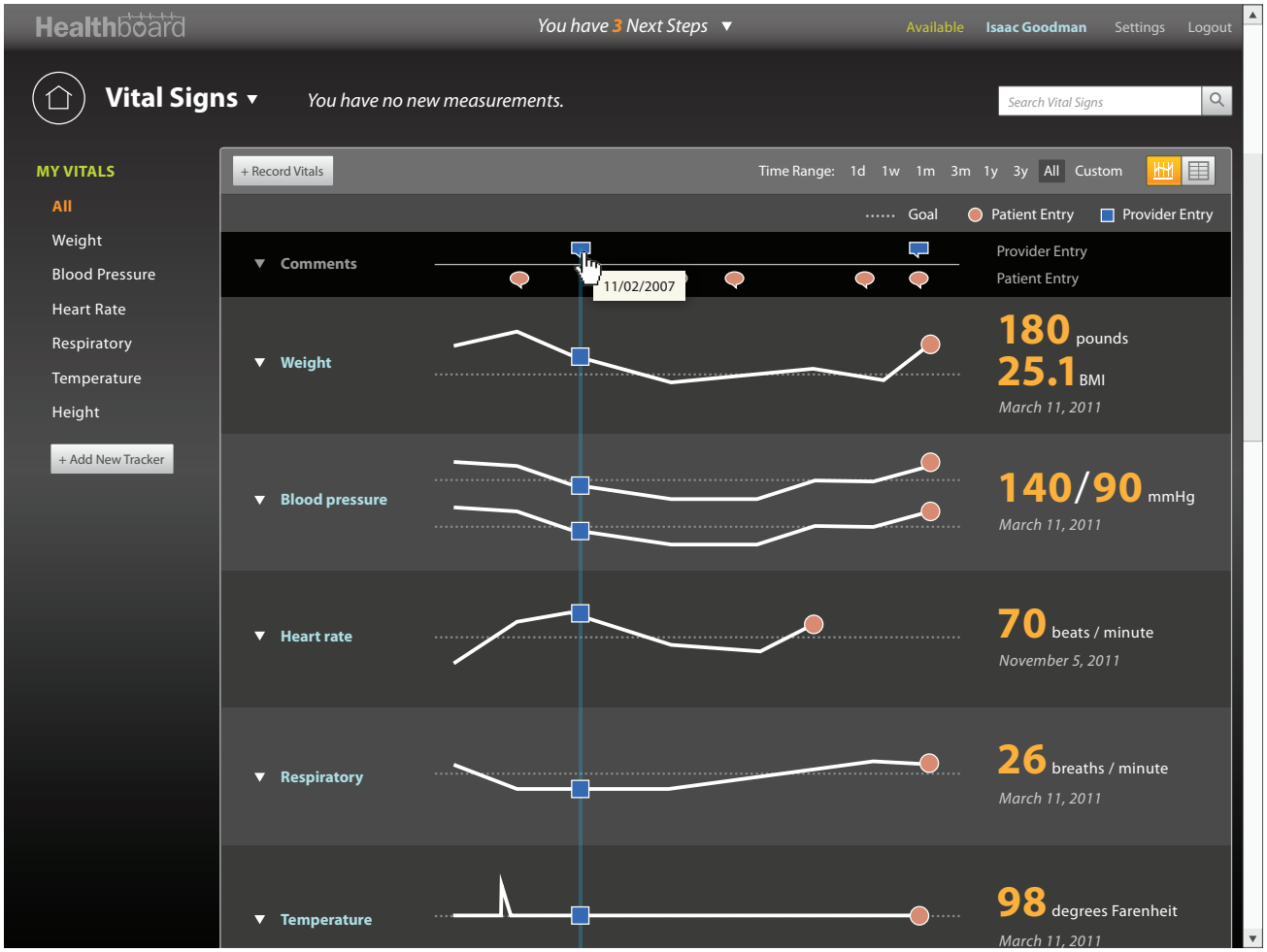
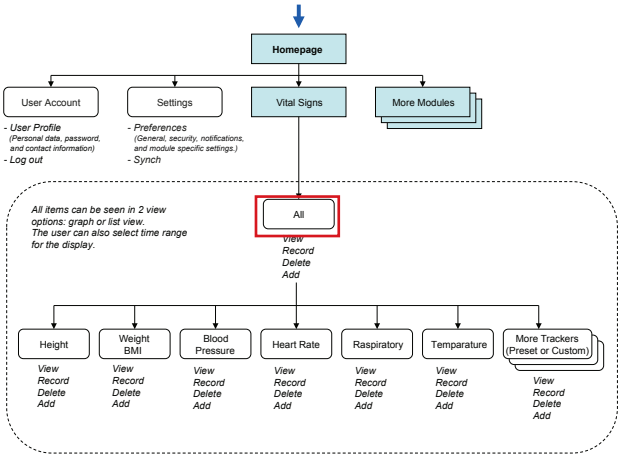
VITAL SIGNS: COMMENT TRACKER (CONTINUED)



When the user hovers over the icon, the entry date appears on a tooptip. The user is able to view the coordinating data on each line graph, indicated by the displayed icons.



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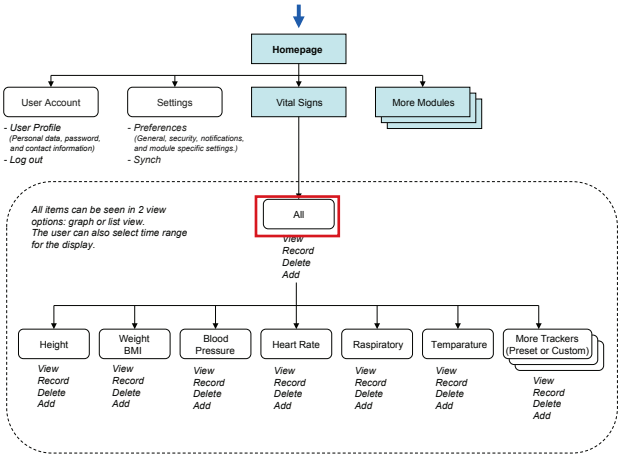
VITAL SIGNS: COMMENT TRACKER (CONTINUED)

Healthboard
You have 3 Next Steps
Available Isaac Goodman Settings Logout
Vital Signs
You have no new measurements.
Search Vital Signs
MY VITALS
All
Weight
Blood Pressure
Heart Rate
Respiratory
Temperature
Height
+ Add New Tracker
+ Record Vitals
Time Range: 1d 1w 1m 3m 1y 3y All Custom
Patient Entry
Provider Entry
Comments
Weight
Blood pressure
Heart rate
Respiratory
Temperature
Vital Records
Entry for November 2, 2007
View only
Height is **5 feet 11 inches**.
Weight is **170 pounds** and **BMI is 23.7**.
Blood pressure is **141/108 mmHg**.
Heart rate is **60 beats/minute**.
Respiratory **20 breath/minute**.
Temperature is **98.0°F**.
Comments:
The patient has gotten closer to his target weight.
– Dr. Andrew Berg, November 2, 2007
View only
Submit
Close
Provider Entry
Patient Entry
180 pounds
25.1 BMI
March 11, 2011
140/90 mmHg
March 11, 2011
70 beats / minute
November 5, 2011
26 breaths / minute
March 11, 2011
98 degrees Farenheit
March 11, 2011

Clicking on the comment icon brings the user to "Vital Records" window displaying relevant measures and comments. Entries made by the provider are view only as the user (patient) is now allow to modify them.



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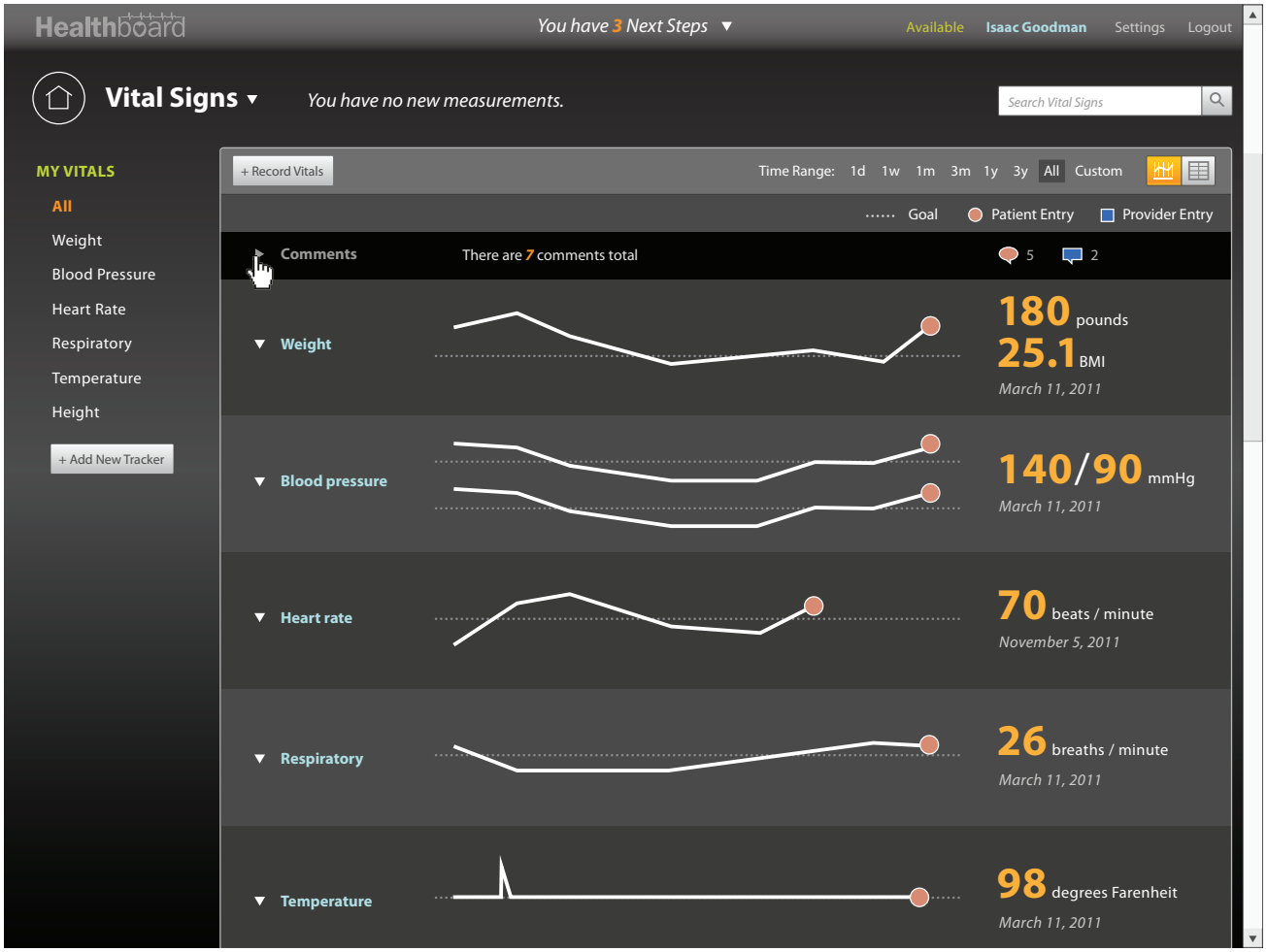
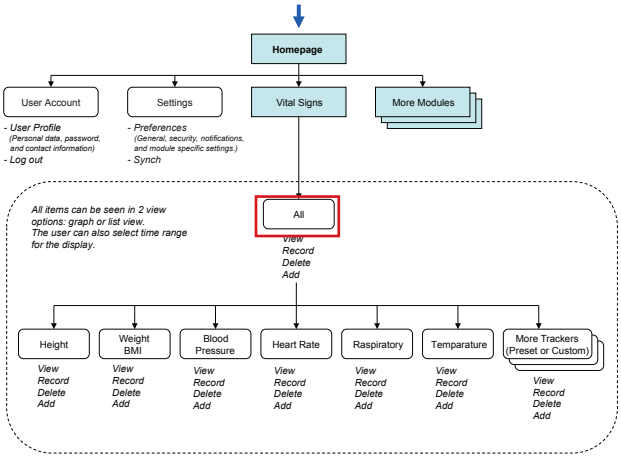
VITAL SIGNS: COMMENT TRACKER (CONTINUED)



The user can collapse and reopen the comments by clicking the arrow.



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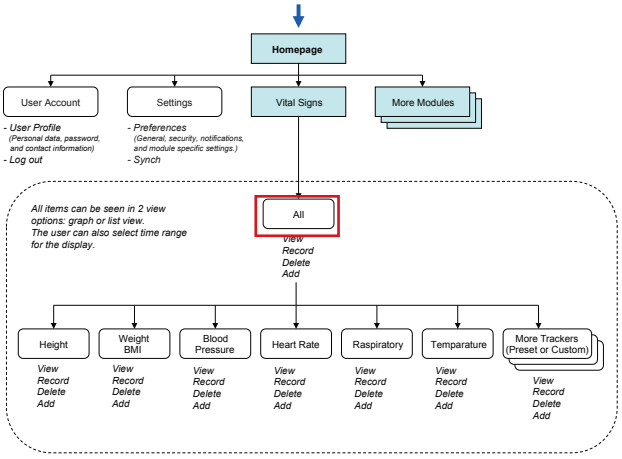
VITAL SIGNS: DRILLING DOWN TO A TRACKER DETAILS: WEIGHT

Healthboard
You have 3 Next Steps
Available Isaac Goodman Settings Logout
Vital Signs
You have no new measurements.
Search Vital Signs
MY VITALS
All
Weight
Blood Pressure
Heart Rate
Respiratory
Temperature
Height
+ Add New Tracker
+ Record Vitals
Time Range: 1d 1w 1m 3m 1y 3y All Custom
Goal Patient Entry Provider Entry
Comments
Provider Entry
Patient Entry
Weight
180 pounds
View History
25.1 BMI
March 11, 2011
Blood pressure
138/90 mmHg
March 18, 2011
Heart rate
70 beats / minute
March 18, 2011
Respiratory
26 breaths / minute
March 11, 2011
Temperature
98 degrees Farenheit
March 11, 2011

The user clicks the *Weight* tracker or the link from the left menu column to see the detailed view.



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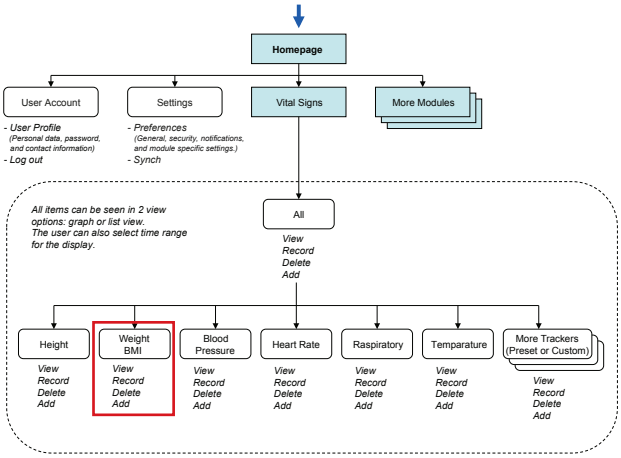
VITAL SIGNS: DRILLING DOWN TO A TRACKER DETAILS: EDIT GOAL

This screen shows the detail page of *Weight* tracker.

The detailed graph view is useful for understanding the trends in history and comparing the user's status with the goal and references. In this view, the user can also see who has entered which record, indicated by the shape of nodes. The two separate node sets in different color and shapes help the user identify the source of entry.

The most recent data entered appears above the graph along with its associated dates, as well as the difference in values compared to the last entry. The triangle icon indicates the increase/decrease in values. The color, red, indicates that the change is unfavorable.



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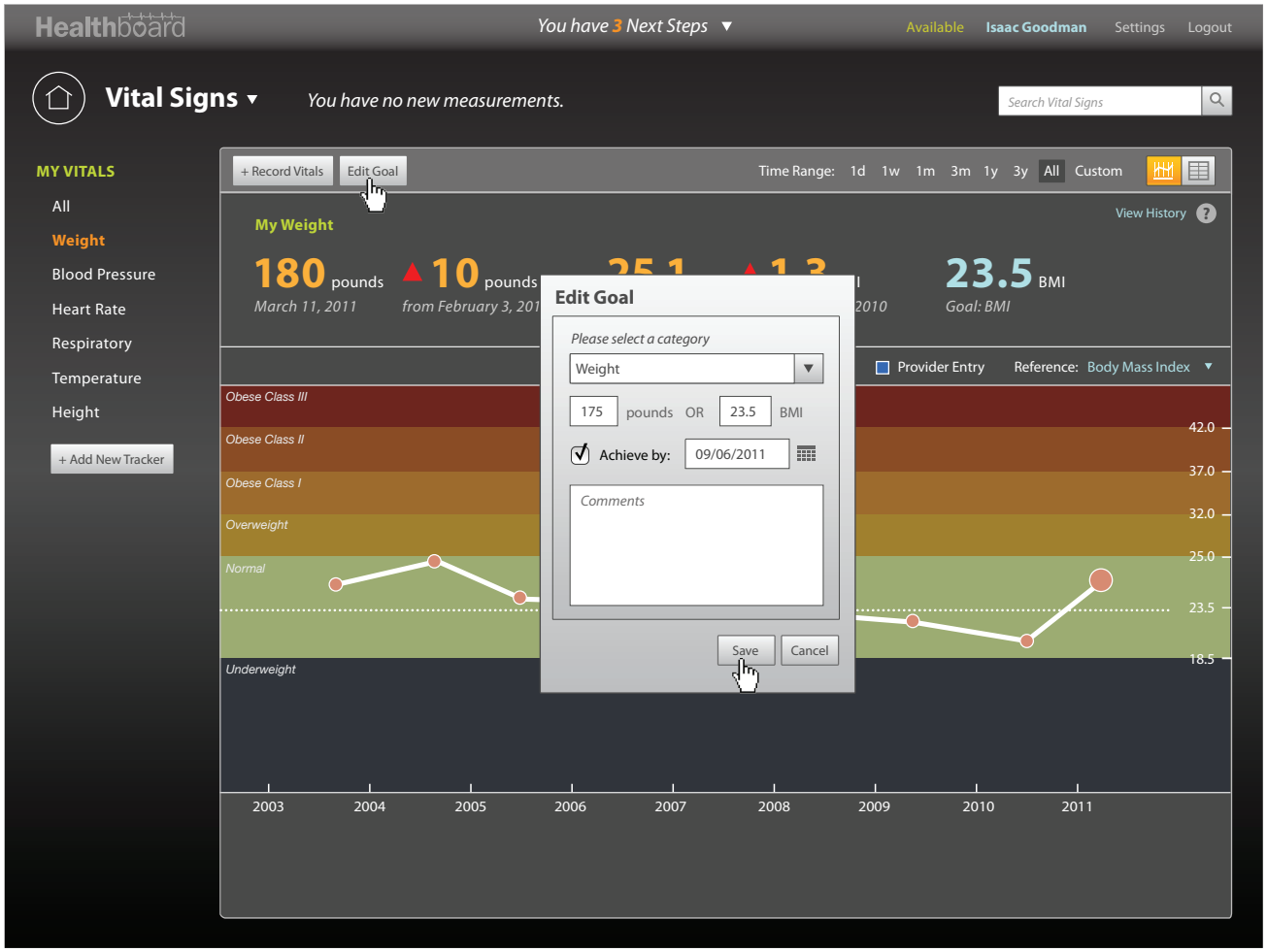
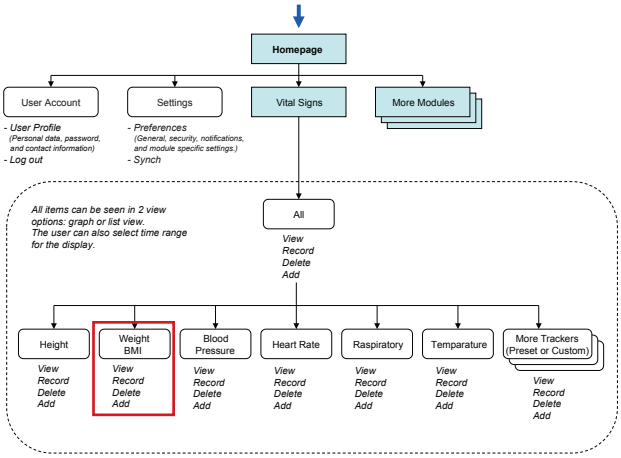
VITAL SIGNS: DRILLING DOWN TO A TRACKER DETAILS: EDIT GOAL



The user can edit his goal by selecting the "Edit Goal" button. In this screen, the category is defaulted to Weight because the user is in that section.



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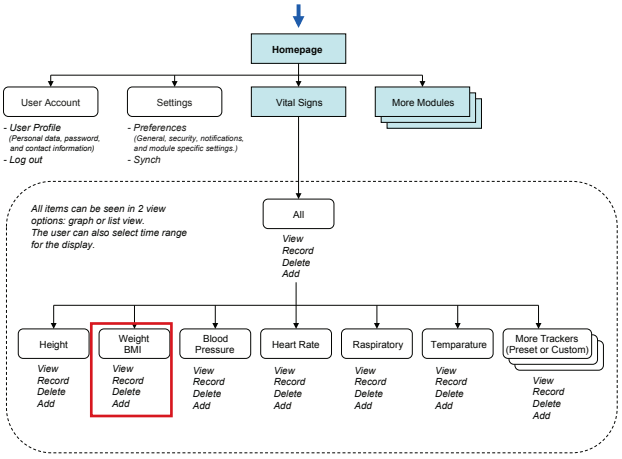
VITAL SIGNS: DRILLING DOWN TO A TRACKER DETAILS: WEIGHT

The position of the dotted line represents the updated goal. Once the edited goal is saved, it is indicated accordingly with a red line on the time line.



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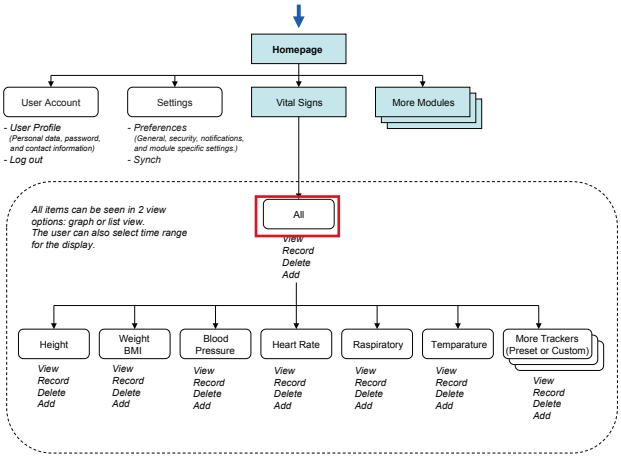
VITAL SIGNS: REFERENCES

The user may select the preferred reference from the "References" menu.



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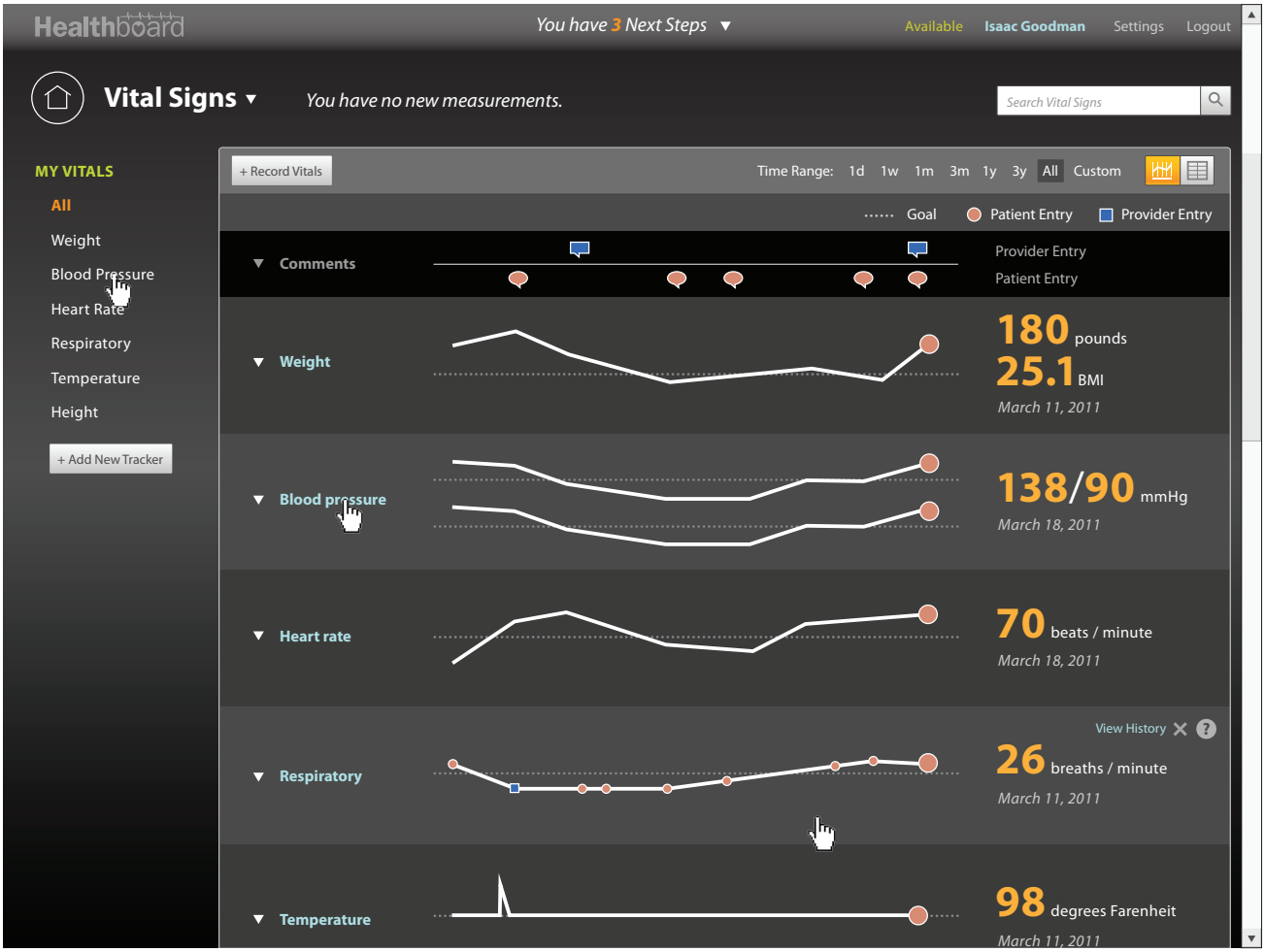
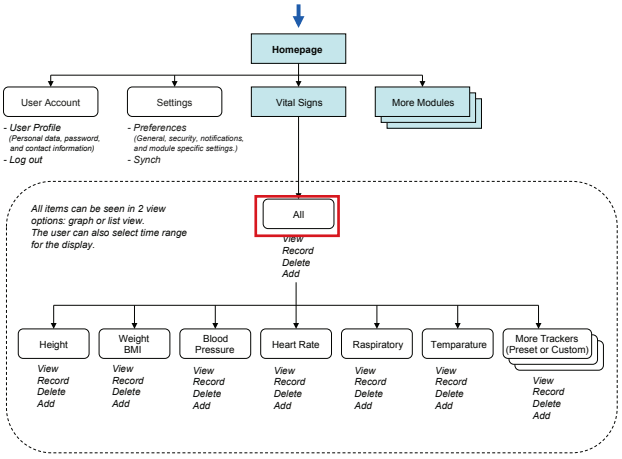
VITAL SIGNS: DRILLING DOWN TO A TRACKER DETAILS: BLOOD PRESSURE



The user returns to the summary view by clicking the "All" link from the left side column. Then the user clicks the Blood Pressure tracker to see the detailed view.



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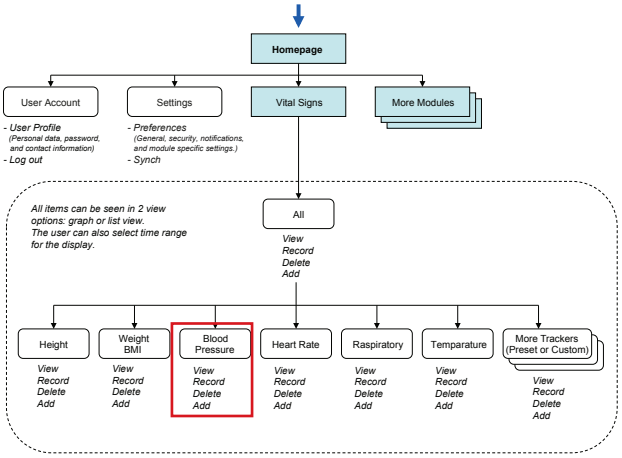
VITAL SIGNS: DETAILED BLOOD PRESSURE RECORDS IN GRAPH VIEW

This screen shows the detailed view of Blood Pressure tracker. The graph shows both systolic and diastolic record history of the patient. The background is color-coded based on the systolic reference.

The user clicks "+ Record Vitals" button.



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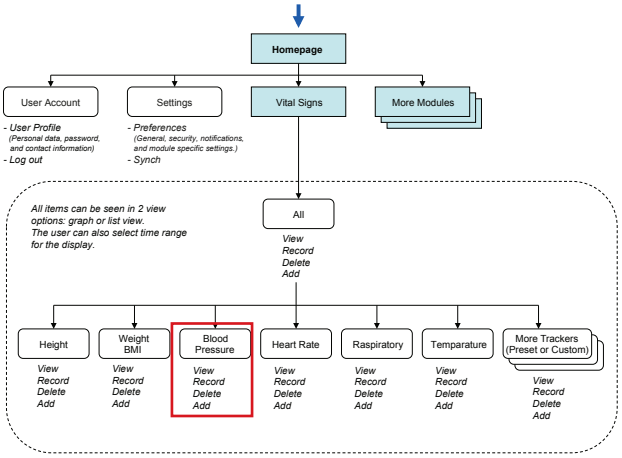
VITAL SIGNS: BLOOD PRESSURE DATA ENTRY 1

The "Record Vitals" window appears which the user can enter new data. The user clicks the "Cancel" button.



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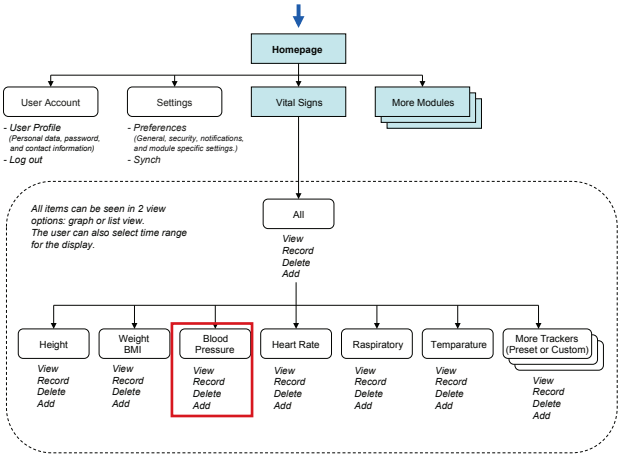
VITAL SIGNS: BLOOD PRESSURE DATA ENTRY 2

The user returns to the previous display.



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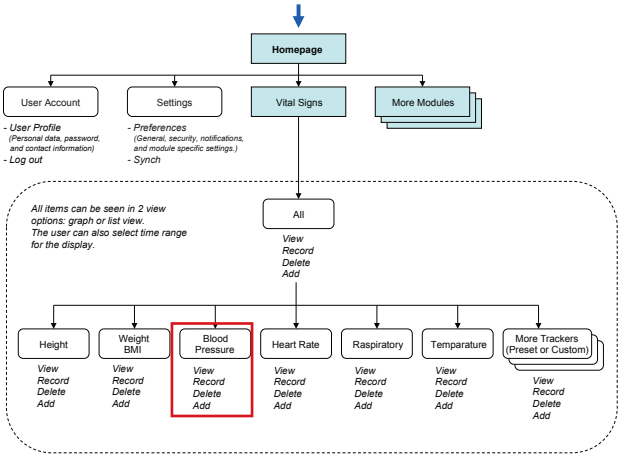
VITAL SIGNS: VIEWING THE PAST RECORDS

Same as the summary view, the hovered nodes get enlarged as the user moves the cursor along the graph. In addition, values associated with these nodes change on the top.



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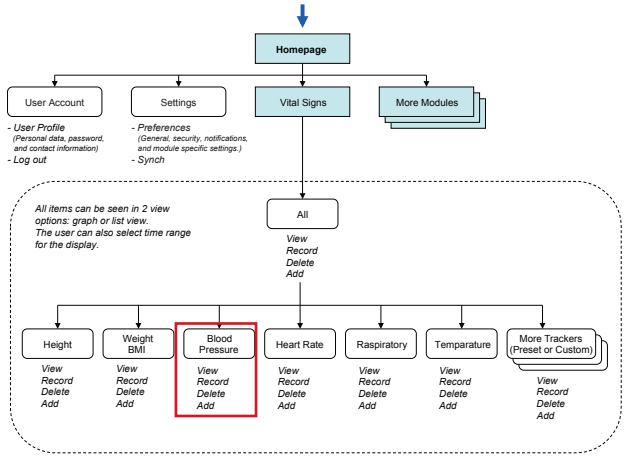
VITAL SIGNS: MODIFYING THE PAST RECORD ENTRY IN GRAPH VIEW

When the user clicks on the node, Record Vitals window appears for data entry where the user can update the data. The user decides not to change the record and clicks the "Cancel" button.



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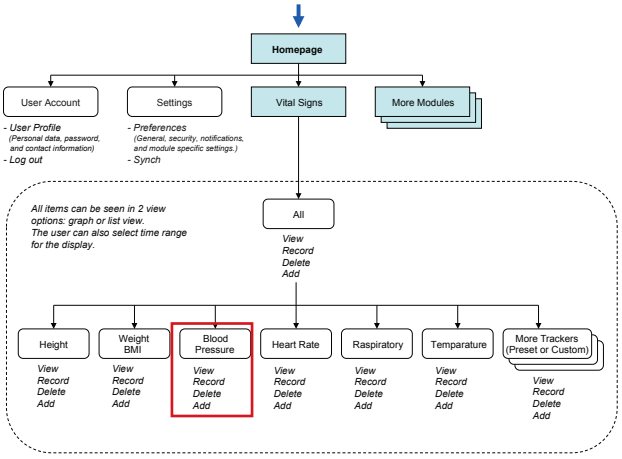
VITAL SIGNS: SELECTING CUSTOM DURATION

The user can customize the time range for displayed records. The user clicks "Custom" on the top right.



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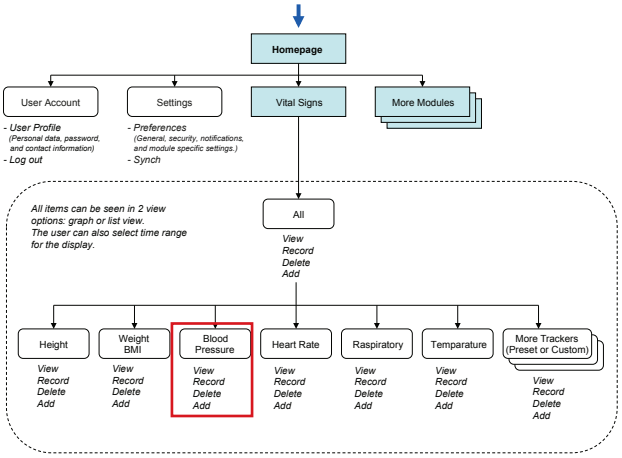
VITAL SIGNS: SELECTING CUSTOM DURATION (CONTINUED)

Custom Time Range window appears. The user can enter the beginning date and end date to set the duration. The user clicks "Cancel" button.



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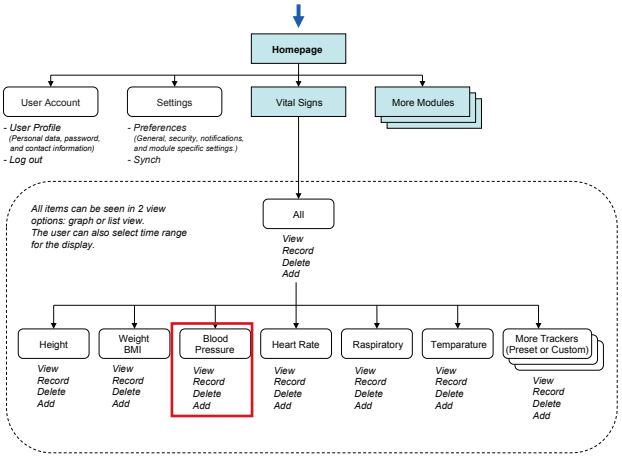
VITAL SIGNS: CUSTOM DURATION WINDOW CLOSED

The user returns to the previous display.



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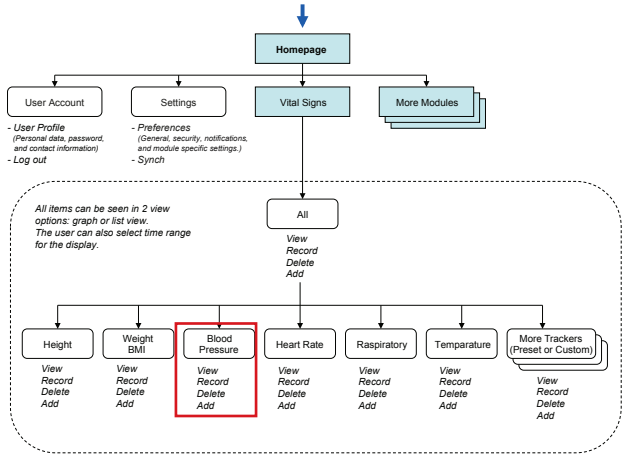
VITAL SIGNS: EDIT GOAL

The user may edit the goal by clicking "Edit Goal" button in the action menu bar. Once the user clicks thge button, the Edit Goal window appears. Here the user can set his own goal for the tracker.



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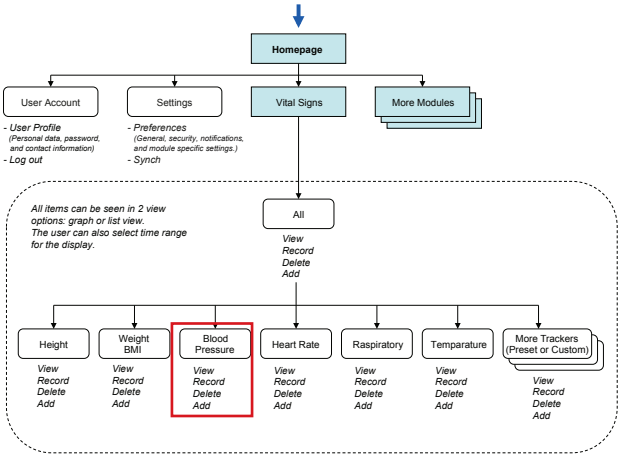
VITAL SIGNS: EDIT GOAL (CONTINUED)

The user enters a new goal for systolic form 105 to 110 mmHg. The user clicks "Save" button



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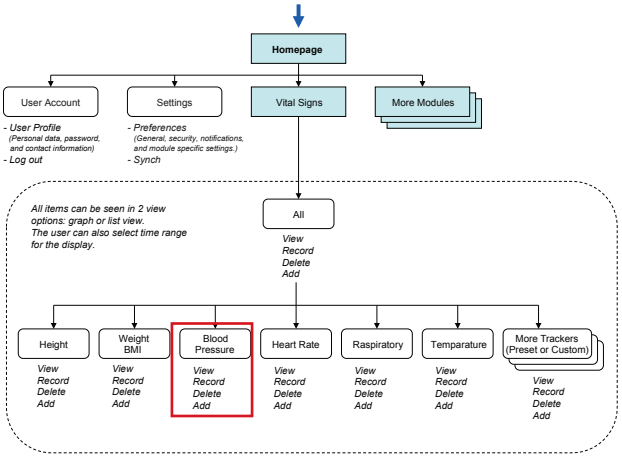
VITAL SIGNS: SWITCHING TO TABLE VIEW

The updated goal is shown on the graph.



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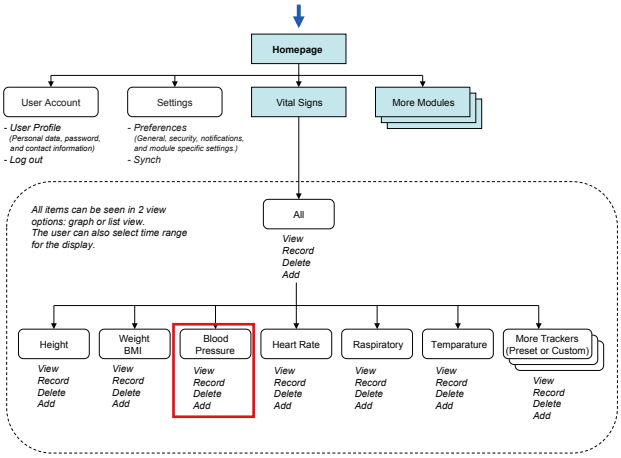
VITAL SIGNS: REFERENCES

As demonstrated in the Weight section, the user can change the displayed information through "References," located on the right above the y-axis values of the graph. Diastolic is currently selected.



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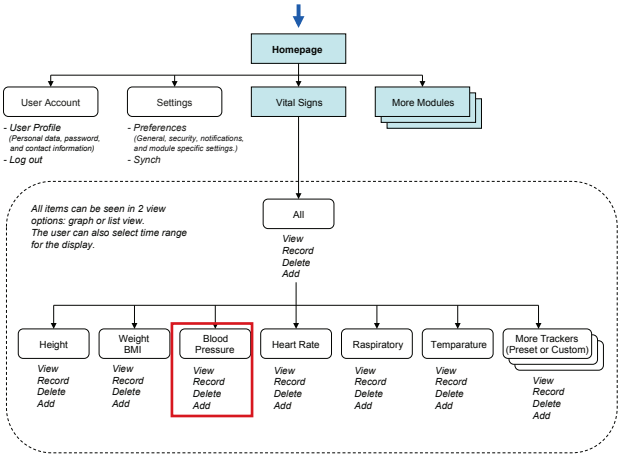
VITAL SIGNS: SWITCHING TO TABLE VIEW

The user clicks Table button in the upper right of the action bar to switch view.



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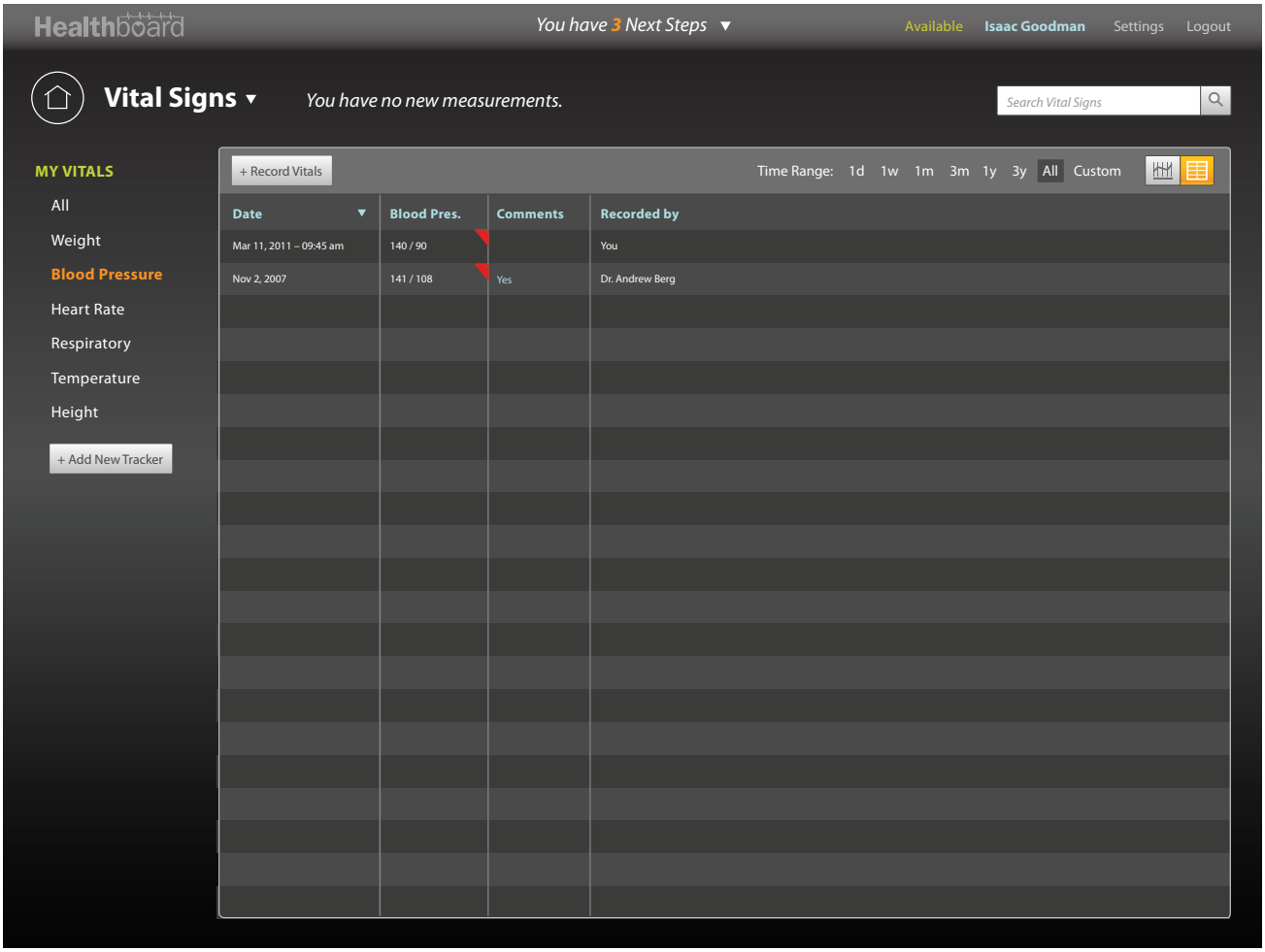
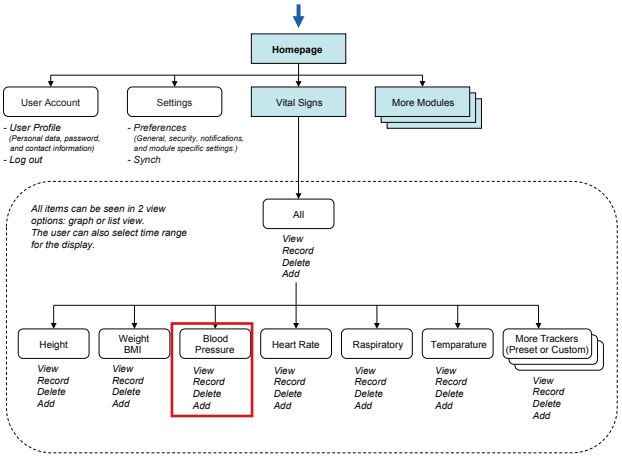
VITAL SIGNS: TABLE VIEW OF BLOOD PRESSURE



This view shows the table view of the Blood Pressure tracker. The table view provides a list of all blood pressure data recorded in the system with recorder's information as well as comments. The red triangles in the upper right corner of cells indicate "problem." If the triangle is yellow, it means "less problematic" or "needs attention."



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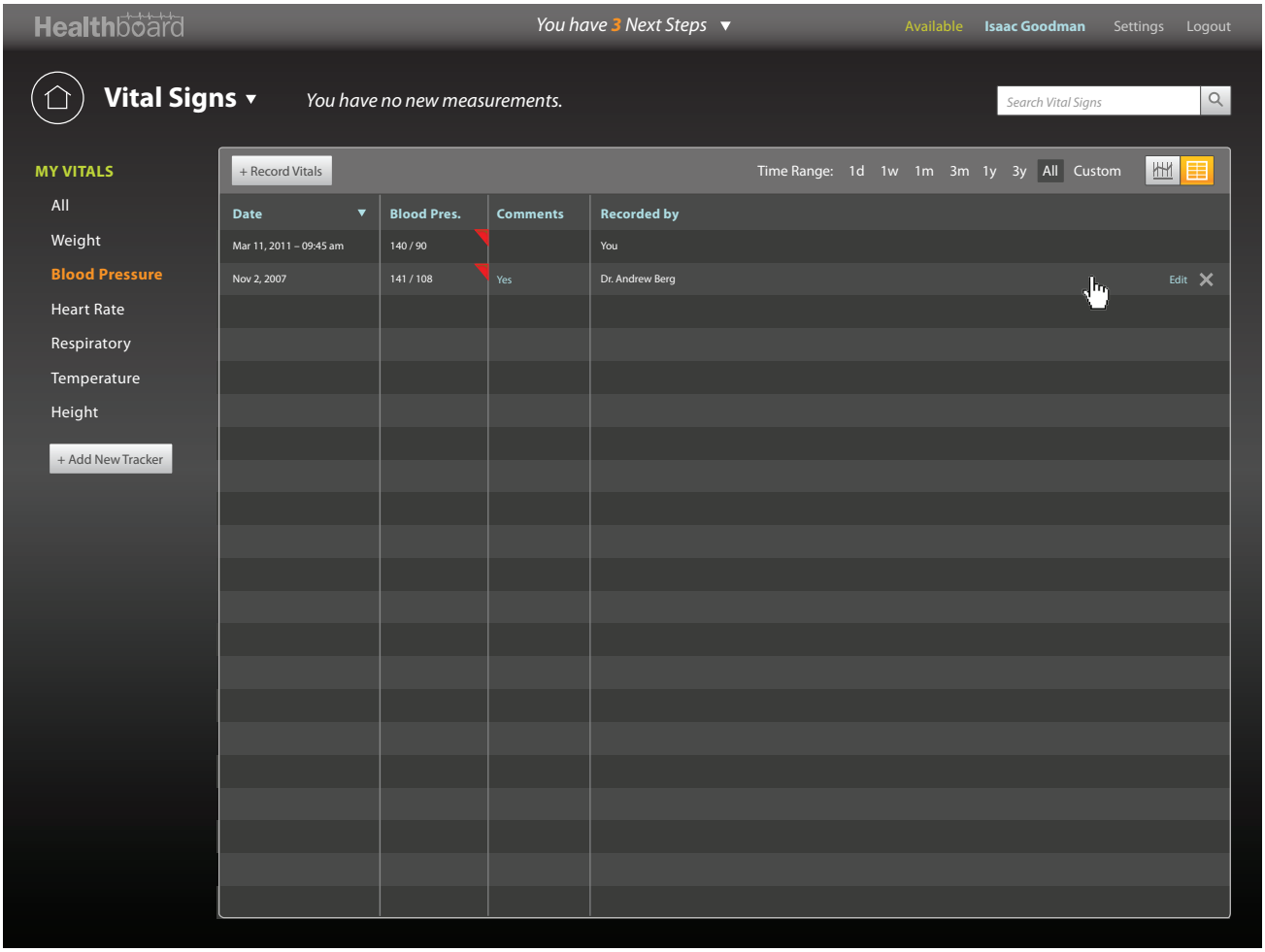
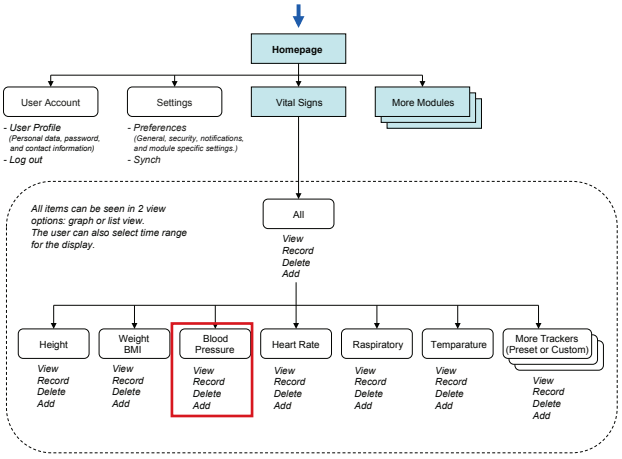
VITAL SIGNS: EDITING THE ENTRY



When the user hovers on a row, "Edit" link and "x" (remove) button appears.



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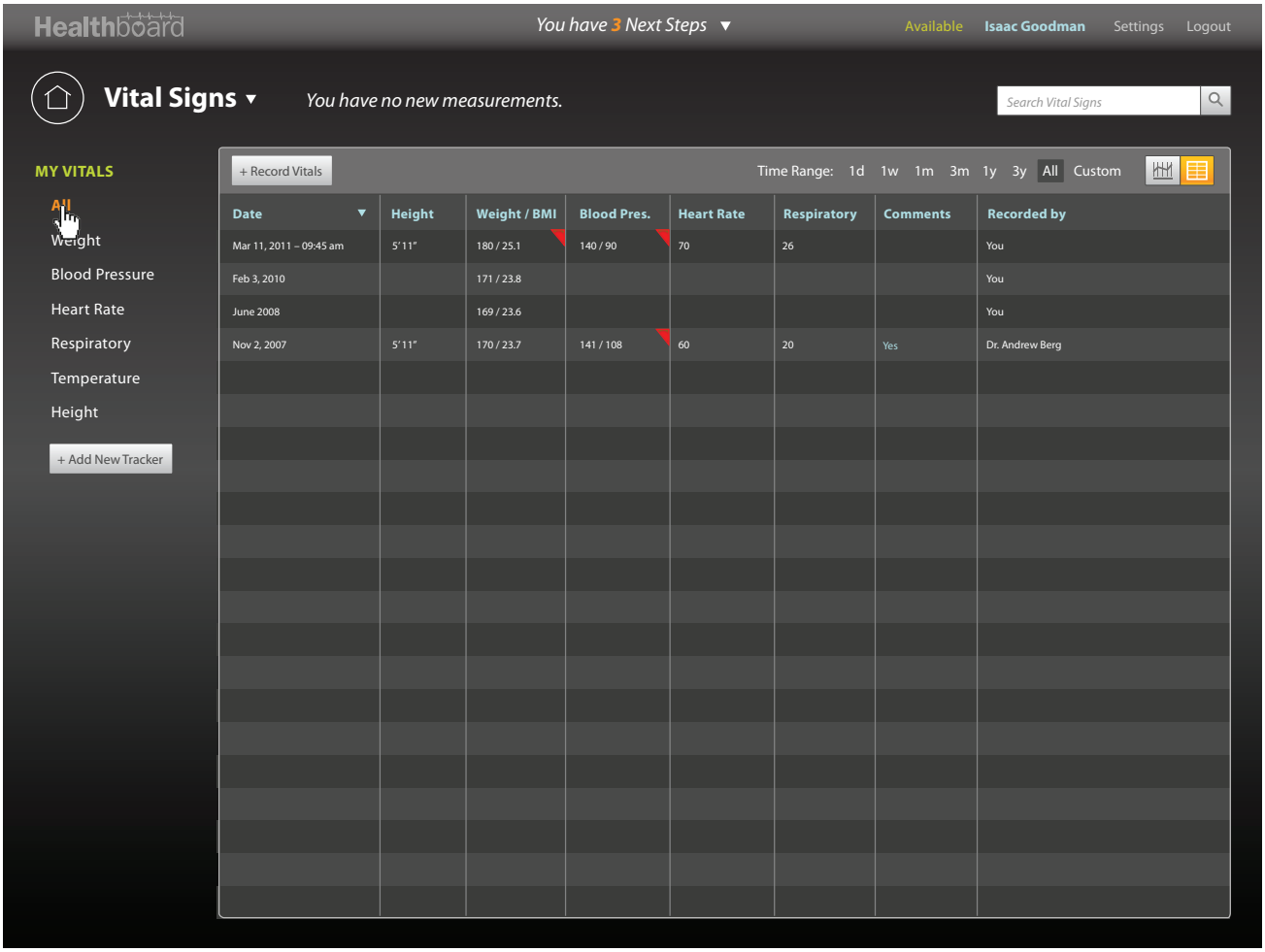
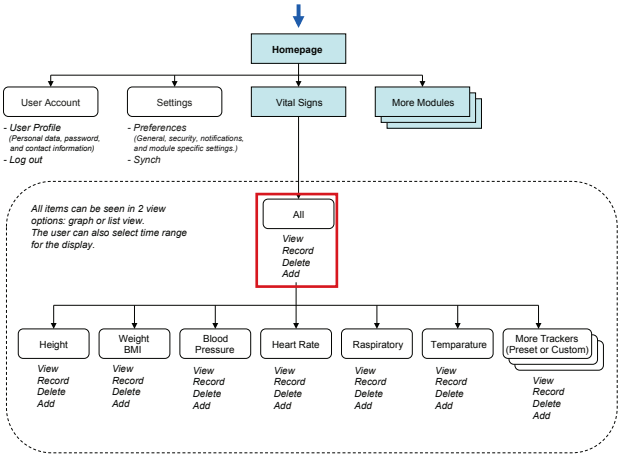
VITAL SIGNS: TABLE VIEW IN ALL



The user clicks "All" on the left. The table view shows all trackers.



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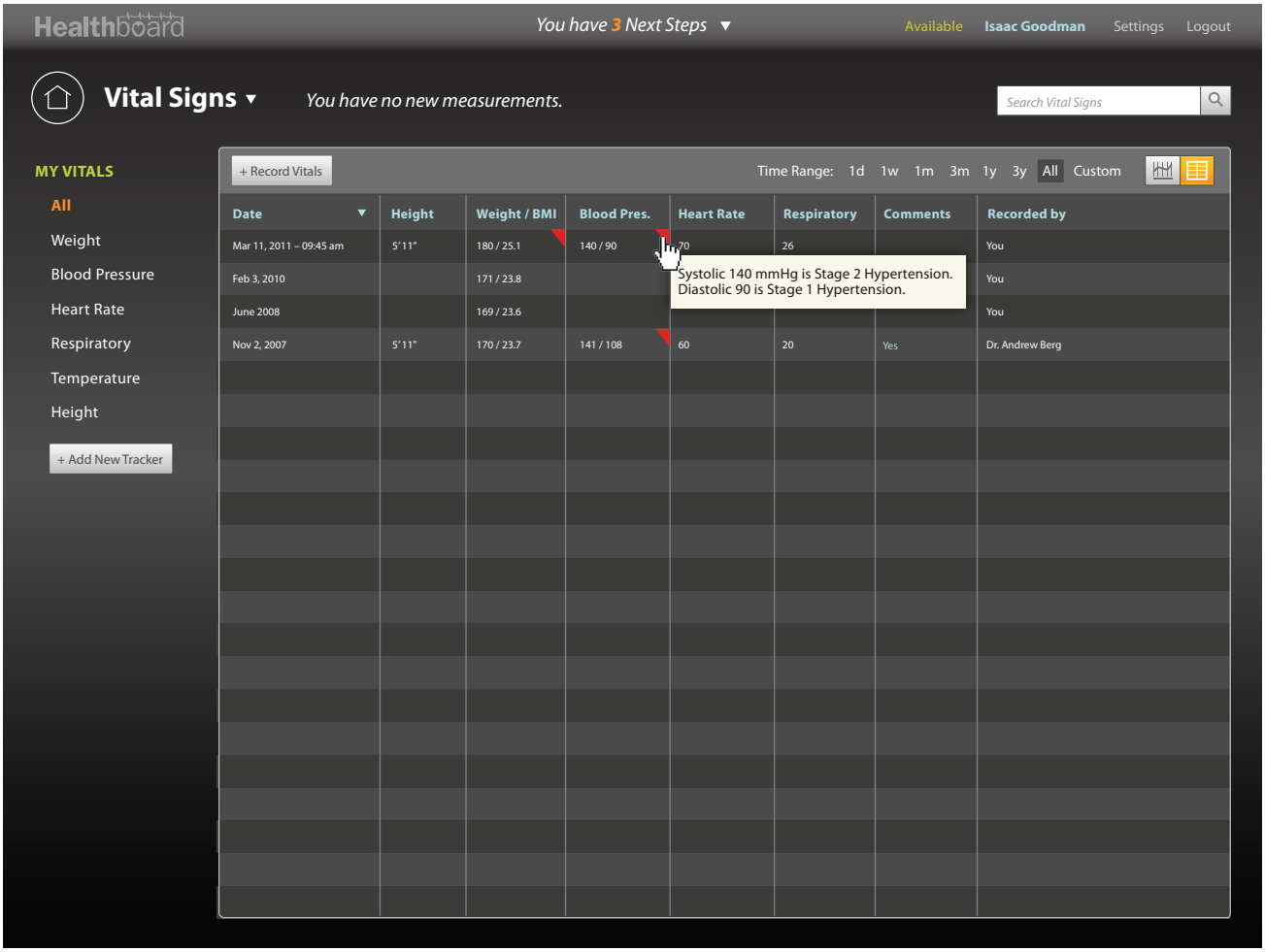
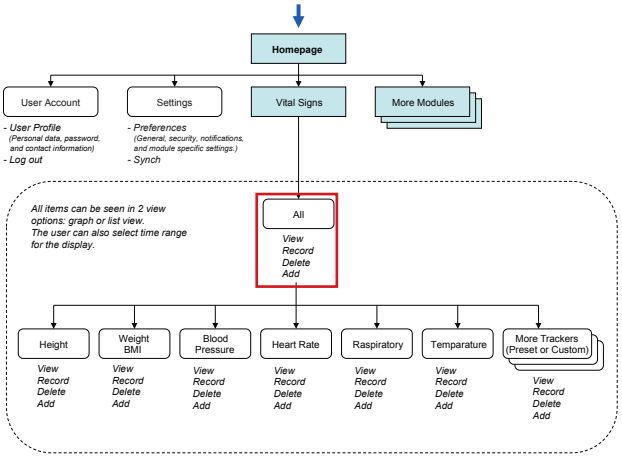
VITAL SIGNS: TABLE VIEW IN ALL



The user can hover the red triangle to see the detailed information about the warning.



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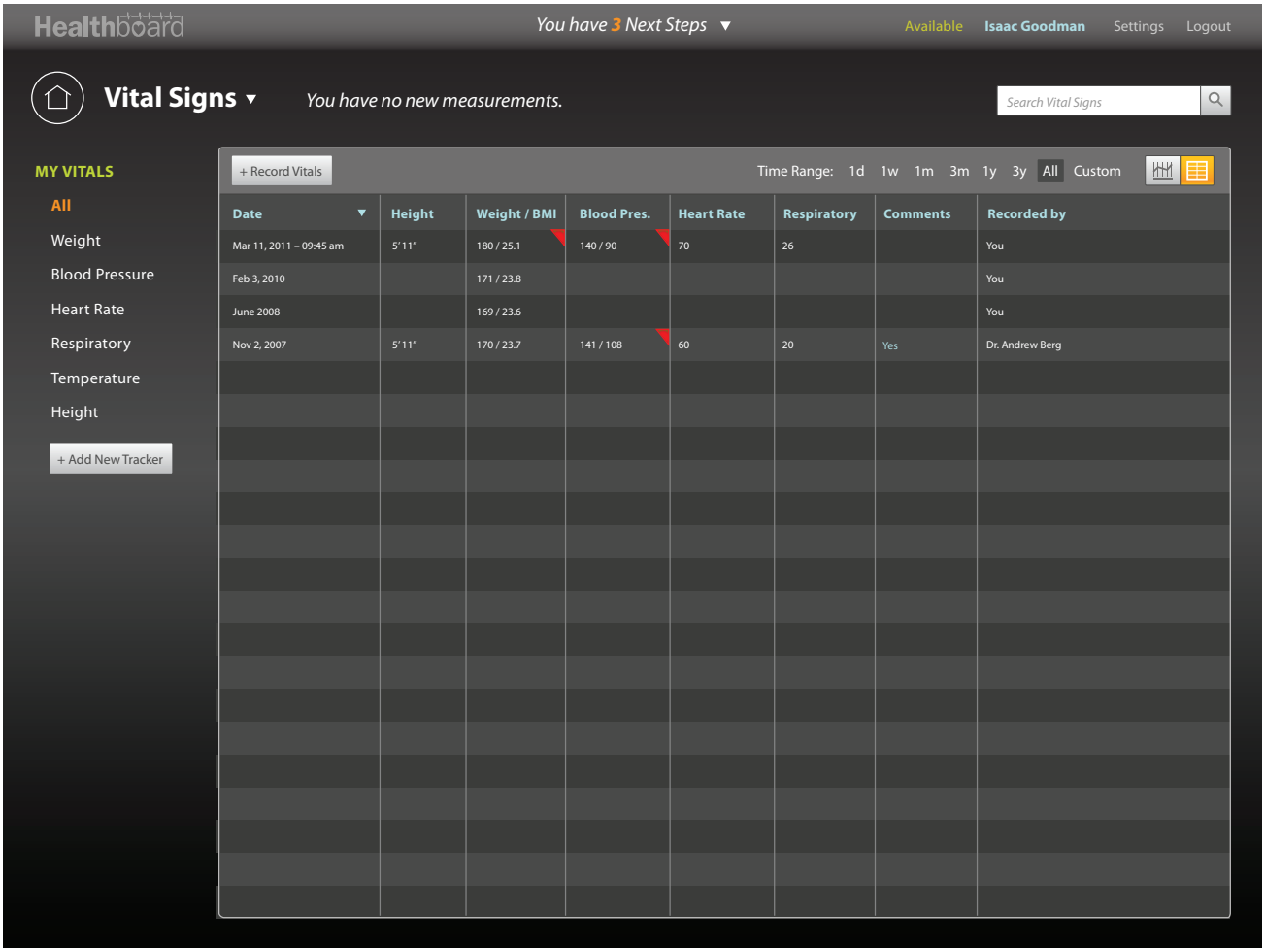
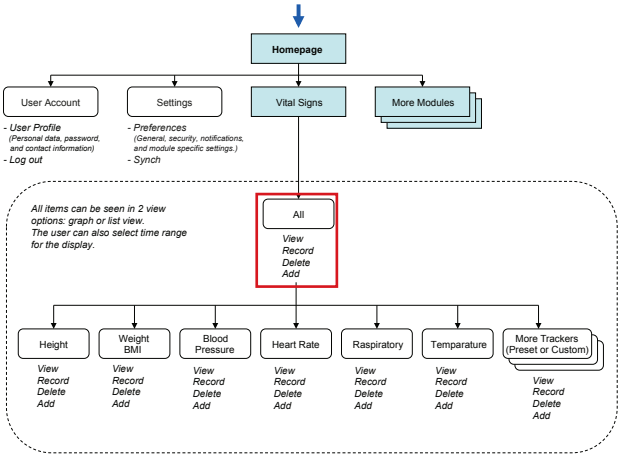
VITAL SIGNS: TABLE VIEW IN ALL



The user clicks the "+ Add New Tracker" button.



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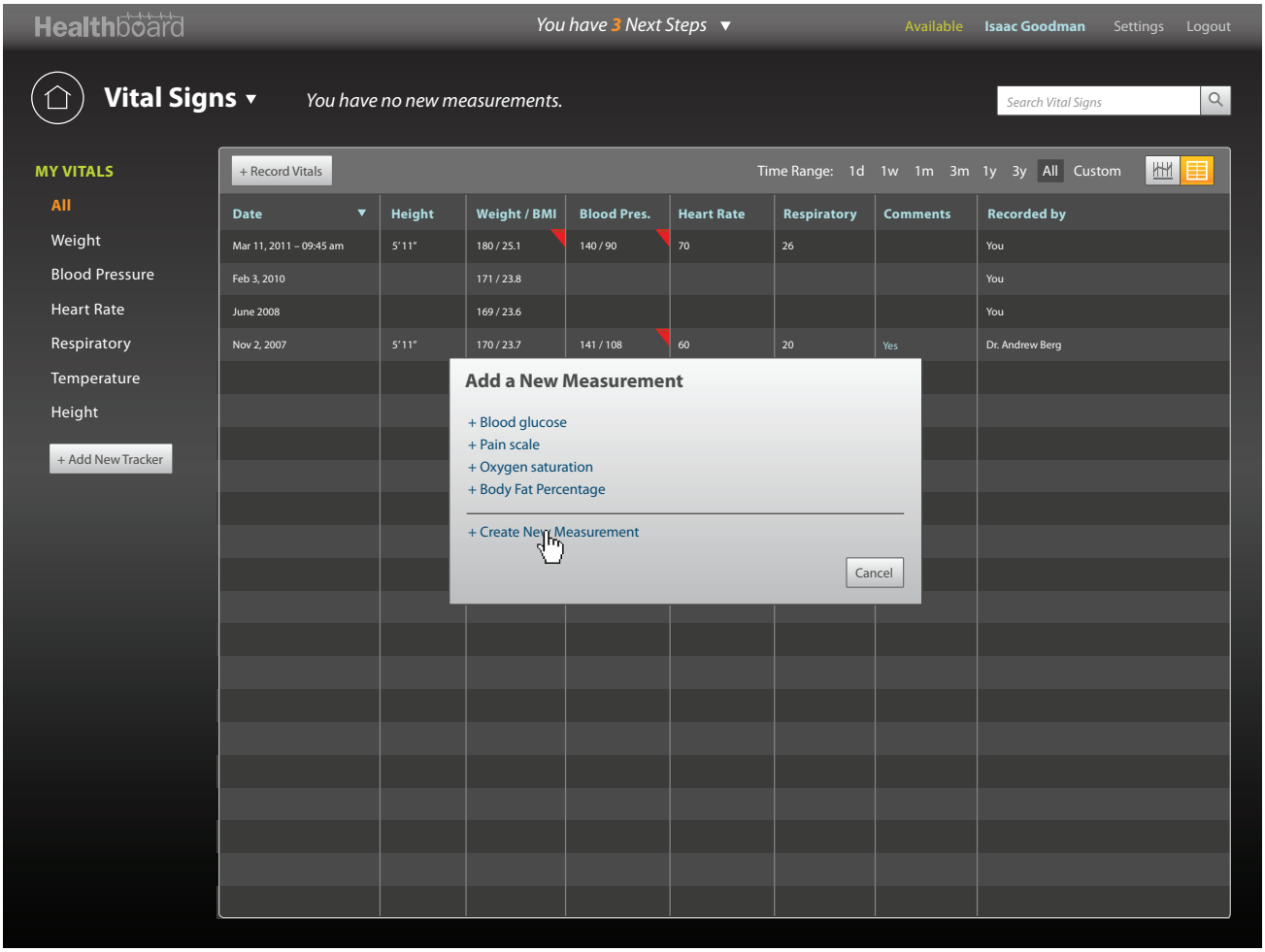
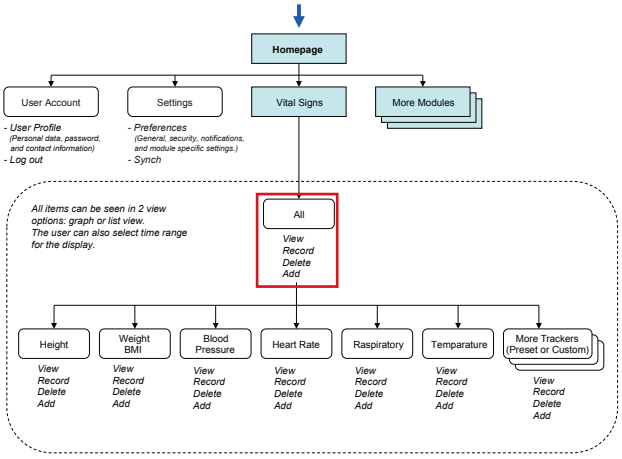
VITAL SIGNS: ADD TRACKER



"Add a New Measurement" window appears. Here the user can select from predetermined trackers or create a new tracker in the "+ Create New Measurement" window.



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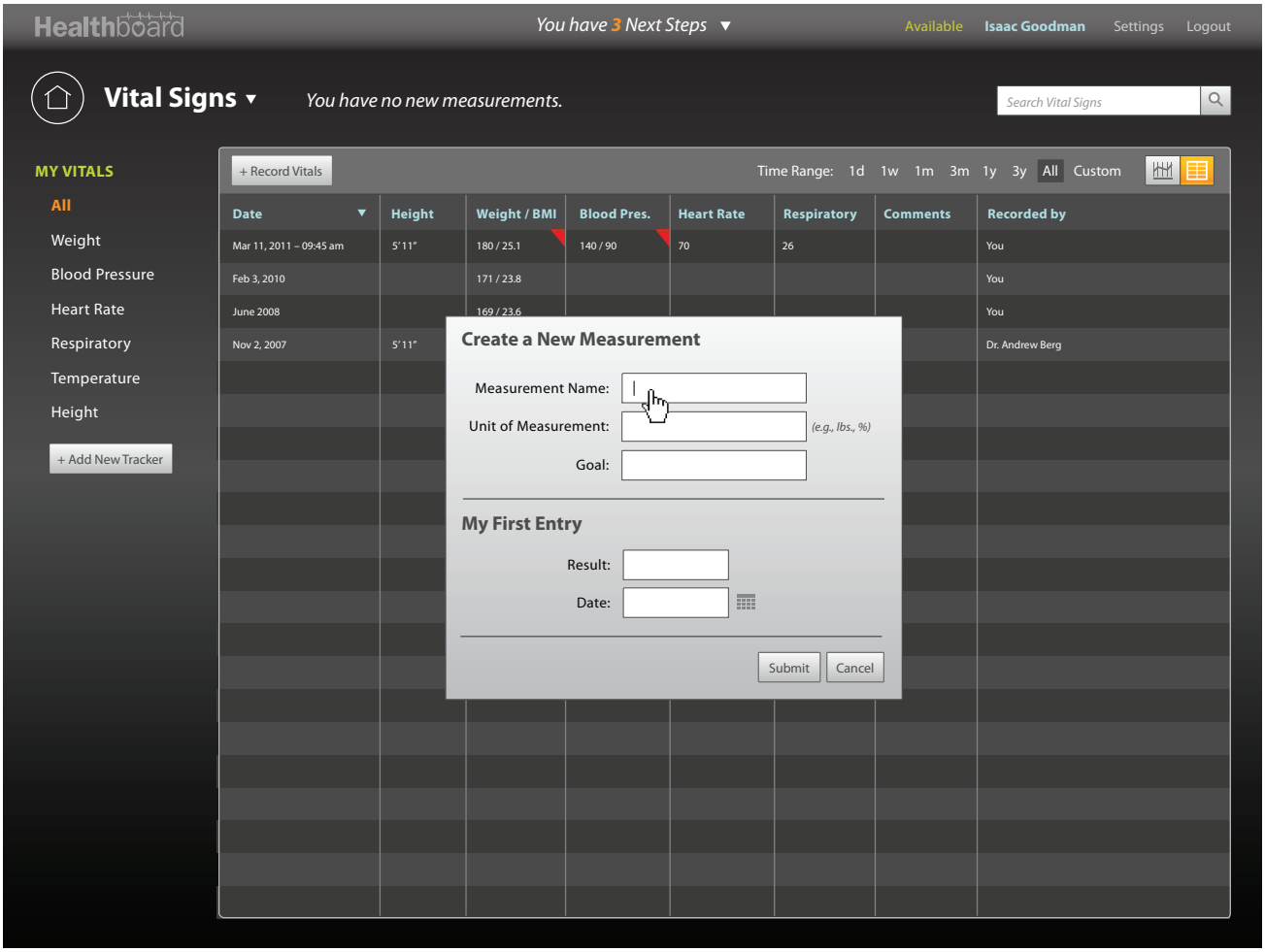
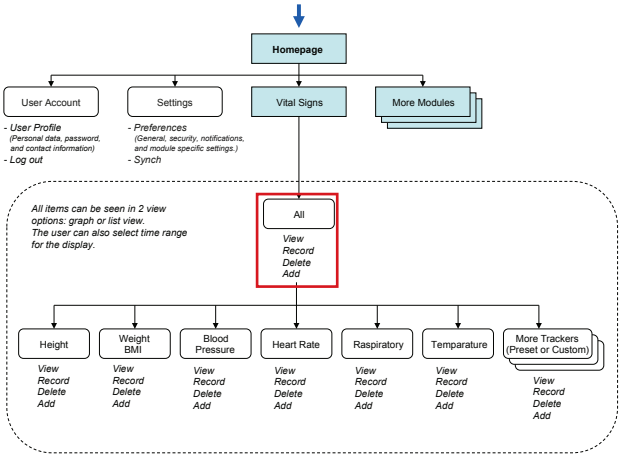
VITAL SIGNS: ADD TRACKER (CONTINUED)



The user can set name and units of the tracker. The user can also make the first entry for the tracker.



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VITAL SIGNS: ADD TRACKER (CONTINUED)

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Vital Signs | You have no new measurements. | Search Vital Signs

MY VITALS: All, Weight, Blood Pressure, Heart Rate, Respiratory, Temperature, Height, + Add New Tracker

+ Record Vitals | Time Range: 1d 1w 1m 3m 1y 3y All Custom

Date	Height	Weight / BMI	Blood Pres.	Heart Rate	Respiratory	Comments	Recorded by
Mar 11, 2011 – 09:45 am	5'11"	180 / 25.1	140 / 90	70	26		You
Feb 3, 2010		171 / 23.8					You
June 2008		169 / 23.6					You
Nov 2, 2007	5'11"						Dr. Andrew Berg

Create a New Measurement

Measurement Name: Tobacco

Unit of Measurement: cigarettes/day (e.g., lbs., %)

Goal: no more than 3 cigarettes/day

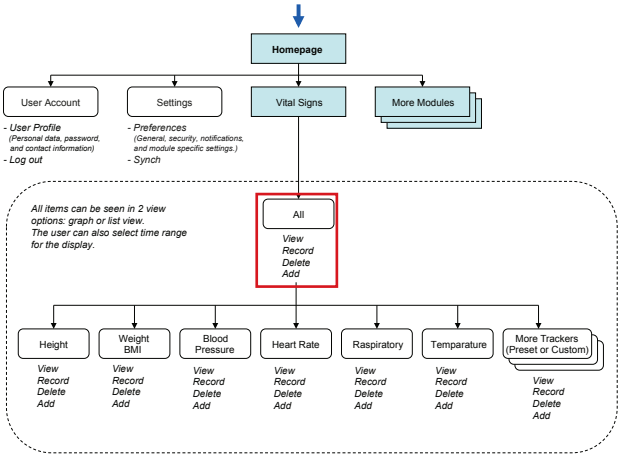
My First Entry

Result: 3 cigarettes/day

Date: 03/11/2011

Submit | Cancel

The user sets attributes (e.g., Smoking and cigarettes/day) and types in a value (e.g., 3) for this custom tracker. The user clicks "Submit."



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VITAL SIGNS: TABLE VIEW

Healthboard | You have 3 Next Steps ▼ | Available | Isaac Goodman | Settings | Logout

Vital Signs ▼ — You have no new measurements. — Search Vital Signs

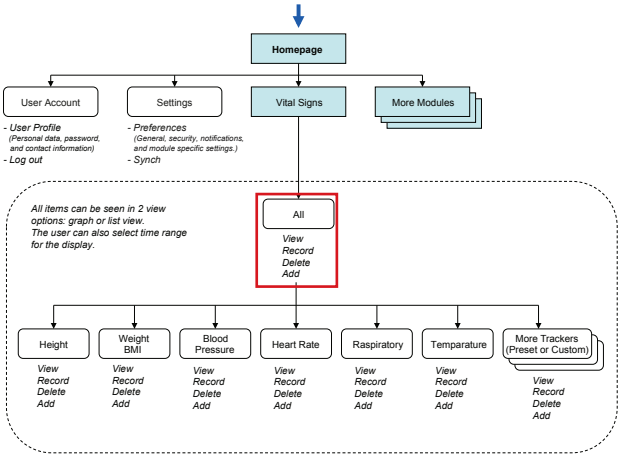
MY VITALS
- All
- Weight
- Blood Pressure
- Heart Rate
- Respiratory
- Temperature
- Height
- Tobacco

+ Add New Tracker

+ Record Vitals — Time Range: 1d 1w 1m 3m 1y 3y All Custom

Date	Height	Weight / BMI	Blood Pres.	Heart Rate	Respiratory	Tobacco	Comments	Recorded by
Mar 11, 2011 – 09:45 am	5'11"	180 / 25.1	140 / 90	70	26	3		You
Feb 3, 2010		171 / 23.8						You
June 2008		169 / 23.6						You
Nov 2, 2007	5'11"	170 / 23.7	141 / 108	60	20		Yes	Dr. Andrew Berg

The user returns to the previous screen. The table is updated with the new tracker appears on the table and MY VITALS menu.



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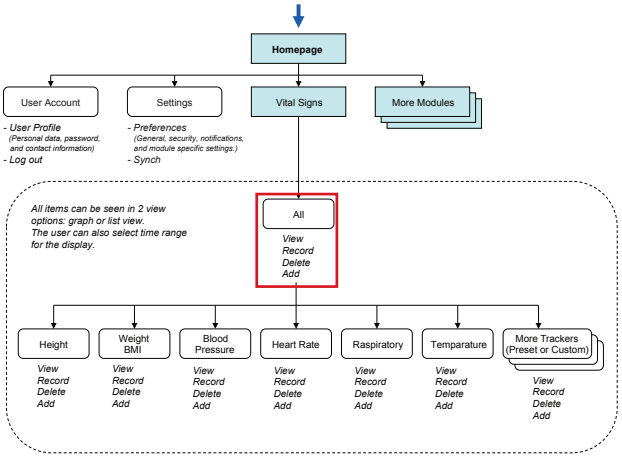
VITAL SIGNS: NEWLY ADDED CUSTOM ITEM IN GRAPH VIEW

The new tracker appears on the summary.



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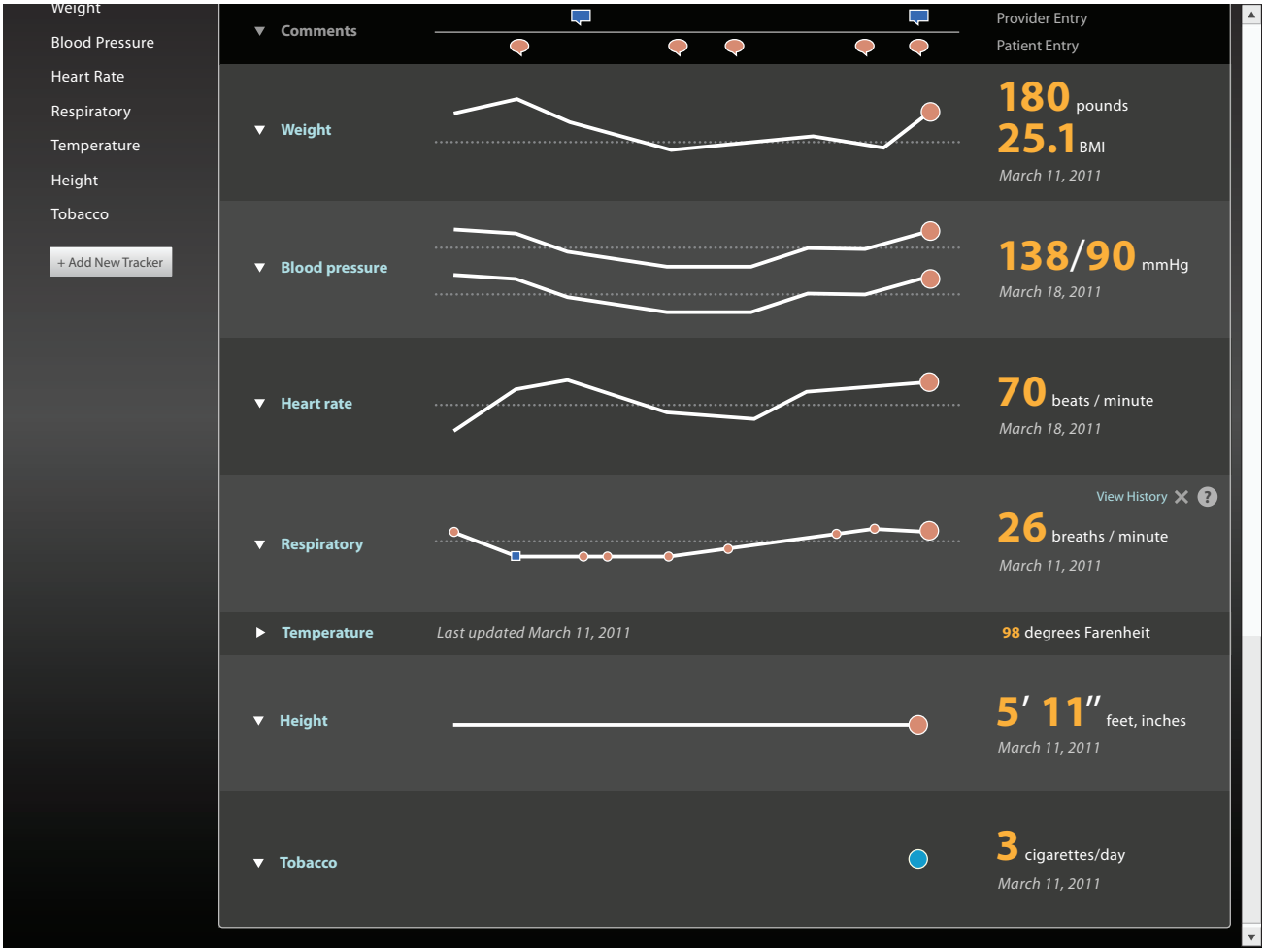
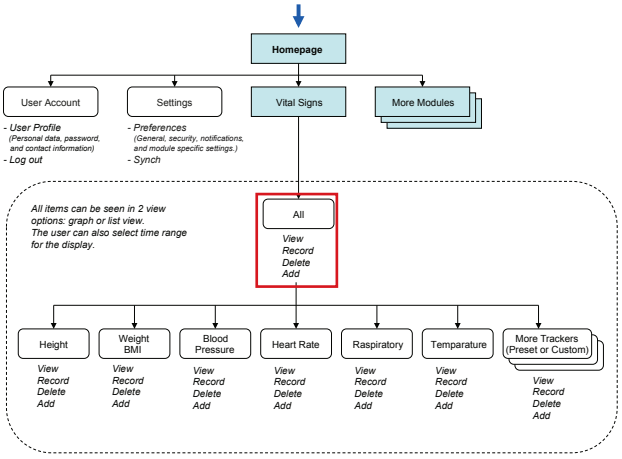
VITAL SIGNS: NEWLY ADDED CUSTOM ITEM IN GRAPH VIEW



In this screen, the Temperature tracker is collapsed. The user can click the triangle icon next to the tracker name to collapse the item. The collapsed tracker shows the last data entry with date recorded. The user can re-click the triangle icon to reopen the tracker.



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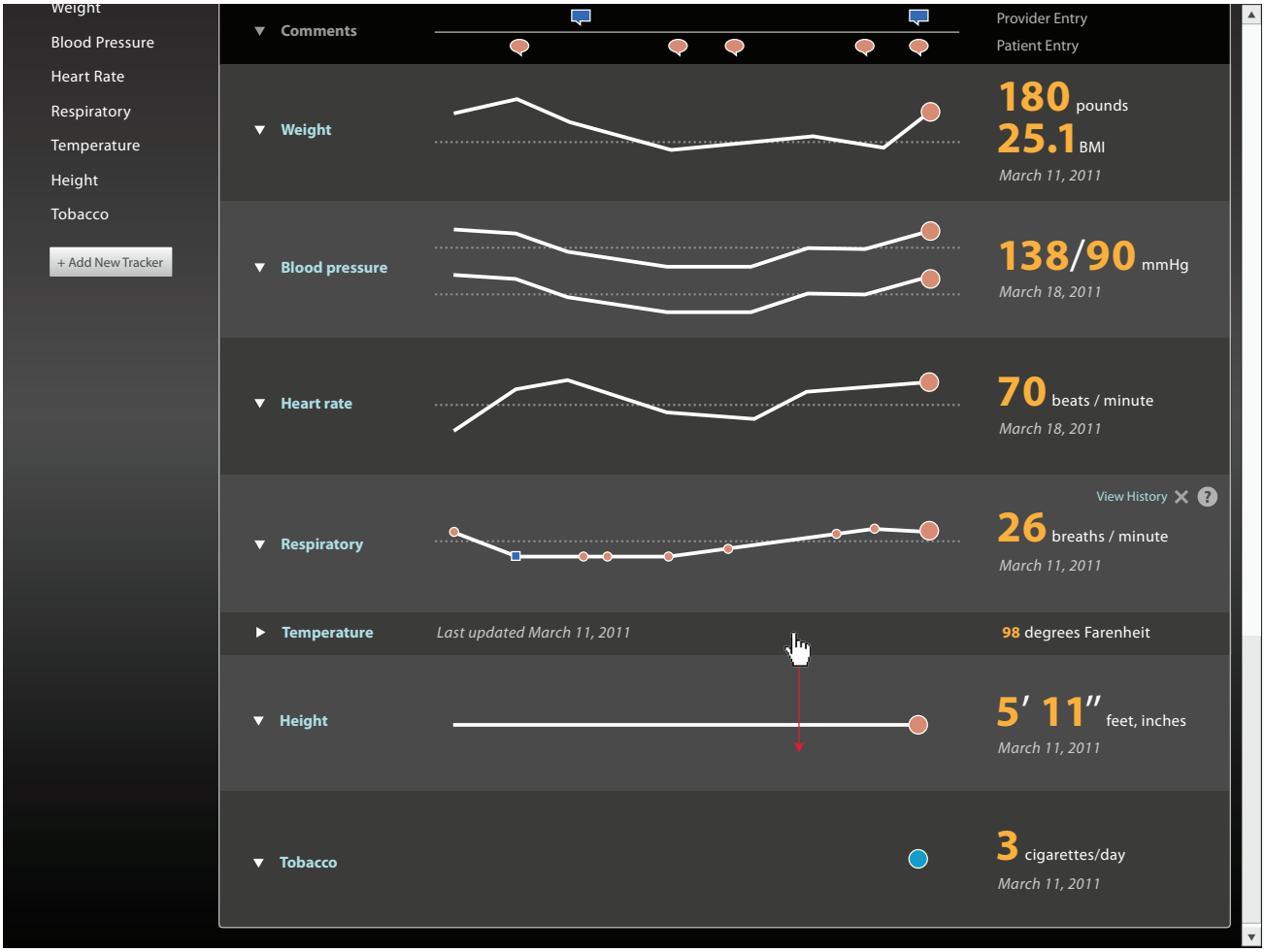
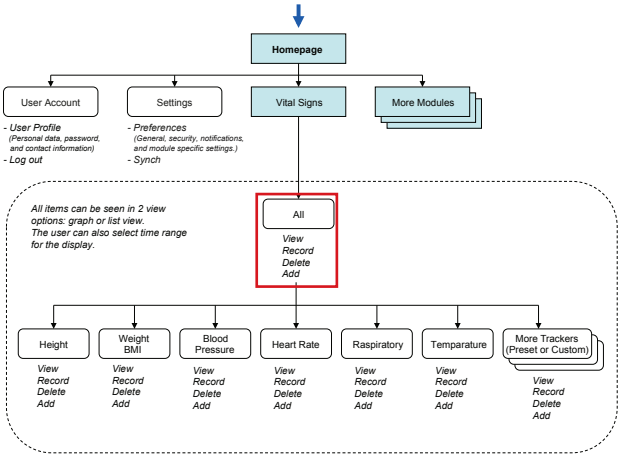
VITAL SIGNS: NEWLY ADDED CUSTOM ITEM IN GRAPH VIEW



The click and drag action allows the user to reorder any trackers.



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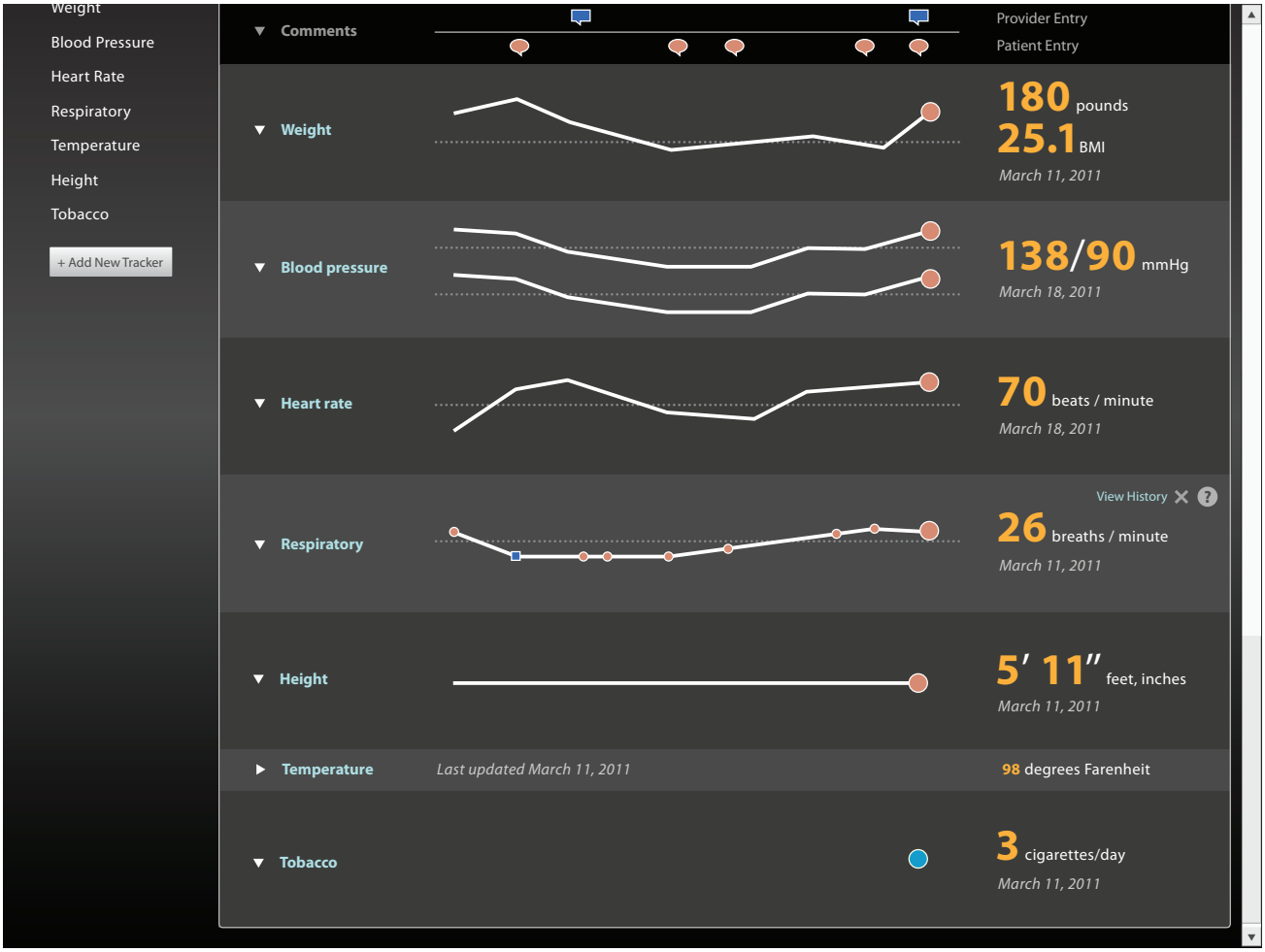
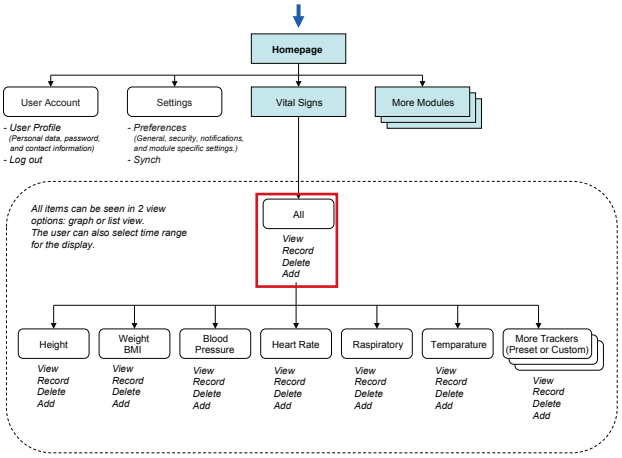
VITAL SIGNS: NEWLY ADDED CUSTOM ITEM IN GRAPH VIEW



The trackers are reordered.



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Medical Records

INTRODUCTION This section of the Detailed GUI Volume documents the design of the Patient Portal's *Medical Records* module for the Visual Dashboard for a Patient Centered Medical Home (PCMH). The documentation includes both workflow diagrams and visual models: the workflow diagrams detail the user experience and interactions within this module, and the visual models present graphic assets and elements within this module.

The following are high-level objectives for *Medical Records*:

- To allow the user to access his medical records entered by providers during his visits; records including PCP visits, specialist visits, lab results, radiology images/analyses, etc.
- To present a summary of service usage (e.g., number of PCP visits, number of specialist visits).
- To provide friendly reminders to patients for orders, recommendations, and follow-ups entered by providers.

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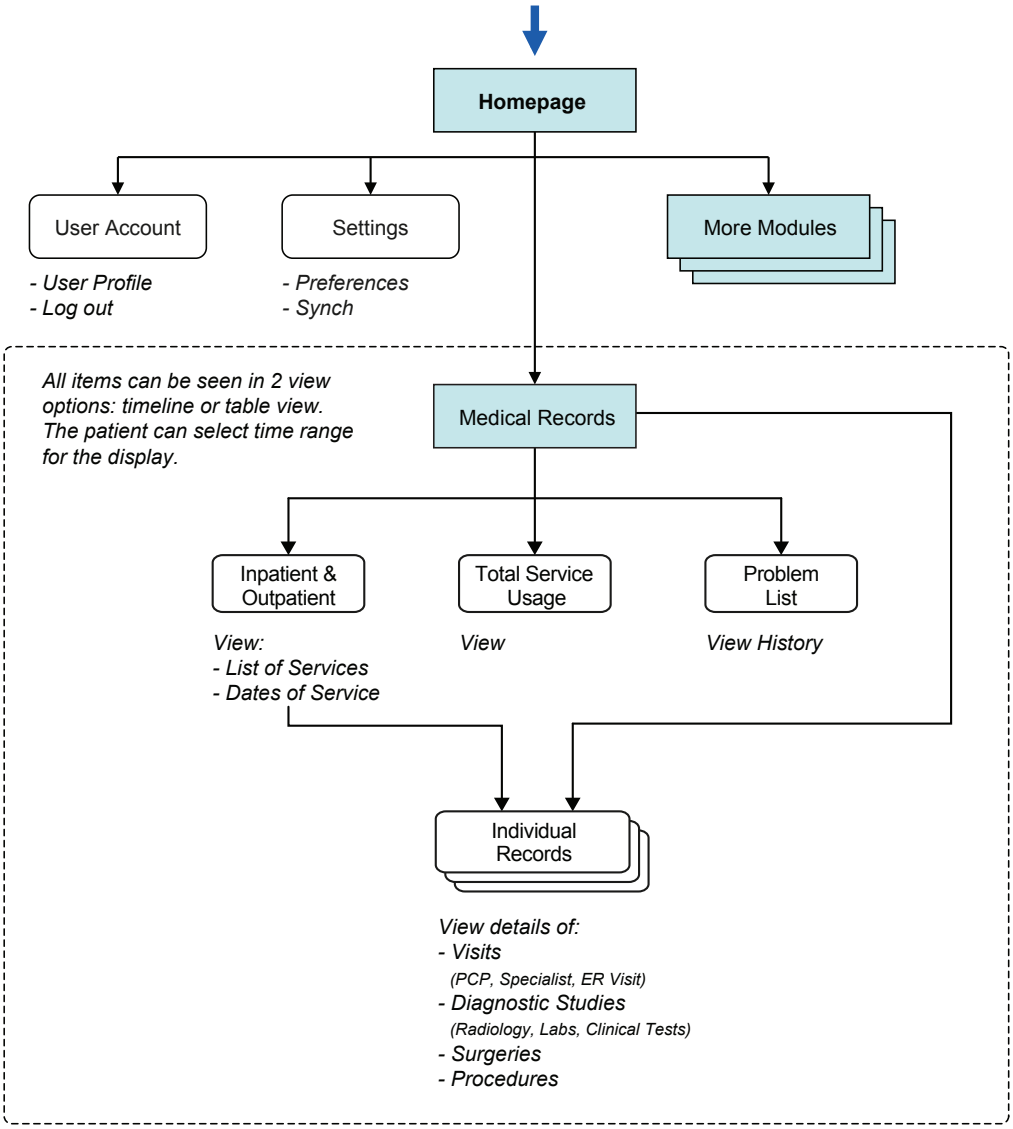
FLOWCHART FOR MEDICAL RECORDS MODULE



LEGEND

- Gateway to the site
- Relationships between pages and/or components
- Page
- Page components
- Groups of related pages

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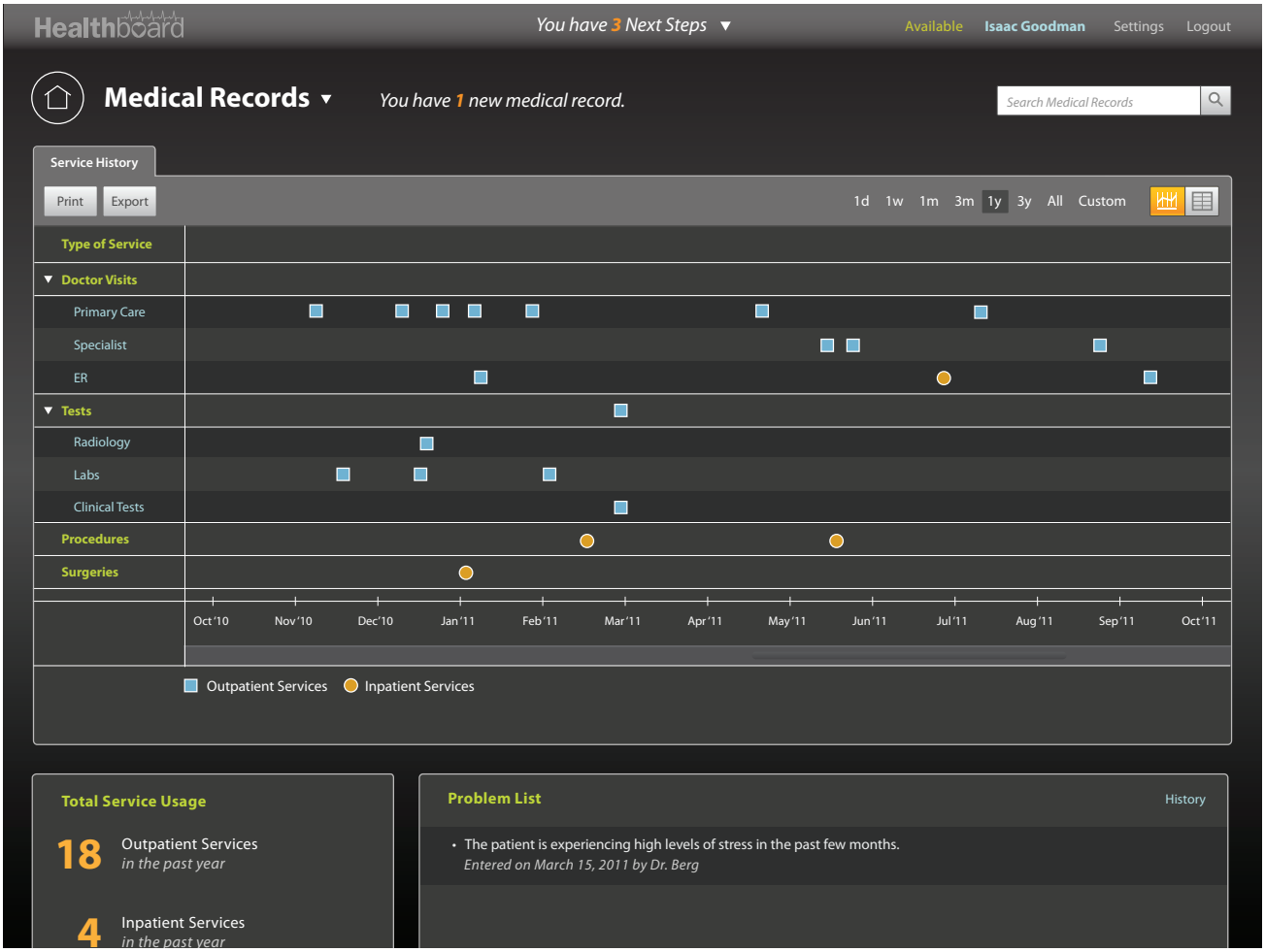
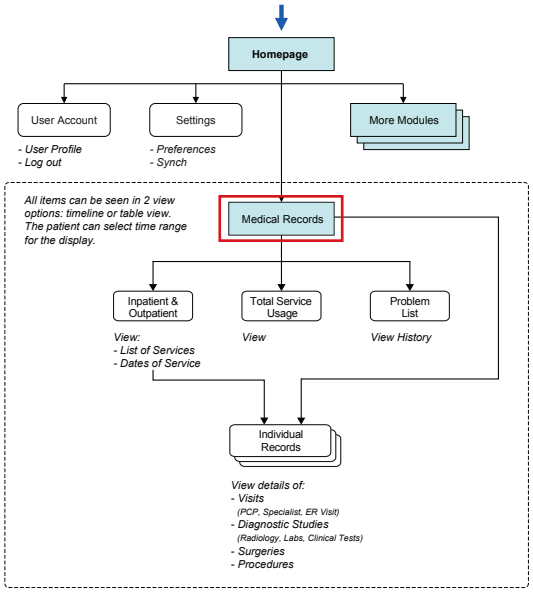
MEDICAL RECORDS: TIMELINE VIEW



This is the landing screen for the *Medical Records* module. There are two different kinds of content displays: graph and table. The user can choose the desired display option by selecting either of the two icons located at the menu bar above the timeline (right side); the default display mode is graph. The screen consists of a timeline and its controls, *Total Service Usage* indicating how many visit and services the user has had, and *Problem List* displaying the doctor's comment on the problem that the patient had.

The timeline includes two categories of medical services: Inpatient and Outpatient. There are four sub-categories per service type: *Doctor visits* (e.g., PCP, Specialist, and ER), *Tests* (e.g., radiology, labs, clinical tests), *Procedures*, and *Surgeries*.



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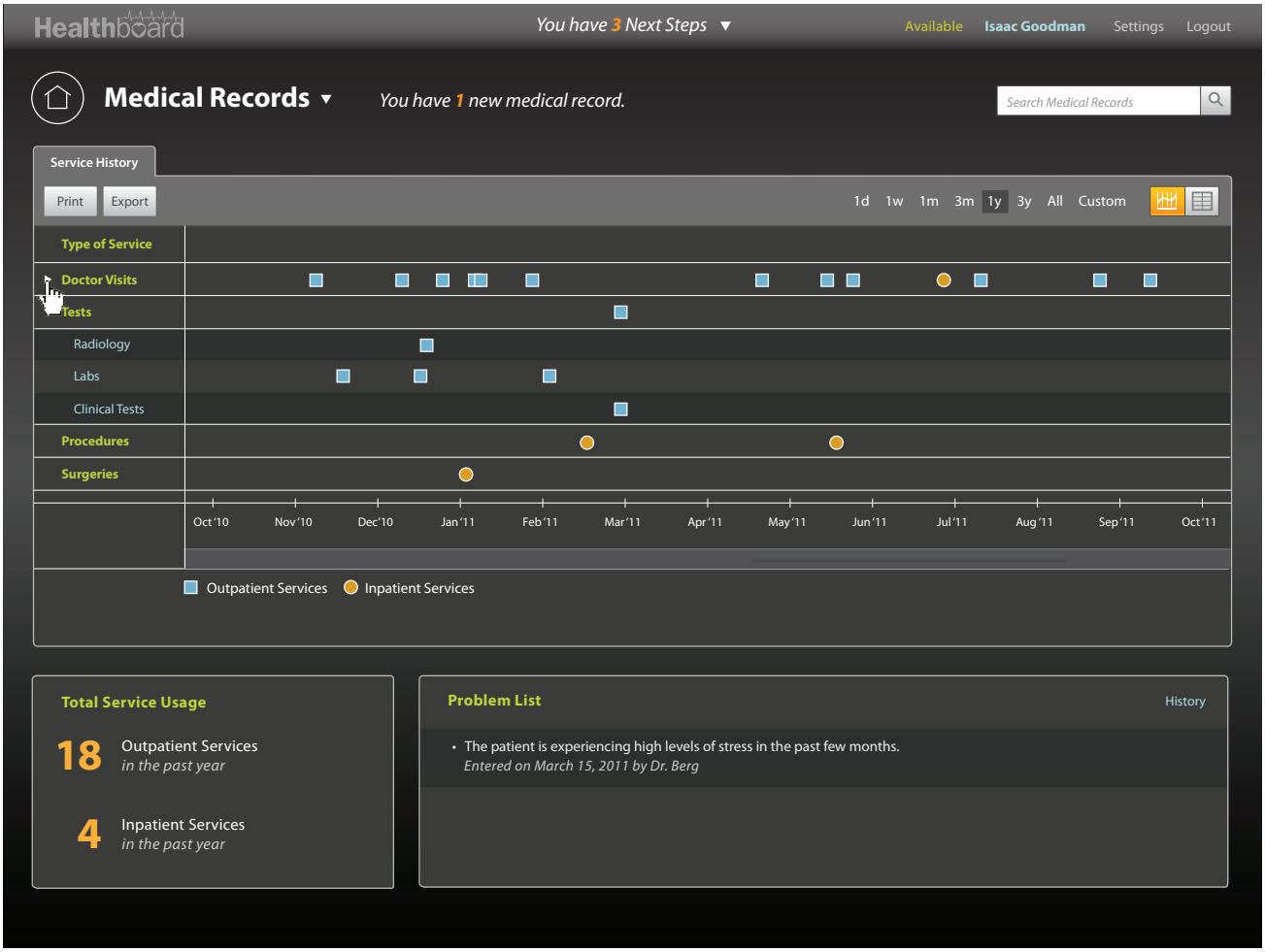
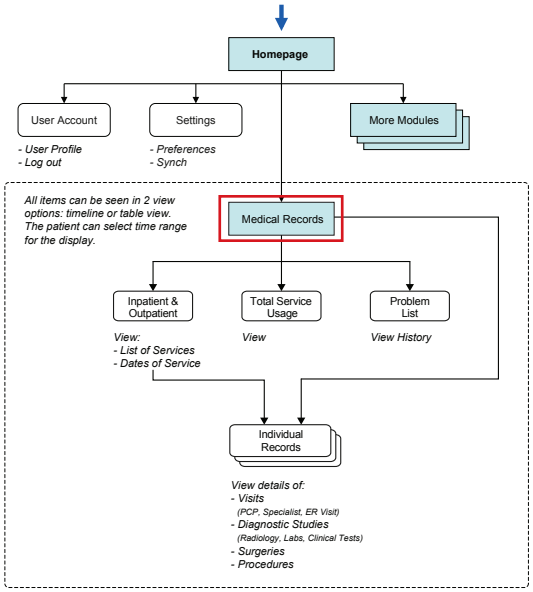
MEDICAL RECORDS: TIMELINE VIEW (LINE COLLAPSE)



The user can collapse and expand each service group at the left column of the timeline.



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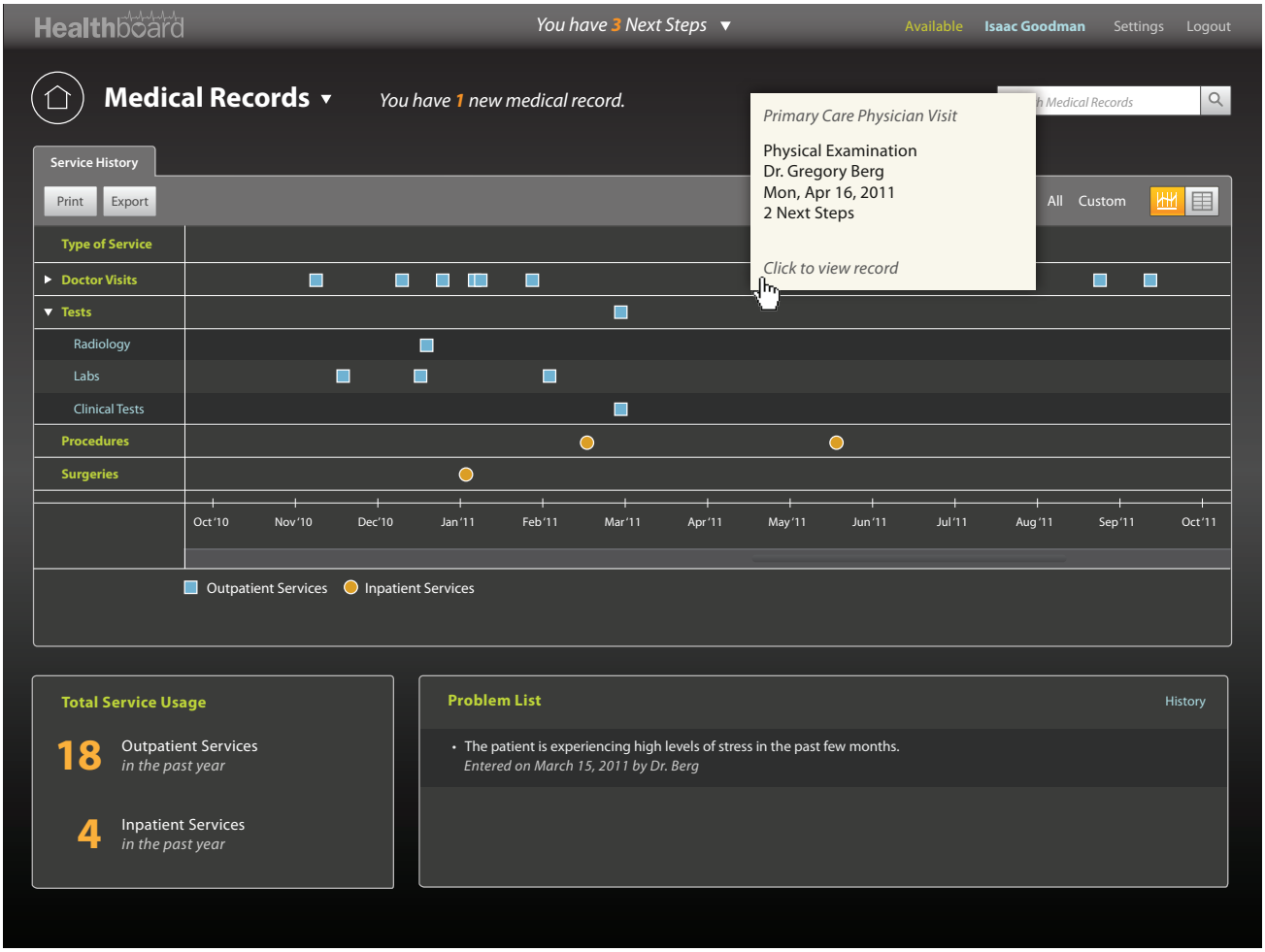
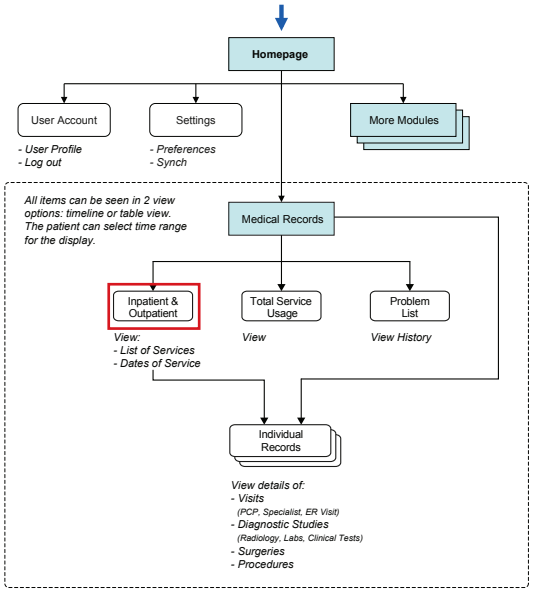
MEDICAL RECORDS: TIMELINE VIEW (HOVER)



There is a tooltip with detail available for each node on the timeline as the user hovers.



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MEDICAL RECORDS: SERVICE RECORD

Healthboard

You have 3 Next Steps ▼ Available Isaac Goodman Settings Logout

Medical Records ▼ You have 1 new medical record.

Search Medical Records

Service History | Apr 16, 2011 – Physical Examination

Print Export

Visit Details

Provider Dr. Gregory Berg, Team 1

Date Mon, April 16, 2011
Time 0830 – 1130 hrs

Type Primary Care Physician Visit
Reason for Visit Physical Examination
Classification Outpatient

Phone (999) 999-9999
Addresss The New York Clinic
99 Main St.
New York, NY 11111

Next Steps

- Start the Physical Rehabilitation regimen we spoke about. Our Gentle Chair Yoga class would be beneficial if you find the time.
  Recommendation: Gentle Chair Yoga Class
- Continue to check blood sugar twice daily.
  Recommendation: Set a Reminder

Visit Summary

History of Present Illness

The patient is a 47 y.o. male.

He reported: No fever and no chills.
No earache, No nasal discharge and no sore throat.
No cough and not coughing up sputum.
No myalgias.

Past Medical History

Ut enim ad minim veniam, quis nostrud exercitation ullam.
laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit.
Voluptate velit esse cillum dolore eu fugiat nulla pariatur.
Quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat.
Duis aut irure dolor in reprehenvoluptate velit esse cillum dolore eu fugiat.

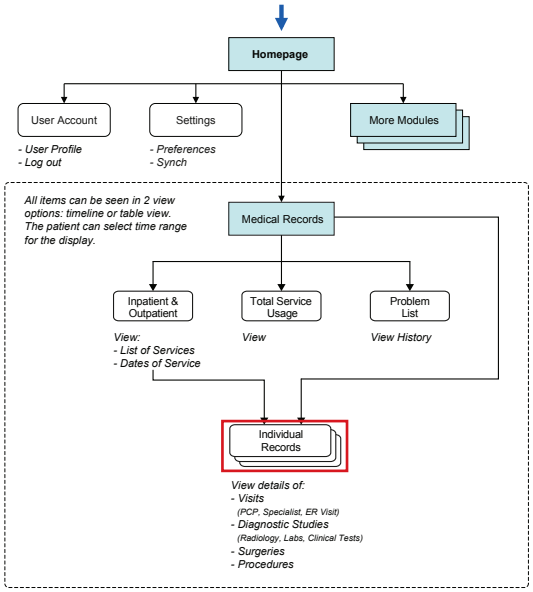
Review of Systems

Quis nostrud exercitation ullamco laboris nisi ut aliquip ex.
Duis aut irure dolor in reprehenvoluptate velit esse cillum dolore eu fugiat.
Ut enim ad minim veniam, quis nostrud exercitation ullam.
laboris nisi ut aliquip ex ea comoconsequat.
Voluptate velit esse cillum dolore eu fugiat.

Physical Examination

Ut enim ad minim veniam, quis nostrud exercitation ullam.
laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit.
Voluptate velit esse cillum dolore eu fugiat nulla pariatur.

The user accesses service details by clicking on the node. This detail view of the selected service presents *Visit Details, Visit Summary,* and *Next Steps.*



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MEDICAL RECORDS: LAB RECORD

Healthboard | You have 3 Next Steps ▼ | Available | Isaac Goodman | Settings | Logout

Medical Records ▼ *You have 1 new medical record.* Search Medical Records

Service History | Apr 16, 2011 – Chem. 17

Print | Export

Lab Details

Ordered by Dr. Gregory Berg, Team 1

Collection Date Mon, April 16, 2011
Order Date Tues, April 17, 2011

Type Lab
Lab Name Chem. 17

Phone (999) 999-9999
Addresss The New York Clinic
99 Main St.
New York, NY 11111

Next Steps

Chem. 17 Results

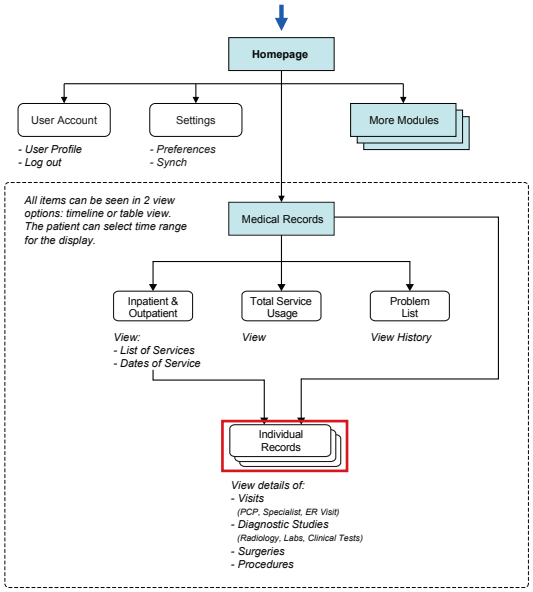
Result Name	Site/Specimen	Result	Units	Comments
Albumin	Serum	4.4	g/dl	
Alk Phos	Serum	88	IU/l	
Anion Gap	Serum	19		
AST	Serum	28	IU/l	
Bilirubin	Serum	1.1	MG/DL	
Calcium	Serum	10.1	MG/DL	
Chloride	Serum	98	mmol/l	
CO2	Serum	28	mmol/l	
Creatinine, Serum/plasma	Serum	1.1	MG/DL	
GGT	Serum	80	IU/l	
Glucose	Serum	210	MG/DL	Your glucose level has increased since... »
LCH	Serum	600	IU/l	
Phosphate	Serum	4.6	MG/DL	
Potassium	Serum	4.7	mmol/l	

Comments

Dr. Gregory Berg Today at 3:45 PM

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum

If service type is not a visit, the system automatically displays information as an appropriate format. For services like lab service, it displays relevant content for lab visits such as service details, results, comments, etc.



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MEDICAL RECORDS: PROCEDURE RECORD

Healthboard

You have 3 Next Steps ▼ | Available | Isaac Goodman | Settings | Logout

Medical Records ▼ *You have 1 new medical record.*

Search Medical Records

Service History | May 6, 2011 – Diagnostic Studies ✕

Print | Export

Diagnostic Studies Details

Ordered by Dr. Gregory Berg, Team 1
Interpreted by Dr. Sam Huntsman, Team 1

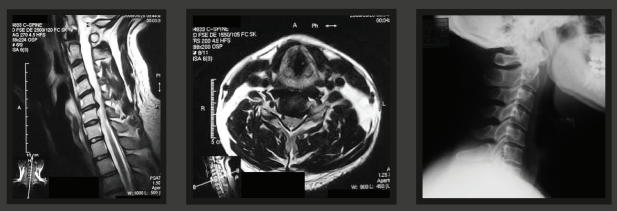
Date Fri, May 6, 2011
Time 0830 – 1130 hrs

Type Radiology
Classification Outpatient
Reason for Visit Magnetic Resonance Imaging (MRI)

Phone (999) 999-9999
Addresss The New York Clinic
99 Main St.
New York, NY 11111

Next Steps

Attached Images



Radiology Report

PREPROCEDURE DIAGNOSIS: Physical examination of leg and back.

POSTPROCEDURE DIAGNOSES:
(1) L5 nerve impingement from a herniated disc is observed.
(2) This is causing weakness in the ankle.
(3) This is also causing the pain may also radiate into the buttock.

PROCEDURE PERFORMED: Magnetic Resonance Imaging (MRI).

ENDOSCOPIST: Michael Jones, M.D.

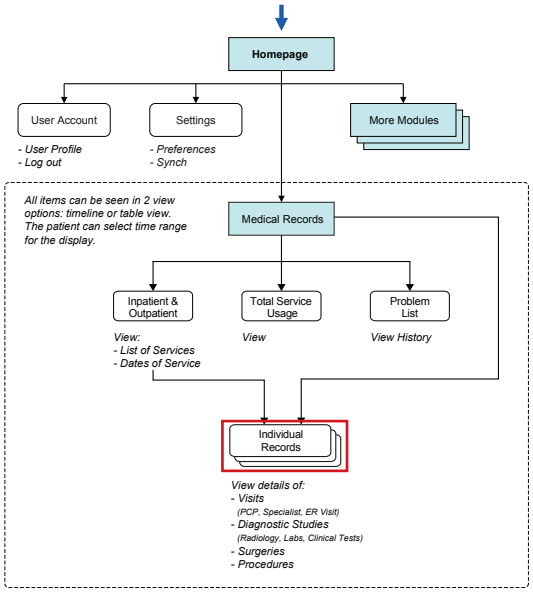
ASSISTANT: Jane Doe, L.P.N.

REFERRING PHYSICIAN: George Washington, M.D.

ANESTHESIA: Demerol 25 mg IV push, Versed 2 mg IV push.

INSTRUMENT USED: PCF-AL160.

For services like radiology, it displays relevant content for radiology visits such as procedure details, images, reports, etc.



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MEDICAL RECORDS: SEARCH

Healthboard

You have 3 Next Steps ▼ | Available | Isaac Goodman | Settings | Logout

Medical Records ▼ *You have 1 new medical record.*

Berg

Service History

Print | Export | 1d 1w 1m 3m 1y 3y All Custom

Date of Service ▼	Type of Service	Reason for Visit	Provider	Classification	Next Steps
Nov 20, 2011, 1000 hrs	PCP Visit	Physican Examination	Dr. Berg	Outpatient	Lorem ipsum dolor sit amet, …
Nov 17, 2011, 0700 hrs	Radiology Service	MRI	Dr. Berg	Outpatient	
Nov 16, 2011, 0830 hrs	Surgery	Appendectomy	Dr. Berg	Inpatient	
Oct 22, 2011, 0945 hrs	Procedure	Colonscopy	Dr. Berg	Outpatient	Lorem ipsum dolor sit amet, …
Oct 12, 2011, 1000 hrs	PCP Visit	Physican Examination	Dr. Berg	Outpatient	Lorem ipsum dolor sit amet, …
Aug 17, 2011, 0700 hrs	Radiology Service	MRI	Dr. Berg	Outpatient	
Dec 16, 2010, 0830 hrs	Surgery	Appendectomy	Dr. Berg	Inpatient	Lorem ipsum dolor sit amet, …
Dec 15, 2010, 0945 hrs	Procedure	Colonscopy	Dr. Berg	Outpatient	
Nov 16, 2010, 0830 hrs	Surgery	Appendectomy	Dr. Berg	Inpatient	
Oct 22, 2010, 0945 hrs	Procedure	Colonscopy	Dr. Berg	Outpatient	

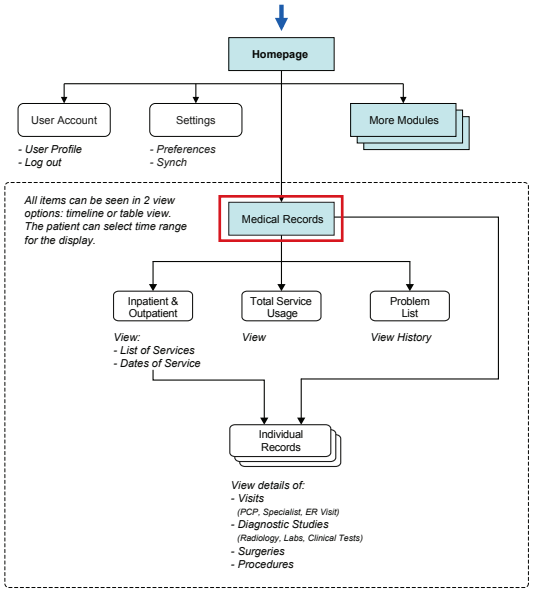
Total Service Usage

18 Outpatient Services *in the past year*

Problem List History

- The patient is experiencing high levels of stress in the past few months.
  Entered on March 15, 2011 by Dr. Berg

The user can conduct search within the *Medical Records* module. Here, the user wishes to see the list of encounters with Dr. Berg and types "Berg" in the search bar. The "Service History" tab updates to show the list of encounters with Dr. Berg.



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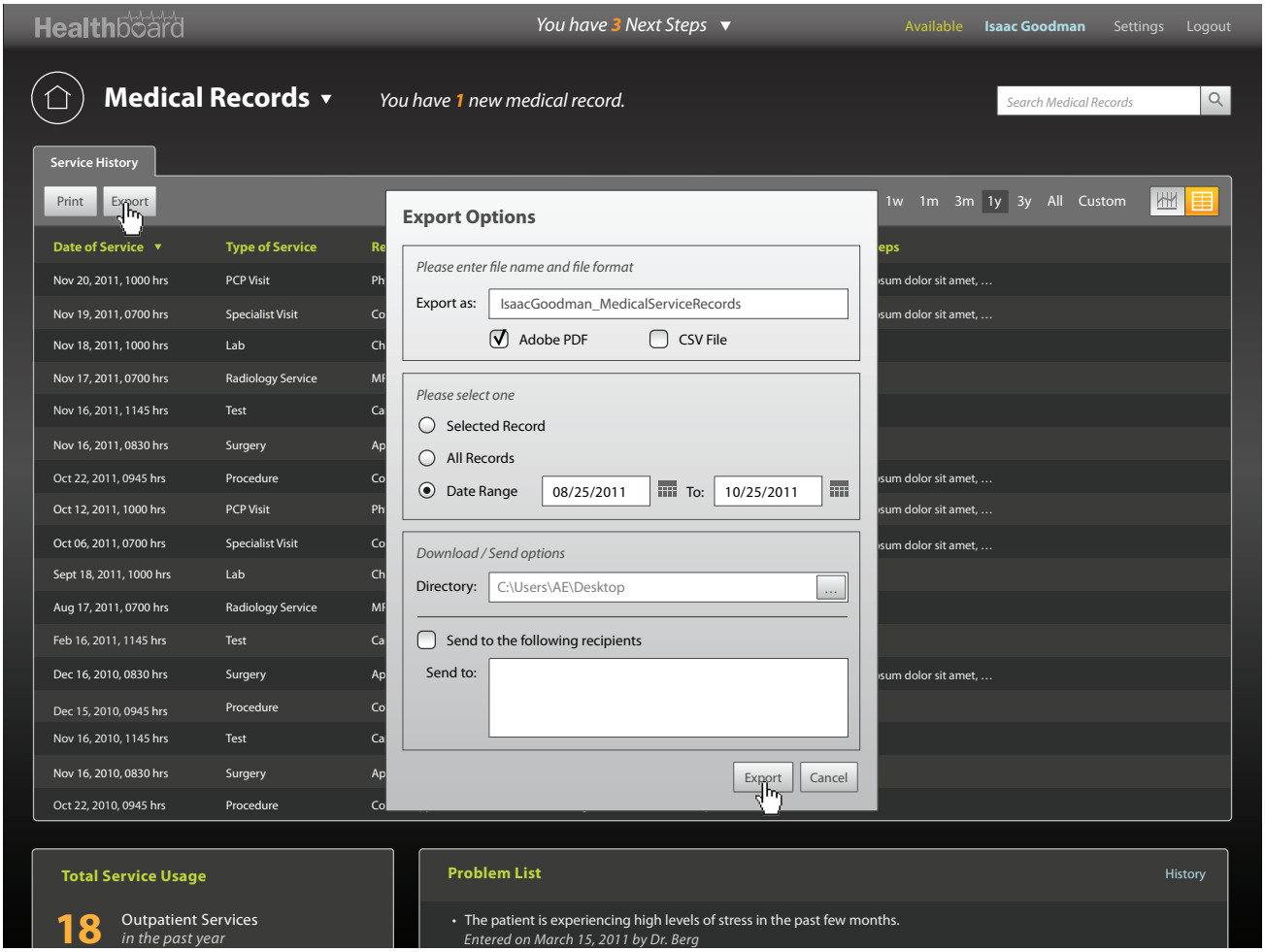
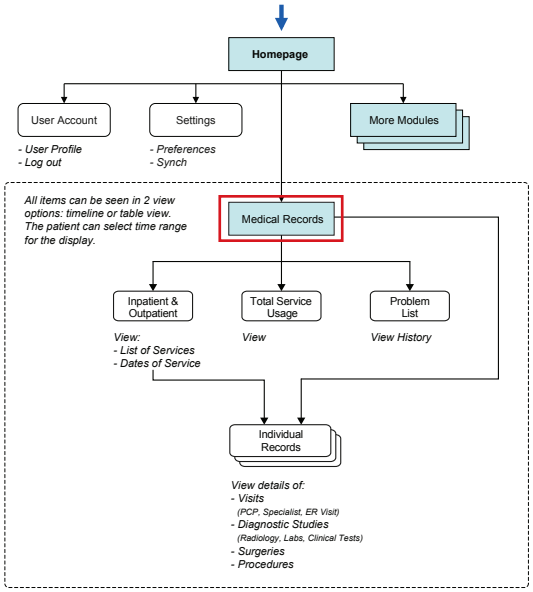
MEDICAL RECORDS: EXPORT MEDICAL SERVICE HISTORY



The user has an option to export his medical records by clicking the "Export" button in the top menu bar. A popup window will appear where the user can select for various options, including the file type.

The user clicks "Export" to finish.



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MEDICAL RECORDS: EXPORT MEDICAL SERVICE HISTORY

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Medical Records | You have 1 new medical record. | Search Medical Records

Service History

Print | Export | 1d 1w 1m 3m 1y 3y All Custom

Date of Service	Type of Service	Reason for Visit	Provider	Classification	Next Steps
Nov 20, 2011, 1000 hrs	PCP Visit	Physican Examination	Dr. Berg	Outpatient	Lorem ipsum dolor sit amet, …
Nov 19, 2011, 0700 hrs	Specialist Visit	Consultation	Dr. Hammond	Outpatient	Lorem ipsum dolor sit amet, …
Nov 18, 2011, 1000 hrs	Lab	Chem. 7	Dr. Rothstein		
Nov 17, 2011, 0700 hrs	Radiology Service	MRI	Dr. Berg	Outpatient	
Nov 16, 2011, 1145 hrs	Test	Cardiac Str			
Nov 16, 2011, 0830 hrs	Surgery	Appendec			
Oct 22, 2011, 0945 hrs	Procedure	Colonscop			Lorem ipsum dolor sit amet, …
Oct 12, 2011, 1000 hrs	PCP Visit	Physican E			Lorem ipsum dolor sit amet, …
Oct 06, 2011, 0700 hrs	Specialist Visit	Consultati			Lorem ipsum dolor sit amet, …
Sept 18, 2011, 1000 hrs	Lab	Chem. 7	Dr. Rothstein		
Aug 17, 2011, 0700 hrs	Radiology Service	MRI	Dr. Berg	Outpatient	
Feb 16, 2011, 1145 hrs	Test	Cardiac Stress Test	Dr. Hammond	Outpatient	
Dec 16, 2010, 0830 hrs	Surgery	Appendectomy	Dr. Berg	Inpatient	Lorem ipsum dolor sit amet, …
Dec 15, 2010, 0945 hrs	Procedure	Colonscopy	Dr. Berg	Outpatient	
Nov 16, 2010, 1145 hrs	Test	Cardiac Stress Test	Dr. Hammond	Outpatient	
Nov 16, 2010, 0830 hrs	Surgery	Appendectomy	Dr. Berg	Inpatient	
Oct 22, 2010, 0945 hrs	Procedure	Colonscopy	Dr. Berg	Outpatient	

Export Confirmation

Is this information correct for exporting your file?

File Name: IsaacGoodman_MedicalServiceRecords
Format: Adobe Acrobat 7.0 Document, 325KB

Confirm | Cancel

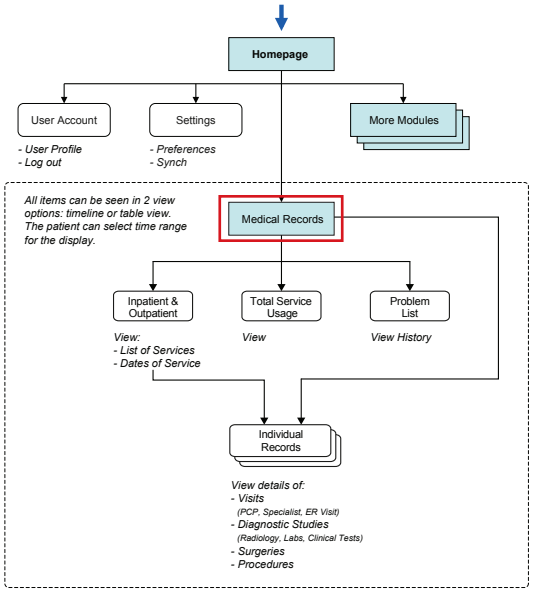
Total Service Usage

18 Outpatient Services
in the past year

Problem List | History

- The patient is experiencing high levels of stress in the past few months.
  Entered on March 15, 2011 by Dr. Berg

Once the user clicks "Export," he will be prompted with a confirmation window for the file information to be reviewed before finalizing the action. The user clicks the "Confirm" button.



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MEDICAL RECORDS: EXPORT MEDICAL SERVICE HISTORY

Healthboard

Medical Records

Patient Name: Isaac Goodman
Today's Date: May 25, 2011

Allergies & adverse drug reactions:

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

SERVICE HISTORY FROM 2010 - 2011

1. DR. GREGORY BERG

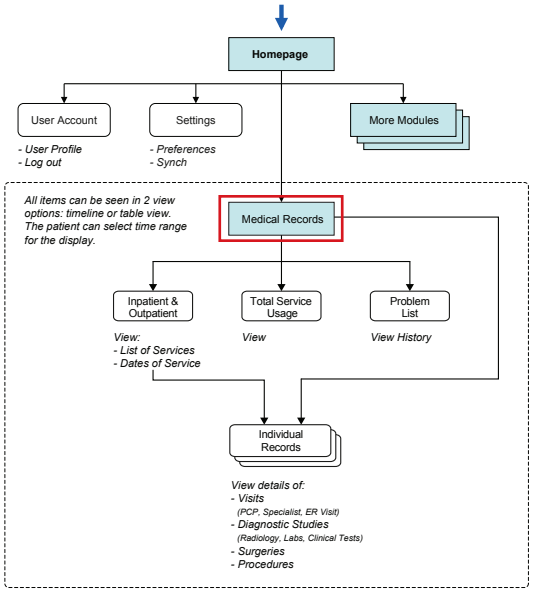
12/12/11 Pt. C/o neck back R hand pain and ha's, Pt. s/p rear-end mva hx of htn, prior mva w/injuries resolved, Pt. 5'9" and 277 lb., Rx: Anaprox, PT, and PT. Disabled from work,

12/19/11 F/u Pt. notes slight improvement, but notes moderate neck and back pain, decrease PT to 3x per week, Pt. remains disabled from work, f/u 2 weeks

01/02/11 F/u, Pt. Feels better, but notes mild to moderate neck and low back pain and intermit tent ha's, continue PT, remain off work x 2 weeks

01/16/11 F/u Pt. Continues to note mild neck, denies radicular sx, Pt. will do hep and discontinue

The user's medical service history is exported.



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Medications

INTRODUCTION This section of the Detailed GUI Volume documents the design of the Patient Portal's *Medications* module for the Visual Dashboard for a Patient Centered Medical Home (PCMH). The documentation includes both workflow diagrams and visual models: the workflow diagrams detail the user experience and interactions within this module, and the visual models present graphic assets and elements within this module.

The following are high-level objectives for *Medications*:

- To allow the user to track and enter (if applicable) medications which he is taking and has taken consisting of prescription drugs, over-the-counter, supplements, and herbal medicines. The use can also access the detailed information of each medication.

- To provide an environment where the user can view the number of available refills, request renewals, and select the pick-up locations.

- To warn the user when there occur problems/issues in regard to allergies, overdose, counteraction, and more. The system reports such problems/issues to providers automatically.

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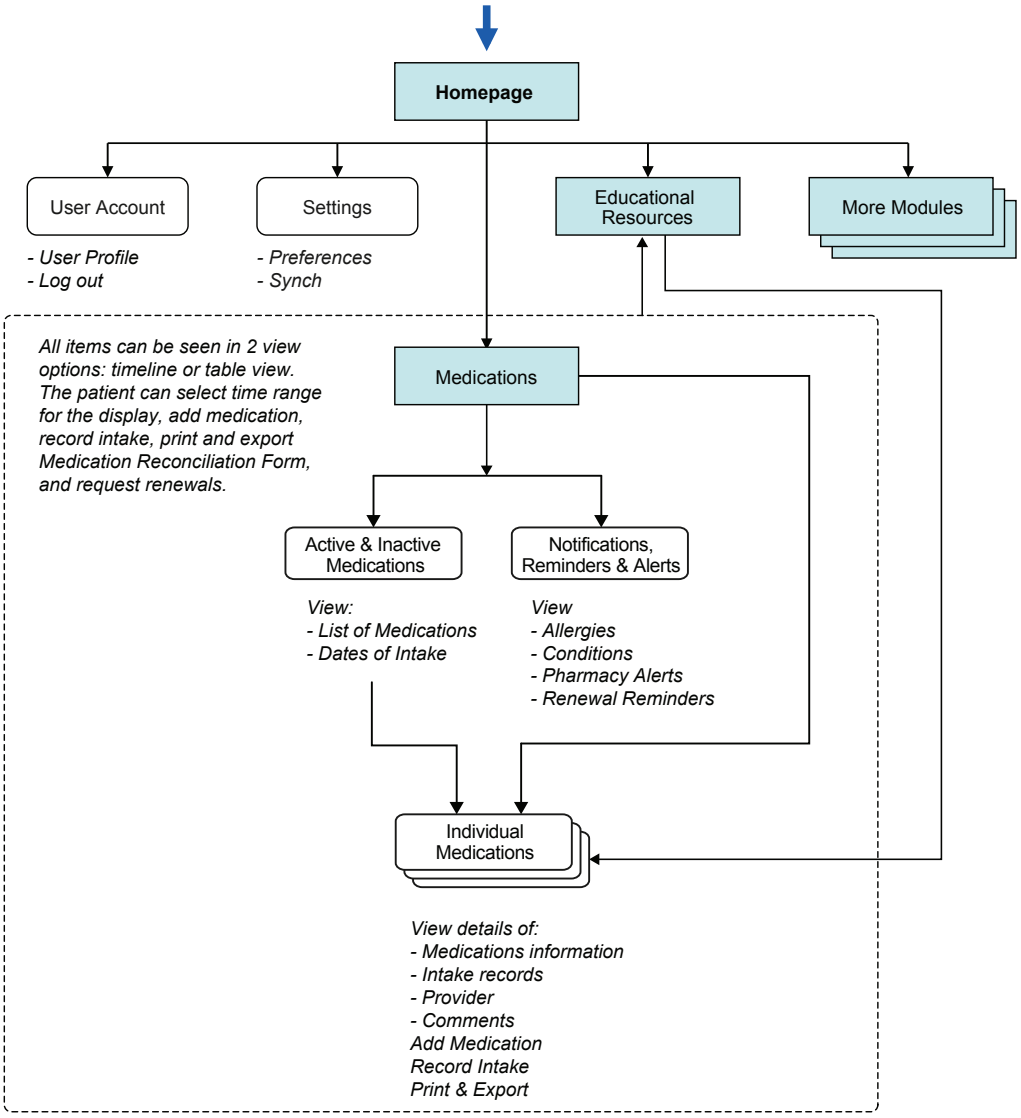
FLOWCHART FOR MEDICATIONS MODULE



LEGEND

- Gateway to the site
- Relationships between pages and/or components
- Page
- Page components
- Groups of related pages

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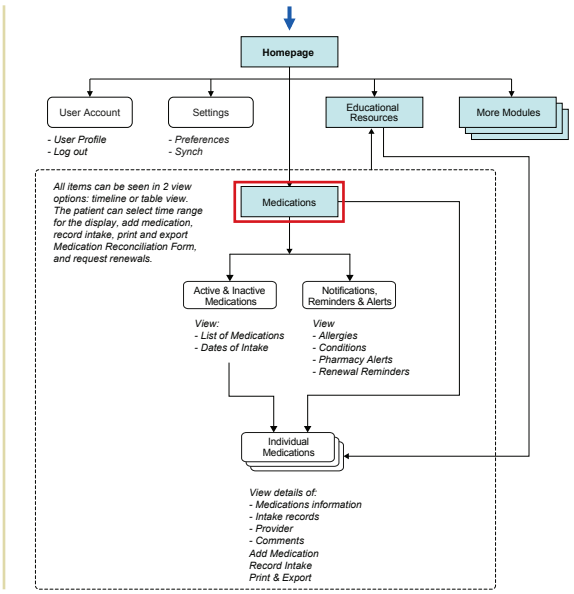
MEDICATIONS: TIMELINE VIEW

The user can access *Medications* from *Homepage*. The landing screen shows the summary of the user's most up-to-date active medications. Also, the user can record a medication intake in this screen.

When the user first comes to this screen, he sees the "Tips for Keeping Track of Your Medications" window. This informs the user things to remember for keeping a good medication record. As the user gets familiar with the tool, he can click "Don't show me this again" button to hide the window.

The user clicks "Close" button to close this message.



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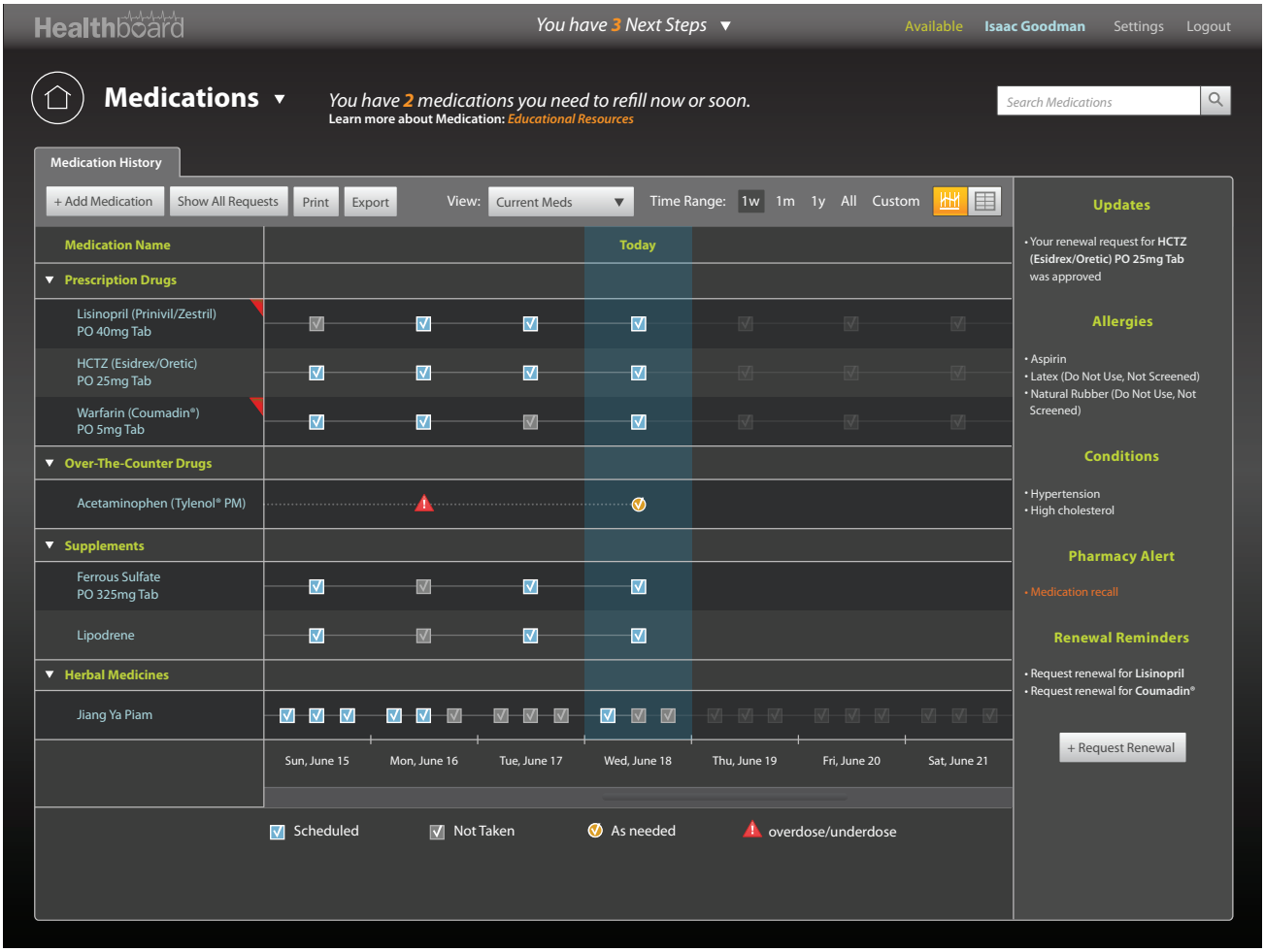
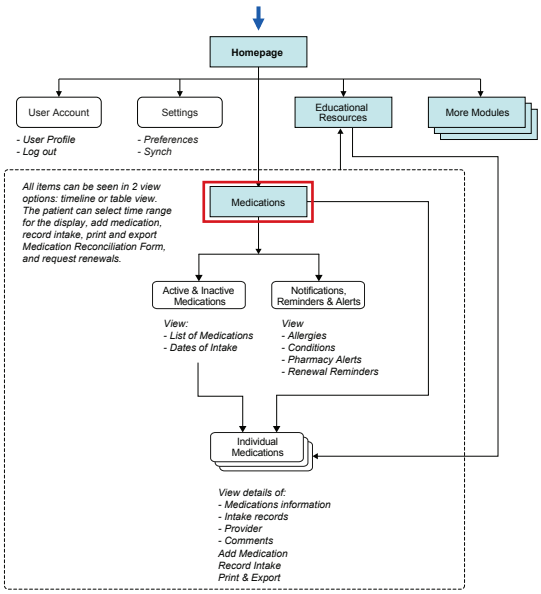
MEDICATIONS: TIMELINE VIEW



There are two different kinds of content displays: graph/timeline and table. The user can choose the desired display kind via the two icons at the menu bar above the timeline (right side). The default display mode is *Graph*. The screen consists of timeline with its controls, and detail column at the right side. The timeline includes four groups of medications: *Prescription, Over-The-Counter, Supplements,* and *Herbal.*

Another conceptual remark is that the list of medications, including the ones taken currently and previously, can serve as Medical Reconciliation Form. The intent is to save patient's time and effort to fill out the form at medical sites by facilitating the printable list of these drugs with all relevant information such as names of medications, dosages, intake durations, etc.



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MEDICATIONS: TIMELINE VIEW

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Medications

You have 2 medications you need to refill now or soon.
Learn more about Medication: Educational Resources

Search Medications

Medication History

+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Medication Name | Today

Prescription Drugs

Over-The-Counter Drugs

Acetaminophen (Tylenol® PM)

Supplements

Ferrous Sulfate PO 325mg Tab

Lipodrene

Herbal Medicines

Jiang Ya Piam

Sun, June 15 | Mon, June 16 | Tue, June 17 | Wed, June 18 | Thu, June 19 | Fri, June 20 | Sat, June 21

Scheduled | Not Taken | As needed | overdose/underdose

Updates

- Your renewal request for **HCTZ (Esidrex/Oretic) PO 25mg Tab** was approved

Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions

- Hypertension
- High cholesterol

Pharmacy Alert

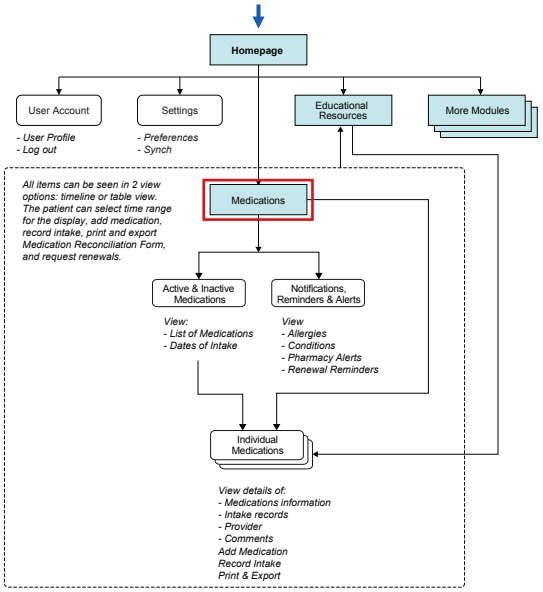
- Medication recall

Renewal Reminders

- Request renewal for **Lisinopril**
- Request renewal for **Coumadin®**

+ Request Renewal

The user can expand and minimize the timeline.



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MEDICATIONS: TIMELINE VIEW (TOOLTIP)

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Medications

You have 2 medications you need to refill now or soon.
Learn more about Medication: Educational Resources

Search Medications

Medication History

+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Medication Name | Today

Prescription Drugs
- Lisinopril (Prinivil/Zestril) PO 5mg Tab
- HCTZ PO 25
- Warfarin (Coumadin®) PO 5mg Tab

Lisinopril is used to treat high blood pressure (hypertension), congestive heart failure and to improve survival after a heart attack.

Over-The-Counter Drugs
- Acetaminophen (Tylenol® PM)

Supplements
- Ferrous Sulfate PO 325mg Tab
- Lipodrene

Herbal Medicines
- Jiang Ya Piam

Sun, June 15 | Mon, June 16 | Tue, June 17 | Wed, June 18 | Thu, June 19 | Fri, June 20 | Sat, June 21

Scheduled | Not Taken | As needed | overdose/underdose

Updates
- Your renewal request for **HCTZ (Esidrex/Oretic) PO 25mg Tab** was approved

Allergies
- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

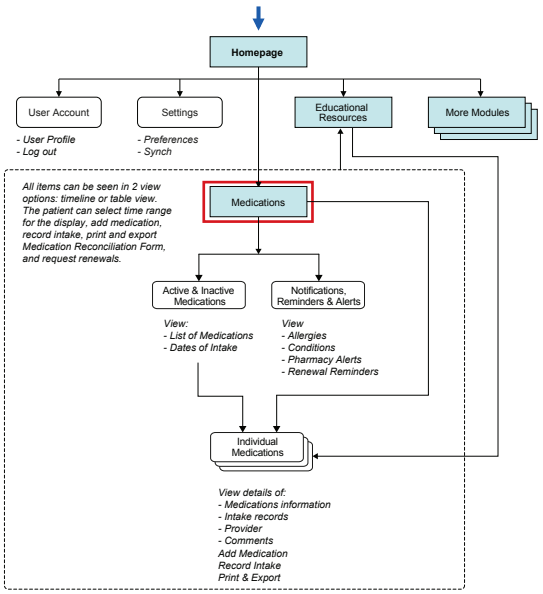
Conditions
- Hypertension
- High cholesterol

Pharmacy Alert
- Medication recall

Renewal Reminders
- Request renewal for **Lisinopril**
- Request renewal for **Coumadin®**

+ Request Renewal

As the user hovers over each medication listed under the *Medication Name* column, the tooltip with the full name of medication and short description appears.



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MEDICATIONS: RECORD INTAKE

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Medications

You have 2 medications you need to refill now or soon.
Learn more about Medication: Educational Resources

Search Medications

Medication History

+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Medication Name	Sun, June 15	Mon, June 16	Tue, June 17	Wed, June 18 (Today)	Thu, June 19	Fri, June 20	Sat, June 21
Prescription Drugs							
Lisinopril (Prinivil/Zestril) PO 40mg Tab	☑	☑	☑	☐ (Mark as Taken)	☑	☑	☑
HCTZ (Esidrex/Oretic) PO 25mg Tab	☑	☑	☑	☑	☑	☑	☑
Warfarin (Coumadin®) PO 5mg Tab	☑	☑	☐	☑	☑	☑	☑
Over-The-Counter Drugs							
Acetaminophen (Tylenol® PM)		⚠					
Supplements							
Ferrous Sulfate PO 325mg Tab	☑	☑	☑	☑			
Lipodrene	☑	☑	☑	☑			
Herbal Medicines							
Jiang Ya Piam	☑ ☑ ☑	☑ ☑ ☑	☑ ☑ ☑	☑ ☑ ☑	☑ ☑ ☑	☑ ☑ ☑	☑ ☑ ☑

☑ Scheduled ☐ Not Taken ✓ As needed ⚠ overdose/underdose

Updates
- Your renewal request for **HCTZ (Esidrex/Oretic) PO 25mg Tab** was approved

Allergies
- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

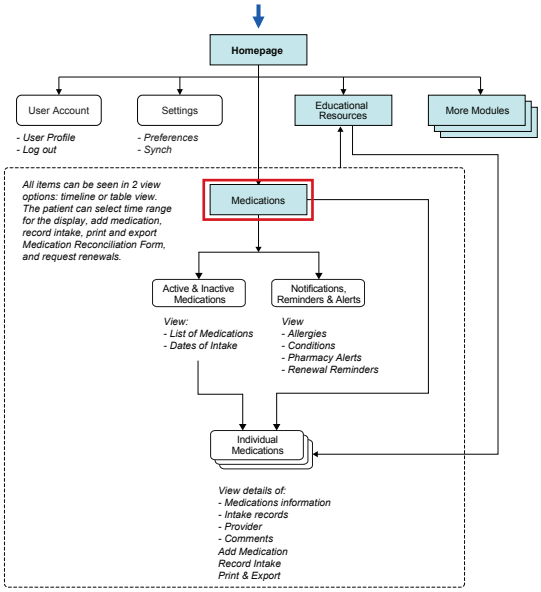
Conditions
- Hypertension
- High cholesterol

Pharmacy Alert
- Medication recall

Renewal Reminders
- Request renewal for **Lisinopril**
- Request renewal for **Coumadin®**

+ Request Renewal

The user can input the intake information by clicking on an icon. Grey icon indicates that the patient has missed or not taken the medication yet. Colored icon (e.g., blue or orange) indicates that the patient has taken the medication. The user can click on a colored icon to "untake" the medication.



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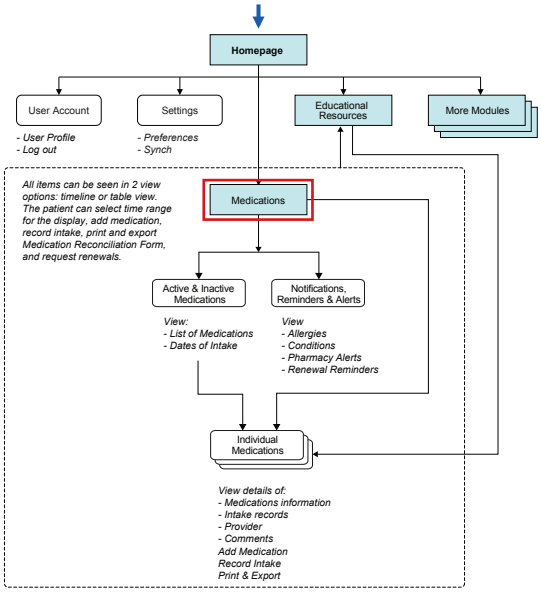
MEDICATIONS: RECORD INTAKE

The user clicks on an icon to record intake. A pop up window appears offering the user to enter attributes such as time, quantity and frequency. The medication's direction sets the default values (e.g., 2 tablets, 1 time). The user can also enter comments.

Blue squares respresent "Scheduled" drugs. The number of icons indicates how many times the patient should take the medication.

Orange circles represent "As Needed" drugs. For this type of medication a single or multiple icons will appear in the timeline based on frequency. For example, if the patient has taken the medication three times on a day, the patient will then enter "3" for frequency and three icons will appear.



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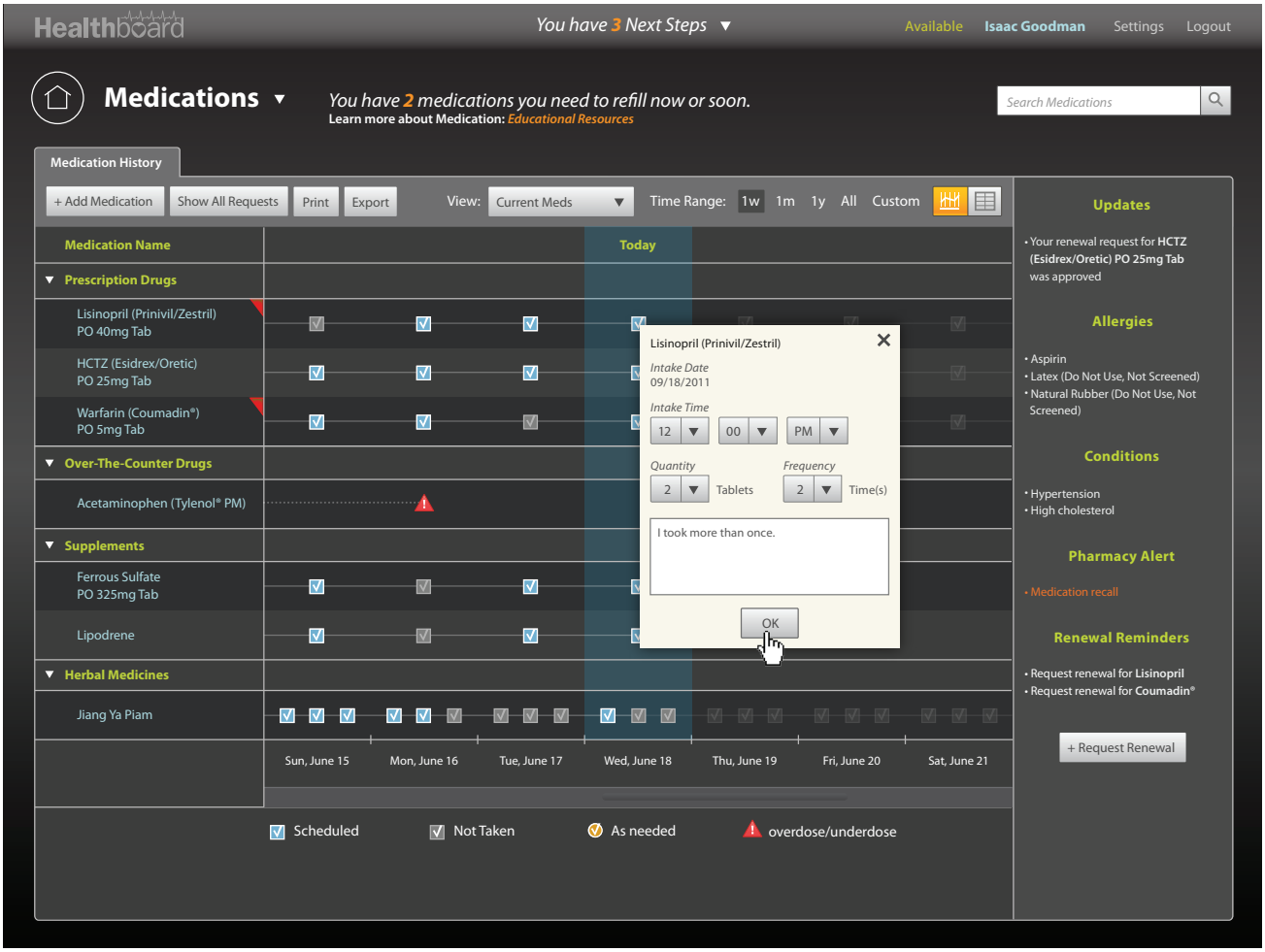
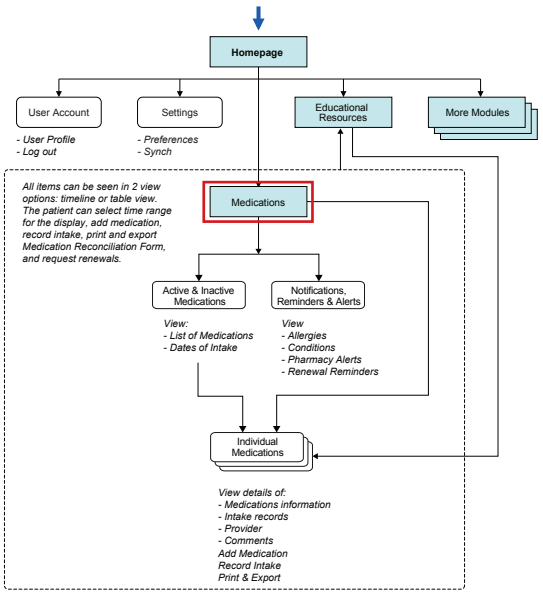
MEDICATIONS: RECORD INTAKE (CONTINUED)



The user enters intake information.



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MEDICATIONS: RECORD INTAKE (OVERDOSE)

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Medications

You have 2 medications you need to refill now or soon.
Learn more about Medication: Educational Resources

Search Medications

Medication History

+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Medication Name	Sun, June 15	Mon, June 16	Tue, June 17	Wed, June 18 (Today)	Thu, June 19	Fri, June 20	Sat, June 21
Prescription Drugs							
Lisinopril (Prinivil/Zestril) PO 40mg Tab	☑	☑	☑	⚠ Overdose	☑	☑	☑
HCTZ (Esidrex/Oretic) PO 25mg Tab	☑	☑	☑	☑	☑	☑	☑
Warfarin (Coumadin®) PO 5mg Tab	☑	☑	☑	☑	☑	☑	☑
Over-The-Counter Drugs							
Acetaminophen (Tylenol® PM)		⚠					
Supplements							
Ferrous Sulfate PO 325mg Tab	☑	☑	☑	☑			
Lipodrene	☑	☑	☑	☑			
Herbal Medicines							
Jiang Ya Piam	☑ ☑ ☑	☑ ☑ ☑	☑ ☑ ☑	☑ ☑ ☑	☑ ☑ ☑	☑ ☑ ☑	☑ ☑ ☑

☑ Scheduled ☑ Not Taken ✓ As needed ⚠ overdose/underdose

Updates
- Your renewal request for **HCTZ (Esidrex/Oretic) PO 25mg Tab** was approved

Allergies
- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

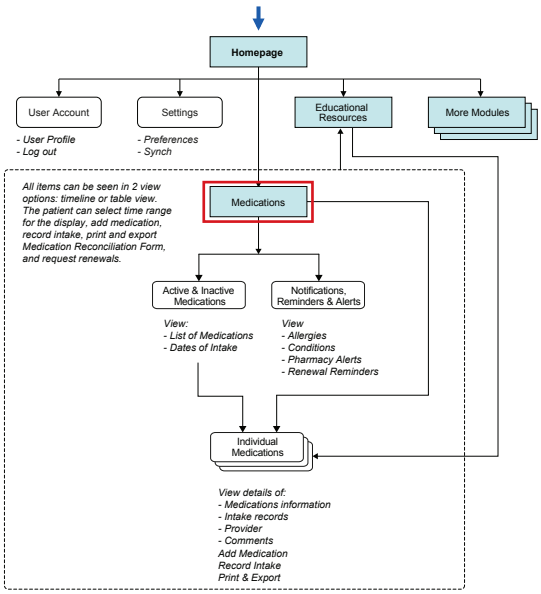
Conditions
- Hypertension
- High cholesterol

Pharmacy Alert
- Medication recall

Renewal Reminders
- Request renewal for **Lisinopril**
- Request renewal for **Coumadin®**

+ Request Renewal

If the patient has taken more medications than he should, the icon becomes a red triangle, or a warning icon indicating drug overdose. Likewise, if the patient has taken less than the appropriate amount, a warning icon appears.



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MEDICATIONS: REQUEST RENEWAL

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Medications

You have 2 medications you need to refill now or soon.
Learn more about Medication: Educational Resources

Search medications

Medication History

+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Medication Name | Today

- Prescription Drugs
  - Lisinopril (Prinivil/Zestril) PO 40mg Tab
  - HCTZ (Esidrex/Oretic) PO 25mg Tab
  - Warfarin (Coumadin®) PO 5mg Tab
- Over-The-Counter Drugs
  - Acetaminophen (Tylenol® PM)
- Supplements
  - Ferrous Sulfate PO 325mg Tab
  - Lipodrene
- Herbal Medicines
  - Jiang Ya Piam

Sun, June 15 | Fri, June 20 | Sat, June 21

Request Renewal

Request Date: December 10, 2011

Select one or more medications to request a renewal:

- Lisinopril (Prinivil/Zestril) – PO 40mg Tab
- Warfarin (Coumadin®) – PO 5mg Tab

Doctor's Name: Dr. Gregirt Berg, Team 1
Doctor's Phone Number: (123) 456-7890

Pharmacy: Fort McNair
(202) 685 3100
103 3rd Ave., SW
Washington, DC 20319
Use another pharmacy

Submit Request | Cancel

Updates
- Your renewal request for HCTZ (Esidrex/Oretic) PO 25mg Tab was approved

Allergies
- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions
- Hypertension
- High cholesterol

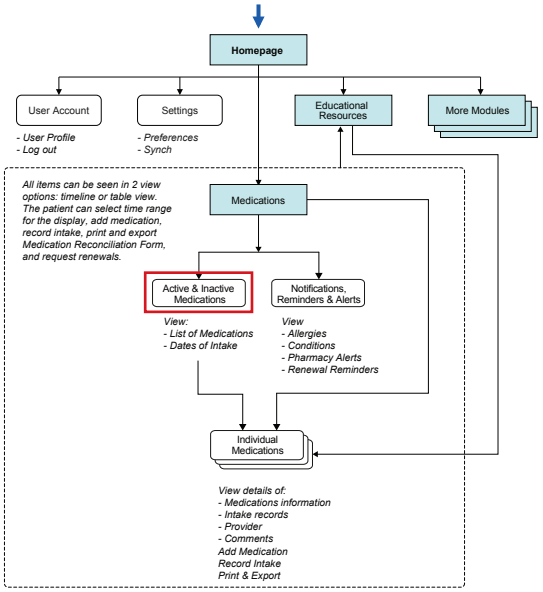
Pharmacy Alert
- Medication recall

Renewal Reminders
- Request renewal for Lisinopril
- Request renewal for Coumadin®

+ Request Renewal

Scheduled | Not Taken | As needed | overdose/underdose

The user can access the *Request Renewal* menu by clicking "+ Request Renewal" button in the right hand column.



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MEDICATIONS: MEDICATION DETAIL

Healthboard | You have 3 Next Steps ▼ | Available | Isaac Goodman | Settings | Logout

Medications ▼

You have 2 medications you need to refill now or soon.
Learn more about Medication: *Educational Resources*

Search Medications

Medication History | Lisinopril (Prinivil/Zestril) – PO 40mg Tab ×

Record Today's Intake | + Request Renewal | Print | Export

Medication Details

Name / Dosage Lisinopril (Prinivil/Zestril) – PO 40mg Tab

Drug Image

Status Active

Prescription # NB8454995
Quantity 30
Sig. / Directions Take one every day
Expanded Sig. Take with a big glass of water
Intake Time 0900 (Morning)

Reason why you are taking To treat high blood pressure (hypertension)

Side Effects Allergic reaction, fainting, flu symptoms, chest pain, and weight gain

Refills Left 0 of 3
Last Filled Date May 25, 2011

Provider Dr. Gregirt Berg, Team 1

Pharmacy Fort McNair
Phone (202) 685 3100
Addresss 103 3rd Ave., SW
Washington, DC 20319
Show All Pharmacies

Refills and Renewals History

Refill #	Date Filled	Prescription #	Quantity	Days Supply	Pharmacy
1	March 20, 2011	NB0987654	30	Not recorded	Walgreens
2	April 23, 2011	NB1234567	30	Not recorded	Building 9 Pharmacy

Intake History

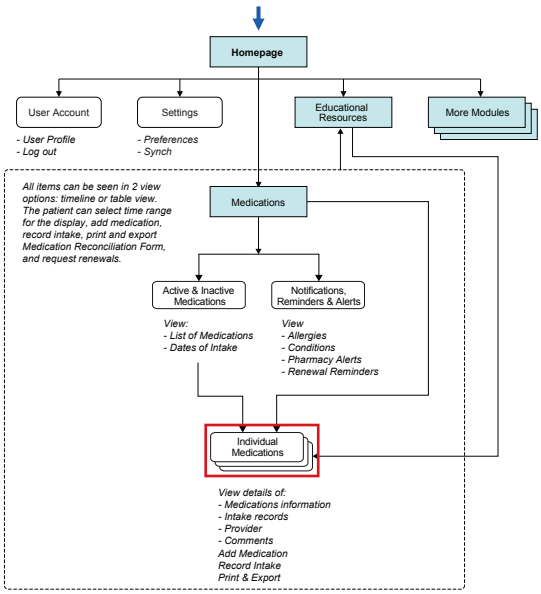
Date and Time	Quantity	Comments	Recorded by
June 18, 2011 – 09:45 am	1		You
June 17, 2011 – 09:00 am	1		You
June 16, 2011 – 09:00 am	1		You
June 15, 2011 – 09:00 am	1	Yes	Dr. Andrew Berg
June 14, 2011 – 09:00 am	1		You
June 13, 2011 – 11:00 am	1		You
June 12, 2011 – 01:00 pm	1		You
June 11, 2011 – 09:00 am	1		You
June 10, 2011 – 09:00 am	1		You
June 9, 2011 – 09:00 am	1		You

Pharmacy Comments

Dr. Gregory Berg June 15 2011 at 8:45 PM

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex

The user enters this screen by clicking on a medication name link. This detail view of the selected medication presents *Medication Details, Refills and Renewal History, Intake History,* and *Pharmacy Comments.*



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MEDICATIONS: RECORD TODAY'S INTAKE

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Medications

You have 2 medications you need to refill now or soon.
Learn more about Medication: Educational Resources

Search Medications

Medication History | Lisinopril (Prinivil/Zestril) – PO 40mg Tab

Record Today's Intake | + Request Renewal | Print | Export

Medication Details

Name / Dosage: Lisinopril (Prinivil/Zestril) – PO 4
Drug Image
Status: Active
Prescription #: NB8454995
Quantity: 30
Sig. / Directions: Take one every day
Expanded Sig.: Take with a big glass of water
Intake Time: 0900 (Morning)
Reason why you are taking: To treat high blood pressure (hypertension)
Side Effects: Allergic reaction, fainting, flu sy chest pain, and weight gain
Refills Left: 0 of 3
Last Filled Date: May 25, 2011
Provider: Dr. Gregirt Berg, Team 1
Pharmacy: Fort McNair
Phone: (202) 685 3100
Addresss: 103 3rd Ave., SW Washington, DC 20319
Show All Pharmacies

Record Today's Intake

Name: Lisinopril (Prinivil/Zestril)
Date: Today, 10/15/2011
Intake: I took all doses for today.

Dosage	Time	Quantity
1st dosage	08 00 hrs	1 tablets
2nd dosage	12 00 hrs	1 tablets
3rd dosage	15 00 hrs	1 tablets
More than 3		

Comments:

Record | Cancel

Days Supply	Pharmacy
Not recorded	Walgreens
Not recorded	Building 9 Pharmacy

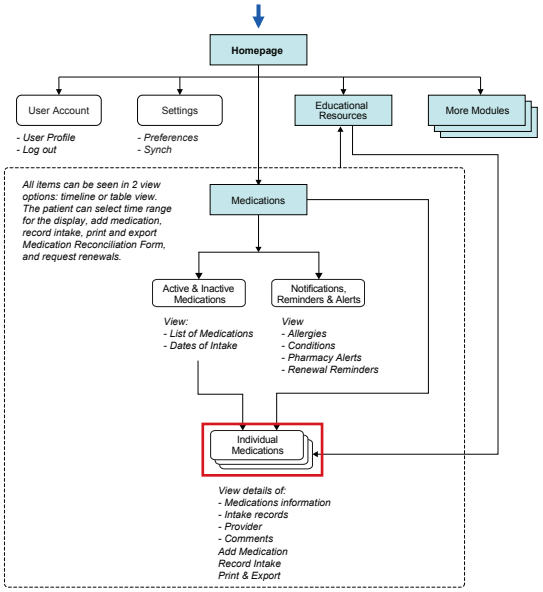
			Recorded by
			You
			You
			You
			Dr. Andrew Berg
			You
			You
			You
			You
			You
June 9, 2011 – 09:00 am	1		You

Pharmacy Comments

Dr. Gregory Berg — June 15 2011 at 8:45 PM

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex

The user can access *Record Today's Intake* by clicking "Record Today's Intake" button. Name and date are autopopulated and grayed out.



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MEDICATIONS: RECORD TODAY'S INTAKE

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Medications

You have 2 medications you need to refill now or soon.
Learn more about Medication: Educational Resources

Search Medications

Medication History | Lisinopril (Prinivil/Zestril) – PO 40mg Tab

Record Today's Intake | + Request Renewal | Print | Export

Medication Details

Name / Dosage: Lisinopril (Prinivil/Zestril) – PO 4
Drug Image
Status: Active
Prescription #: NB8454995
Quantity: 30
Sig. / Directions: Take one every day
Expanded Sig.: Take with a big glass of water
Intake Time: 0900 (Morning)
Reason why you are taking: To treat high blood pressure (hypertension)
Side Effects: Allergic reaction, fainting, flu sy chest pain, and weight gain
Refills Left: 0 of 3
Last Filled Date: May 25, 2011
Provider: Dr. Gregirt Berg, Team 1
Pharmacy: Fort McNair
Phone: (202) 685 3100
Addresss: 103 3rd Ave., SW Washington, DC 20319
Show All Pharmacies

Record Today's Intake

Name: Lisinopril (Prinivil/Zestril)
Date: Today, 10/15/2011
Intake: I took all doses for today.

Dosage	Time		Quantity	
1st dosage	08	00 hrs	1	tablets
2nd dosage	12	00 hrs	1	tablets
3rd dosage	15	00 hrs	1	tablets

More than 3

Comments:

Record | Cancel

Days Supply	Pharmacy
Not recorded	Walgreens
Not recorded	Building 9 Pharmacy

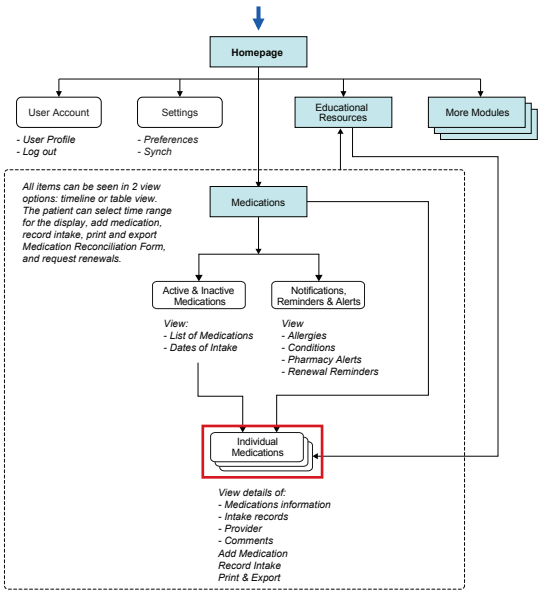
			Recorded by
			You
			You
			You
			Dr. Andrew Berg
			You
			You
			You
			You
			You
June 9, 2011 – 09:00 am	1		You

Pharmacy Comments

Dr. Gregory Berg — June 15 2011 at 8:45 PM

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex

The user can indicate that today's doses were taken by selecting "I took all doses for today." This will automatically check the user's doses for the day.



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MEDICATIONS: RECORD TODAY'S INTAKE

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Medications

You have 2 medications you need to refill now or soon.
Learn more about Medication: Educational Resources

Search Medications

Medication History | Lisinopril (Prinivil/Zestril) – PO 40mg Tab

Record Today's Intake | + Request Renewal | Print | Export

Medication Details

Name / Dosage: Lisinopril (Prinivil/Zestril) – PO 4
Drug Image
Status: Active
Prescription #: NB8454995
Quantity: 30
Sig. / Directions: Take one every day
Expanded Sig.: Take with a big glass of water
Intake Time: 0900 (Morning)
Reason why you are taking: To treat high blood pressure (hypertension)
Side Effects: Allergic reaction, fainting, flu sy chest pain, and weight gain
Refills Left: 0 of 3
Last Filled Date: May 25, 2011
Provider: Dr. Gregirt Berg, Team 1
Pharmacy: Fort McNair
Phone: (202) 685 3100
Addresss: 103 3rd Ave., SW Washington, DC 20319
Show All Pharmacies

Record Today's Intake

Name: Lisinopril (Prinivil/Zestril)
Date: Today, 10/15/2011
Intake: I took all doses for today.

Dosage	Time	Quantity
1st dosage	08 00 hrs	1 tablets
2nd dosage	12 00 hrs	1 tablets
3rd dosage	15 00 hrs	1 tablets
More than 3		

Comments:

Record | Cancel

Days Supply	Pharmacy
Not recorded	Walgreens
Not recorded	Building 9 Pharmacy

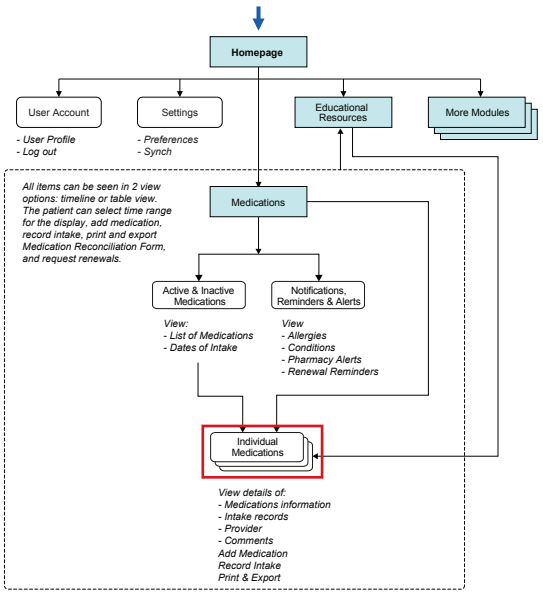
			Recorded by
			You
			You
			You
			Dr. Andrew Berg
			You
			You
			You
			You
			You
June 9, 2011 – 09:00 am	1		You

Pharmacy Comments

Dr. Gregory Berg — June 15 2011 at 8:45 PM

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex

The user can also uncheck a dosage. This will grey out the Time and Quantity text boxes of that dosage.



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MEDICATIONS: RECORD TODAY'S INTAKE

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Medications

You have 2 medications you need to refill now or soon.
Learn more about Medication: Educational Resources

Search Medications

Medication History | Lisinopril (Prinivil/Zestril) – PO 40mg Tab

Record Today's Intake | + Request Renewal | Print | Export

Medication Details

Name / Dosage: Lisinopril (Prinivil/Zestril) – PO 4
Drug Image
Status: Active
Prescription #: NB8454995
Quantity: 30
Sig. / Directions: Take one every day
Expanded Sig.: Take with a big glass of water
Intake Time: 0900 (Morning)
Reason why you are taking: To treat high blood pressure (hypertension)
Side Effects: Allergic reaction, fainting, flu sy chest pain, and weight gain
Refills Left: 0 of 3
Last Filled Date: May 25, 2011
Provider: Dr. Gregirt Berg, Team 1
Pharmacy: Fort McNair
Phone: (202) 685 3100
Addresss: 103 3rd Ave., SW Washington, DC 20319
Show All Pharmacies

Record Today's Intake

Name: Lisinopril (Prinivil/Zestril)
Date: Today, 10/15/2011
Intake: I took all doses for today.

Dosage	Time		Quantity	
1st dosage	08	00 hrs	1	tablets
2nd dosage	12	00 hrs	1	tablets
3rd dosage	15	00 hrs	1	tablets

More than 3 — Please explain below

Comments:

Record | Cancel

Days Supply	Pharmacy
Not recorded	Walgreens
Not recorded	Building 9 Pharmacy

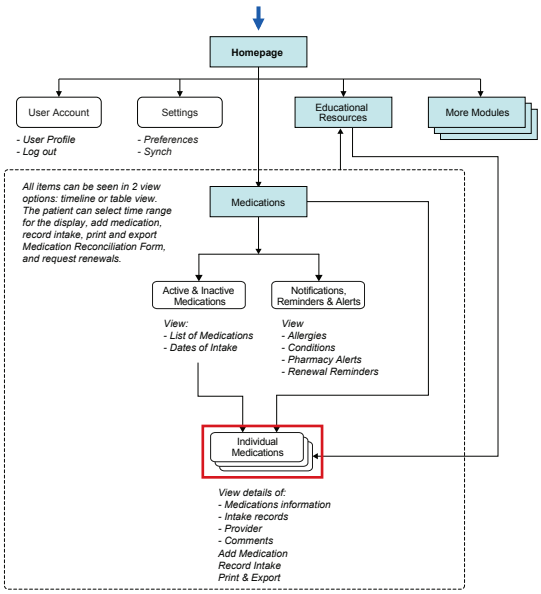
			Recorded by
			You
			You
			You
			Dr. Andrew Berg
			You
			You
			You
			You
			You
June 9, 2011 – 09:00 am	1		You

Pharmacy Comments

Dr. Gregory Berg — June 15 2011 at 8:45 PM

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex

If the user had taken more than the assigned dosage, "More than 3" can be checked. This will trigger a prompt from the system, asking the user to explain the reason or any other details in the Comments box.



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MEDICATIONS: RECORD TODAY'S INTAKE

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Medications

You have 2 medications you need to refill now or soon.
Learn more about Medication: Educational Resources

Search Medications

Medication History | Lisinopril (Prinivil/Zestril) – PO 40mg Tab

Record Today's Intake | + Request Renewal | Print | Export

Medication Details

Name / Dosage: Lisinopril (Prinivil/Zestril) – PO 4
Drug Image
Status: Active
Prescription #: NB8454995
Quantity: 30
Sig. / Directions: Take one every day
Expanded Sig.: Take with a big glass of water
Intake Time: 0900 (Morning)
Reason why you are taking: To treat high blood pressure (hypertension)
Side Effects: Allergic reaction, fainting, flu sy chest pain, and weight gain
Refills Left: 0 of 3
Last Filled Date: May 25, 2011
Provider: Dr. Gregirt Berg, Team 1
Pharmacy: Fort McNair
Phone: (202) 685 3100
Addresss: 103 3rd Ave., SW Washington, DC 20319
Show All Pharmacies

Record Today's Intake

Name: Lisinopril (Prinivil/Zestril)
Date: Today, 10/15/2011
Intake: I took all doses for today.

Dosage	Time	Quantity
1st dosage	08 00 hrs	1 tablets
2nd dosage	12 00 hrs	1 tablets
3rd dosage	15 00 hrs	1 tablets
More than 3	Please explain below	

Comments:
Required for overdose
Record | Cancel

Days Supply	Pharmacy
Not recorded	Walgreens
Not recorded	Building 9 Pharmacy

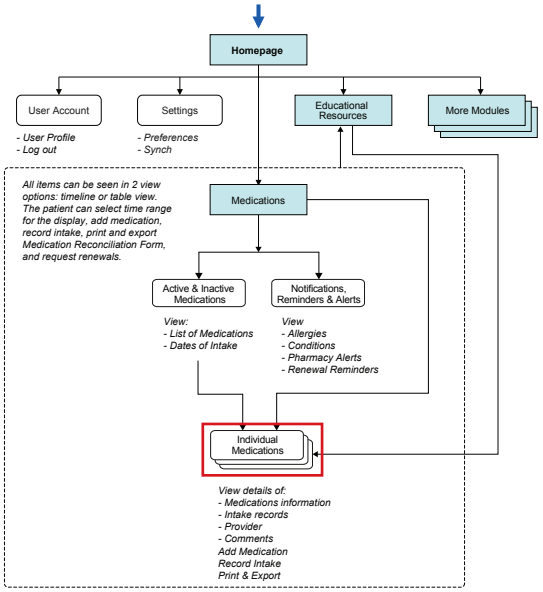
		Recorded by
		You
		You
		You
		Dr. Andrew Berg
		You
		You
		You
		You
June 9, 2011 – 09:00 am	1	You

Pharmacy Comments

Dr. Gregory Berg — June 15 2011 at 8:45 PM

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex

If the user selects "Record" without explaining the overdose, the system will stop the user from proceeding and prompt him again to explain the overdose.



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MEDICATIONS: RECORD TODAY'S INTAKE

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Medications

You have 2 medications you need to refill now or soon.
Learn more about Medication: Educational Resources

Search Medications

Medication History | Lisinopril (Prinivil/Zestril) – PO 40mg Tab

Record Today's Intake | + Request Renewal | Print | Export

Medication Details

Name / Dosage	Lisinopril (Prinivil/Zestril) – PO 4
Drug Image	
Status	Active
Prescription #	NB8454995
Quantity	30
Sig. / Directions	Take one every day
Expanded Sig.	Take with a big glass of water
Intake Time	0900 (Morning)
Reason why you are taking	To treat high blood pressure (hypertension)
Side Effects	Allergic reaction, fainting, flu sy chest pain, and weight gain
Refills Left	0 of 3
Last Filled Date	May 25, 2011
Provider	Dr. Gregirt Berg, Team 1
Pharmacy	Fort McNair
Phone	(202) 685 3100
Addresss	103 3rd Ave., SW Washington, DC 20319

Show All Pharmacies

Record Today's Intake

Name: Lisinopril (Prinivil/Zestril)

Date: Today, 10/15/2011

Intake: ☑ I took all doses for today.

Dosage	Time		Quantity	
☑ 1st dosage	08	00 hrs	1	tablets
☑ 2nd dosage	12	00 hrs	1	tablets
☑ 3rd dosage	15	00 hrs	1	tablets

☑ More than 3

Comments: I felt like I needed more...

Record | Cancel

Days Supply	Pharmacy
Not recorded	Walgreens
Not recorded	Building 9 Pharmacy

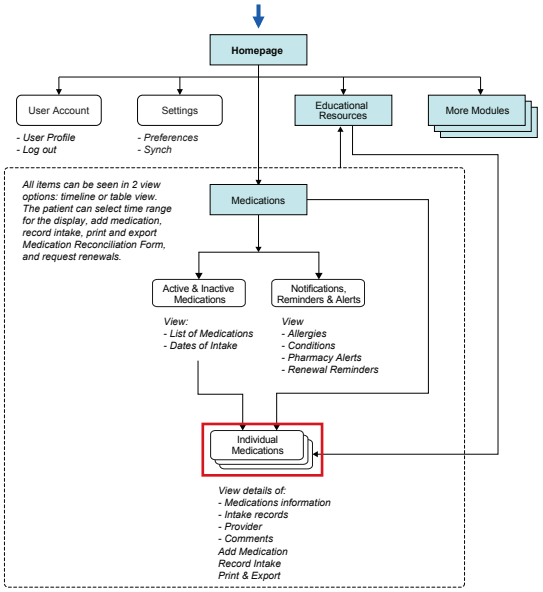
		Recorded by
		You
		You
		You
		Dr. Andrew Berg
		You
		You
		You
		You
		You
June 9, 2011 – 09:00 am	1	You

Pharmacy Comments

Dr. Gregory Berg — June 15 2011 at 8:45 PM

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex

The user enters his reason in the Comments box and selects "Record."



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MEDICATIONS: RECORD TODAY'S INTAKE CONFIRMATION

Healthboard | You have 3 Next Steps ▼ | Available | Isaac Goodman | Settings | Logout

Medications ▼ *You have 2 medications you need to refill now or soon.*
Learn more about Medication: *Educational Resources*

Search Medications

Medication History | Lisinopril (Prinivil/Zestril) – PO 40mg Tab ×

Record Today's Intake | + Request Renewal | Print | Export

Medication Details

Name / Dosage	Lisinopril (Prinivil/Zestril) – PO 40mg Tab
Drug Image	
Status	Active
Prescription #	NB8454995
Quantity	30
Sig. / Directions	Take one every day
Expanded Sig.	Take with a big glass of water
Intake Time	0900 (Morning)
Reason why you are taking	To treat high blood pressure (hypertension)
Side Effects	Allergic reaction, fainting, flu symptoms, chest pain, and weight gain
Refills Left	0 of 3
Last Filled Date	May 25, 2011
Provider	Dr. Gregirt Berg, Team 1
Pharmacy	Fort McNair
Phone	(202) 685 3100
Addresss	103 3rd Ave., SW Washington, DC 20319
	Show All Pharmacies

Refills and Renewals History

Refill #	Date Filled	Prescription #	Quantity	Days Supply	Pharmacy
1	March 20, 2011	NB0987654	30	Not recorded	Walgreens
2	April 23, 2011	NB1234567	30	Not recorded	Building 9 Pharmacy

Intake History

Your medication intake was successfully recorded.
Close

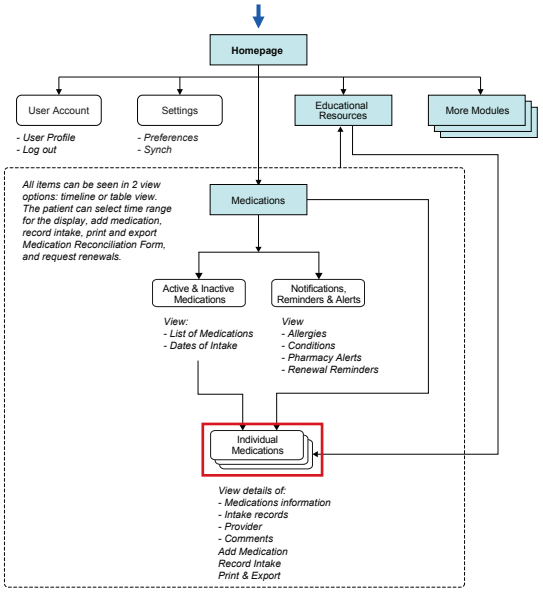
			Recorded by
			You
			You
June 16, 2011 – 09:00 am	1		You
June 15, 2011 – 09:00 am	1	Yes	Dr. Andrew Berg
June 14, 2011 – 09:00 am	1		You
June 13, 2011 – 11:00 am	1		You
June 12, 2011 – 01:00 pm	1		You
June 11, 2011 – 09:00 am	1		You
June 10, 2011 – 09:00 am	1		You
June 9, 2011 – 09:00 am	1		You

Pharmacy Comments

Dr. Gregory Berg June 15 2011 at 8:45 PM

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex

The system informs the user that the medication intake has been recorded successfully. The user confirms.



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MEDICATIONS: REQUEST RENEWAL

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Medications

You have 2 medications you need to refill now or soon.
Learn more about Medication: Educational Resources

Search Medications

Medication History | Lisinopril (Prinivil/Zestril) – PO 40mg Tab

Record Today's Intake | + Request Renewal | Print | Export

Medication Details

Name / Dosage: Lisinopril (Prinivil/Zestril) – PO 40mg Tab
Drug Image
Status: Active
Prescription #: NB8454995
Quantity: 30
Sig. / Directions: Take one every day
Expanded Sig.: Take with a big glass of water
Intake Time: 0900 (Morning)
Reason why you are taking: To treat high blood pressure (hypertension)
Side Effects: Allergic reaction, fainting, flu symptor chest pain, and weight gain
Refills Left: 0 of 3
Last Filled Date: May 25, 2011
Provider: Dr. Gregirt Berg, Team 1
Pharmacy: Fort McNair
Phone: (202) 685 3100
Addresss: 103 3rd Ave., SW Washington, DC 20319
Show All Pharmacies

Refills and Renewals History

Refill #	Date Filled	Prescription #	Quantity	Days Supply	Pharmacy
				Not recorded	Walgreens
				Not recorded	Building 9 Pharmacy

Recorded by
You
You
You
Dr. Andrew Berg
You
You
You
You
You
You

Request Renewal

Request Date: December 10, 2011

Select one or more medications to request a renewal:

- [x] Lisinopril (Prinivil/Zestril) – PO 40mg Tab
- [x] Warfarin (Coumadin®) – PO 5mg Tab

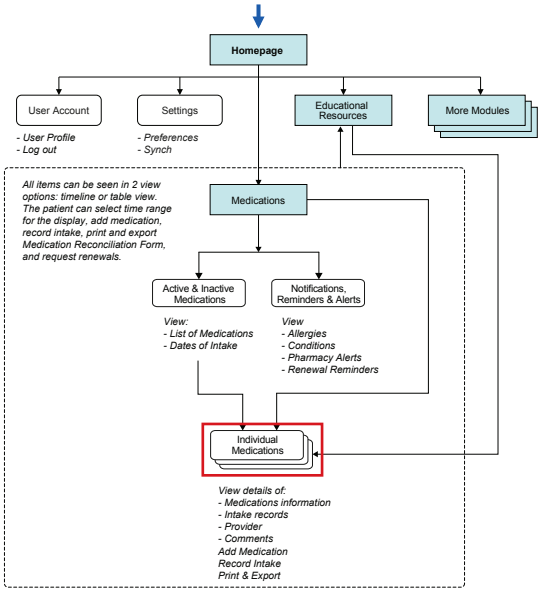
Doctor's Name: Dr. Gregirt Berg, Team 1
Doctor's Phone Number: (123) 456-7890
Pharmacy: Fort McNair
(202) 685 3100
103 3rd Ave., SW
Washington, DC 20319
Use another pharmacy

Submit Request | Cancel

Dr. Gregory Berg June 15 2011 at 8:45 PM

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex

The user can access the *Request Renewal* menu by clicking "+ Request Renewal" button.



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MEDICATIONS: REQUEST CONFIRMATION

Healthboard

You have 3 Next Steps ▼ | Available | Isaac Goodman | Settings | Logout

Medications ▼

You have 2 medications you need to refill now or soon.
Learn more about Medication: *Educational Resources*

Search Medications

Medication History | Lisinopril (Prinivil/Zestril) – PO 40mg Tab ×

Record Today's Intake | + Request Renewal | Print | Export

Medication Details

Name / Dosage Lisinopril (Prinivil/Zestril) – PO 40mg Tab

Drug Image

Status Active

Prescription # NB8454995
Quantity 30
Sig. / Directions Take one every day
Expanded Sig. Take with a big glass of water
Intake Time 0900 (Morning)

Reason why you are taking To treat high blood pressure (hypertension)

Side Effects Allergic reaction, fainting, flu symptoms, chest pain, and weight gain

Refills Left 0 of 3
Last Filled Date May 25, 2011

Provider Dr. Gregirt Berg, Team 1

Pharmacy Fort McNair
Phone (202) 685 3100
Addresss 103 3rd Ave., SW
Washington, DC 20319
Show All Pharmacies

Refills and Renewals History

Refill #	Date Filled	Prescription #	Quantity	Days Supply	Pharmacy
1	March 20, 2011	NB0987654	30	Not recorded	Walgreens
2	April 23, 2011	NB1234567	30	Not recorded	Building 9 Pharmacy

Intake History

Your prescription renewal request has been sent.

The prescription will be ready in approximately 4 hours.

Close

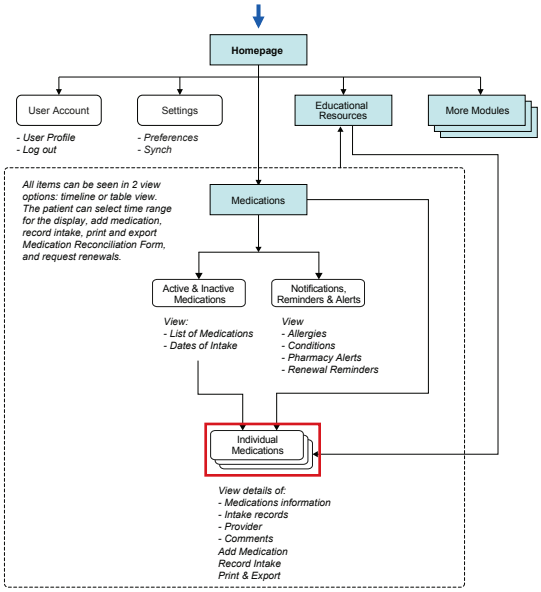
			Recorded by
			You
			You
			You
June 15, 2011 – 09:00 am	1	Yes	Dr. Andrew Berg
June 14, 2011 – 09:00 am	1		You
June 13, 2011 – 11:00 am	1		You
June 12, 2011 – 01:00 pm	1		You
June 11, 2011 – 09:00 am	1		You
June 10, 2011 – 09:00 am	1		You
June 9, 2011 – 09:00 am	1		You

Pharmacy Comments

Dr. Gregory Berg June 15 2011 at 8:45 PM

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex

The confirmation message appears after submitting a renewal request.



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MEDICATIONS: TABLE VIEW

Healthboard

You have 3 Next Steps ▼ | Available | Isaac Goodman | Settings | Logout

Medications ▼

You have 2 medications you need to refill now or soon.
Learn more about Medication: *Educational Resources*

Search Medications

Medication History

+ Add Medication | Show All Requests | Print | Export | View: Current Meds ▼ | Time Range: 1w 1m 1y All Custom

Medication Name / Dosage ▼	Prescription #	Type	Sig / Directions	Refills Left	Renewal Status	Last Filled Date	Pharmacy
Lisinopril (Prinivil/Zestril) – PO 40mg Tab	NB8454995	Prescription	Take one every day	0 of 3	Ready	May 25, 2011	Pharmacy
HCTZ (Esidrex/Oretic) – PO 25mg Tab	NB3130868	Prescription	Take one every day	3 of 3	---	May 8, 2011	Pharmacy
Warfarin (Coumadin®) – PO 5mg Tab	6166937	Prescription	Take one every day	0 of 3	Pending	May 8, 2011	Pharmacy
Acetaminophen (Tylenol® PM)	---	OTC	---	---	---	Apr 12, 2011	Walgreens
Ferrous Sulfate – PO 325mg Tab	6167618	Supplement	Take one every day	2 of 3	---	May 25, 2011	Walgreens
Lipodrene	---	Supplement	Take one every day	---	---	Jun 3, 2011	GNC
Jiang Ya Pian	---	Herbal	Take 5 tablets, 3 times a day	---	---	Jun 1, 2011	Chinese Natural Herbs

Updates

- Your renewal request for **HCTZ (Esidrex/Oretic) PO 25mg Tab** was approved

Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions

- Hypertension
- High cholesterol

Pharmacy Alert

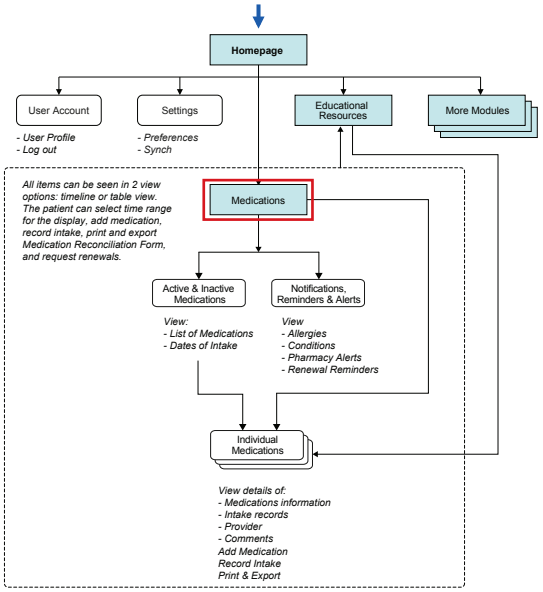
- Medication recall

Renewal Reminders

- Request renewal for **Lisinopril**
- Request renewal for **Coumadin®**

+ Request Renewal

The user switches to the *List View* of all medications by clicking an icon on the top right in the action menu bar.



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MEDICATIONS: ADD MEDICATION

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Medications

You have 2 medications you need to refill now or soon.
Learn more about Medication: Educational Resources

Search Medications

Medication History

+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Medication Name / Dosage	Prescription #	Type	Sig / Directions	Refills Left	Renewal Status	Last Filled Date	Pharmacy
Lisinopril (Prinivil/Zestril) – PO 40mg Tab	NB8454995	Prescription	Take one every day	0 of 3	Ready	May 25, 2011	Pharmacy
HCTZ (Esidrex/Oretic) – PO 25mg Tab	NB3130868	Prescription	Take one every day	3 of 3	---	May 8, 2011	Pharmacy
Warfarin (Coumadin®) – PO 5mg Tab	6166937	Prescription	Take one every day	0 of 3	Pending	May 8, 2011	Pharmacy
Acetaminophen (Tylenol® PM)	---	OTC	---	---	---	Apr 12, 2011	Walgreens
Ferrous Sulfate – PO 325mg Tab	6167618	Supplement	Take one every day	2 of 3	---	May 25, 2011	Walgreens
Lipodrene	---	S				n 3, 2011	GNC
Jiang Ya Pian	---	H				n 1, 2011	Chinese Natural Herbs

What type of medication would you like to add?
Over-The-Counter Drugs
Type in the name of medication:
Continue | Cancel

Updates
- Your renewal request for **HCTZ (Esidrex/Oretic) PO 25mg Tab** was approved

Allergies
- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

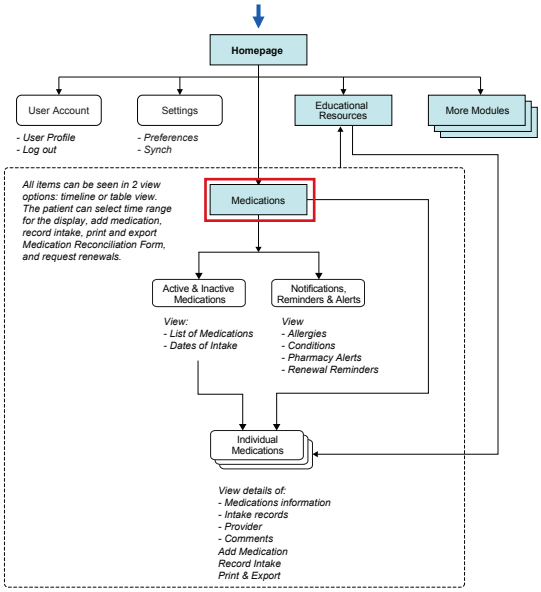
Conditions
- Hypertension
- High cholesterol

Pharmacy Alert
- Medication recall

Renewal Reminders
- Request renewal for **Lisinopril**
- Request renewal for **Coumadin®**

+ Request Renewal

The user clicks "+ Add Medication" button. A pop up window appears offering the user a drop down menu and text field to begin adding a new medication.



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MEDICATIONS: ADD MEDICATION (CONTINUED)

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Medications

You have 2 medications you need to refill now or soon.
Learn more about Medication: Educational Resources

Search Medications

Medication History

+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Medication Name / Dosage	Prescription #	Type	Sig / Directions	Refills Left	Renewal Status	Last Filled Date	Pharmacy
Lisinopril (Prinivil/Zestril) – PO 40mg Tab	NB8454995	Prescription	Take one every day	0 of 3	Ready	May 25, 2011	Pharmacy
HCTZ (Esidrex/Oretic) – PO 25mg Tab	NB3130868	Prescription	Take one every day	3 of 3	---	May 8, 2011	Pharmacy
Warfarin (Coumadin®) – PO 5mg Tab	6166937	Prescription	Take one every day	0 of 3	Pending	May 8, 2011	Pharmacy
Acetaminophen (Tylenol® PM)	---	OTC	---	---	---	Apr 12, 2011	Walgreens
Ferrous Sulfate – PO 325mg Tab	6167618	Supplement	Take one every day	2 of 3	---	May 25, 2011	Walgreens
Lipodrene	---	S				n 3, 2011	GNC
Jiang Ya Pian	---	H				n 1, 2011	Chinese Natural Herbs

What type of medication would you like to add?

Over-The-Counter Drugs

Type in the name of medication:

Adv|

Suggestions...
Advair Diskus
Ibuprofen (Advil®)
Ibuprofen (Advil® Cold and Sinus)
Ibuprofen (Advil® PM)
Advate
Ibuprofen (Advil® Liqui-Gels)
Advair HFA
Ibuprofen (Advi®l Allergy Sinus)
Ibuprofen (Advil® Children's)
Advicor

Updates

- Your renewal request for **HCTZ (Esidrex/Oretic) PO 25mg Tab** was approved

Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions

- Hypertension
- High cholesterol

Pharmacy Alert

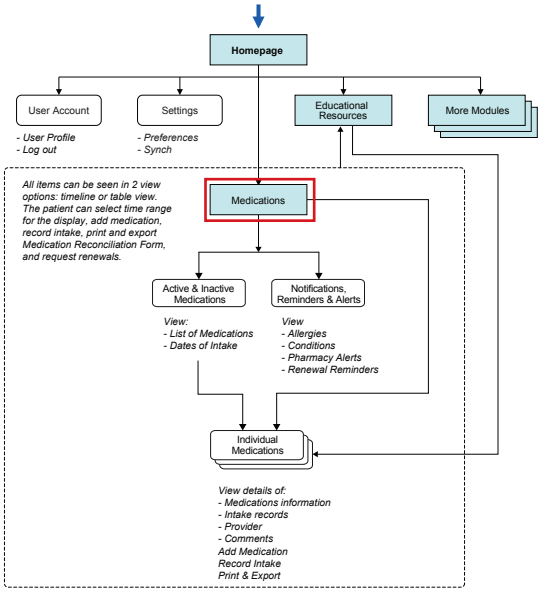
- Medication recall

Renewal Reminders

- Request renewal for **Lisinopril**
- Request renewal for **Coumadin®**

+ Request Renewal

The user enters the name of medication in the text field. The system assists user with listing relevant names while the user is typing letters. In this case, the user is typing "Adv," so all relevant words such as "Advair Diskus" and "Ibuprofen (Advil)" are listed under *Suggestions.*



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MEDICATIONS: ADD MEDICATION (CONTINUED)

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Medications — *You have 2 medications you need to refill now or soon.*
Learn more about Medication: *Educational Resources*

Search Medications

Medication History

+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Medication Name / Dosage	Prescription #	Type	Sig / Directions	Refills Left	Renewal Status	Last Filled Date	Pharmacy
Lisinopril (Prinivil/Zestril) – PO 40mg Tab	NB8454995	Prescription	Take one every day	0 of 3	Ready	May 25, 2011	Pharmacy
HCTZ (Esidrex/Oretic) – PO 25mg Tab	NB3130868	Prescription	Take one every day	3 of 3	---	May 8, 2011	Pharmacy
Warfarin (Coumadin®) – PO 5mg Tab	6166937	Prescription	Take one every day	0 of 3	Pending	May 8, 2011	Pharmacy
Acetaminophen (Tylenol® PM)	---	OTC	---	---	---	Apr 12, 2011	Walgreens
Ferrous Sulfate – PO 325mg Tab	6167618	Supplement	Take one every day	2 of 3	---	May 25, 2011	Walgreens
Lipodrene	---	S				n 3, 2011	GNC
Jiang Ya Pian	---	H				n 1, 2011	Chinese Natural Herbs

What type of medication would you like to add?
Over-The-Counter Drugs
Type in the name of medication:
Advel
Did you mean ***Advil***®?
Continue | Cancel

Updates
- Your renewal request for **HCTZ (Esidrex/Oretic) PO 25mg Tab** was approved

Allergies
- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

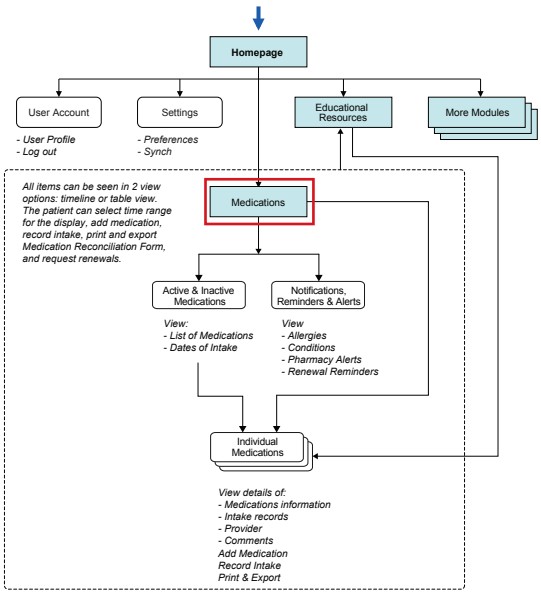
Conditions
- Hypertension
- High cholesterol

Pharmacy Alert
- Medication recall

Renewal Reminders
- Request renewal for **Lisinopril**
- Request renewal for **Coumadin®**

+ Request Renewal

The system suggests the medication names spelled correctly if the user enters names of medications that are spelled incorrectly or not found from the database.



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MEDICATIONS: ADD MEDICATION (CONTINUED)

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Medications

You have 2 medications you need to refill now or soon.
Learn more about Medication: Educational Resources

Search Medications

Medication History

+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Medication Name / Dosage	Prescription #	Type	Sig / Directions	Refills Left	Renewal Status	Last Filled Date	Pharmacy
Lisinopril (Prinivil/Zestril) – PO 40mg Tab	NB8454995	Prescription	Take one every day	0 of 3	Ready	May 25, 2011	Pharmacy
HCTZ (Esidrex/Oretic) – PO 25mg Tab	NB3130868	Prescription	Take one every day	3 of 3	---	May 8, 2011	Pharmacy
Warfarin (Coumadin®) – PO 5mg Tab	6166937	Prescription	Take one every day	0 of 3	Pending	May 8, 2011	Pharmacy
Acetaminophen (Tylenol® PM)	---	OTC	---	---	---	Apr 12, 2011	Walgreens
Ferrous Sulfate – PO 325mg Tab	6167618	Supplement	Take one every day	2 of 3	---	May 25, 2011	Walgreens
Lipodrene	---	S				3, 2011	GNC
Jiang Ya Pian	---	H				1, 2011	Chinese Natural Herbs

What type of medication would you like to add?
Over-The-Counter Drugs

Type in the name of medication:
Ibuprofen

Ibuprofen (generic)
Ibuprofen (Advil®)
Ibuprofen (Advil® Cold and Sinus)
Ibuprofen (Advil® PM)
Ibuprofen (Advil® Liqui-Gels)
Ibuprofen (Advil® Allergy Sinus)
Ibuprofen (Advil® Children's)
Show all...

Updates
- Your renewal request for **HCTZ (Esidrex/Oretic) PO 25mg Tab** was approved

Allergies
- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

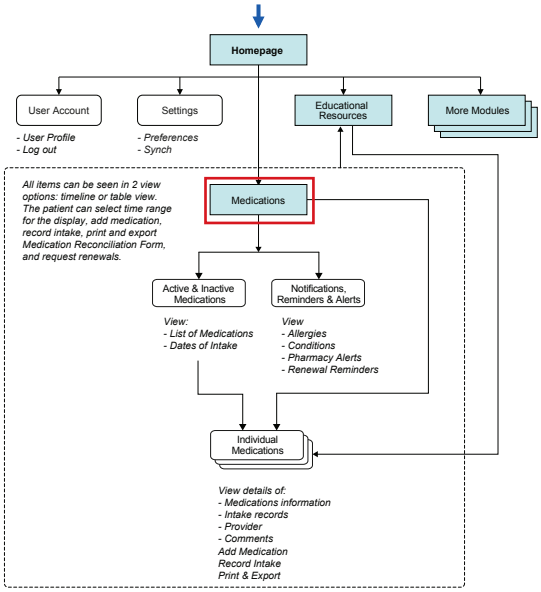
Conditions
- Hypertension
- High cholesterol

Pharmacy Alert
- Medication recall

Renewal Reminders
- Request renewal for **Lisinopril**
- Request renewal for **Coumadin®**

+ Request Renewal

The system follows the standard terms for medication names. For example, "Ibuprofen" is used as the standard for both general ibuprofen and Advil, including other variations of its kind. The user decides to choose "Ibuprofen (Advil®)" from the list of *Suggestions*.



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MEDICATIONS: ADD MEDICATION (CONTINUED)

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Medications

You have 2 medications you need to refill now or soon.
Learn more about Medication: Educational Resources

Search Medications

Medication History

+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Medication Name / Dosage	Prescription #	Type	Sig / Directions	Refills Left	Renewal Status	Last Filled Date	Pharmacy
Lisinopril (Prinivil/Zestril) – PO 40mg Tab	NB8454995	Prescription	Take one every day	0 of 3	Ready	May 25, 2011	Pharmacy
HCTZ (Esidrex/Oretic) – PO 25mg Tab	NB3130868	Prescription	Take one every day	3 of 3	---	May 8, 2011	Pharmacy
Warfarin (Coumadin®) – PO 5mg Tab	6166937	Prescription	Take one every day	0 of 3	Pending	May 8, 2011	Pharmacy
Acetaminophen (Tylenol® PM)	---	OTC	---	---	---	Apr 12, 2011	Walgreens
Ferrous Sulfate – PO 325mg Tab	6167618	Supplement	Take one every day	2 of 3	---	May 25, 2011	Walgreens
Lipodrene	---	S				n 3, 2011	GNC
Jiang Ya Pian	---	H				n 1, 2011	Chinese Natural Herbs

What type of medication would you like to add?
Over-The-Counter Drugs
Type in the name of medication:
Ibuprofen (Advil®)
Continue | Cancel

Updates
- Your renewal request for **HCTZ (Esidrex/Oretic) PO 25mg Tab** was approved

Allergies
- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

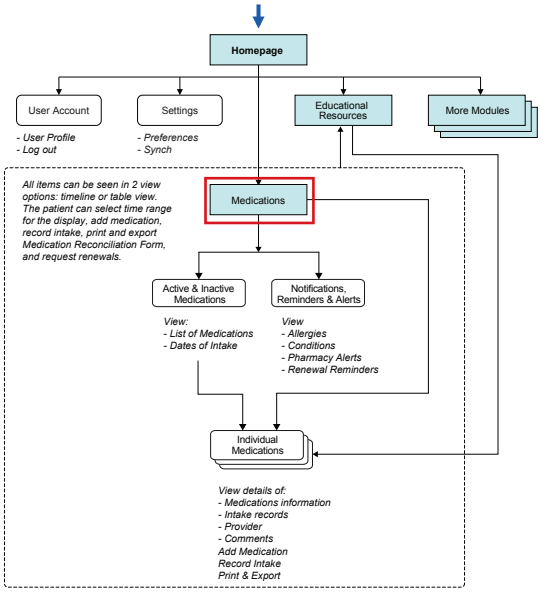
Conditions
- Hypertension
- High cholesterol

Pharmacy Alert
- Medication recall

Renewal Reminders
- Request renewal for **Lisinopril**
- Request renewal for **Coumadin®**

+ Request Renewal

Once the name of the medication is filled, the user selects "Next Step."



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MEDICATIONS: ADD MEDICATION (CONTINUED)

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Medications

You have 2 medications you need to refill now or soon.
Learn more about Medication: Educational Resources

Search Medications

Medication History

+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Medication Name / Dosage

Lisinopril (Prinivil/Zestril) – PO 40mg T
HCTZ (Esidrex/Oretic) – PO 25mg Tab
Warfarin (Coumadin®) – PO 5mg Tab
Acetaminophen (Tylenol® PM)
Ferrous Sulfate – PO 325mg Tab
Lipodrene
Jiang Ya Pian

Add Medication

Type: Over-The-Counter
Name: Ibuprofen (Advil®)
Dosage (PO): 200 mg
Quantity: Take 1 tablets for each intake
Frequency: Regular schedule / As needed
Sig/ Directions: • Take one every 4 - 6 hours while symptoms persist. • Do not exceed 6 tablets in 24 hours unless directed by a doctor.
Reason for Taking: Headache
Was it taken today?: Yes, this medication was taken today.

Add Record | Go Back | Cancel

Updates
• Your renewal request for HCTZ (Esidrex/Oretic) PO 25mg Tab was approved

Allergies
• Aspirin
• Latex (Do Not Use, Not Screened)
• Natural Rubber (Do Not Use, Not Screened)

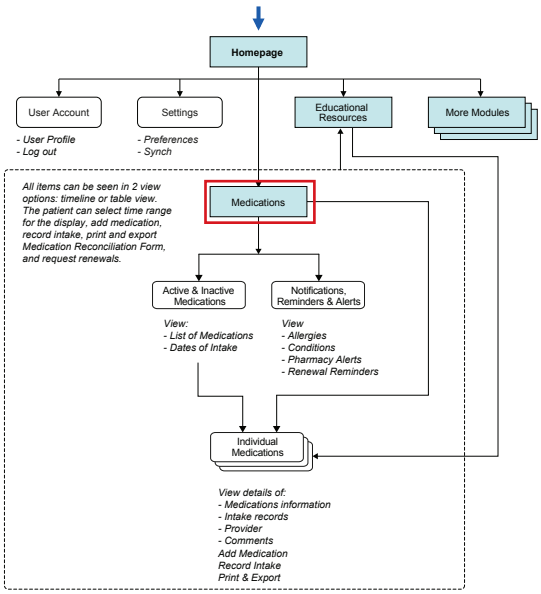
Conditions
• Hypertension
• High cholesterol

Pharmacy Alert
• Medication recall

Renewal Reminders
• Request renewal for Lisinopril
• Request renewal for Coumadin®

+ Request Renewal

The user is taken to *Add Medication* pop up. The "Type", "Name", and "Dosage" have been autopopulated according to the user's selection. The user has entered the "Reason for Taking."



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MEDICATIONS: ADD MEDICATION (CONTINUED)

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Medications

You have 2 medications you need to refill now or soon.
Learn more about Medication: Educational Resources

Search Medications

Medication History

+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Medication Name / Dosage

Lisinopril (Prinivil/Zestril) – PO 40mg T
HCTZ (Esidrex/Oretic) – PO 25mg Tab
Warfarin (Coumadin®) – PO 5mg Tab
Acetaminophen (Tylenol® PM)
Ferrous Sulfate – PO 325mg Tab
Lipodrene
Jiang Ya Pian

Add Medication

Type: Over-The-Counter
Name: Ibuprofen (Advil®)
Dosage (PO): 200 mg
Quantity: Take 1 tablets for each intake
Frequency: Regular schedule / As needed
Please enter frequency
Sig/ Directions: • Take one every 4 - 6 hours while symptoms persist. • Do not exceed 6 tablets in 24 hours unless directed by a doctor.
Reason for Taking: Headache
Was it taken today?: Yes, this medication was taken today.

Add Record | Go Back | Cancel

Updates
• Your renewal request for HCTZ (Esidrex/Oretic) PO 25mg Tab was approved

Allergies
• Aspirin
• Latex (Do Not Use, Not Screened)
• Natural Rubber (Do Not Use, Not Screened)

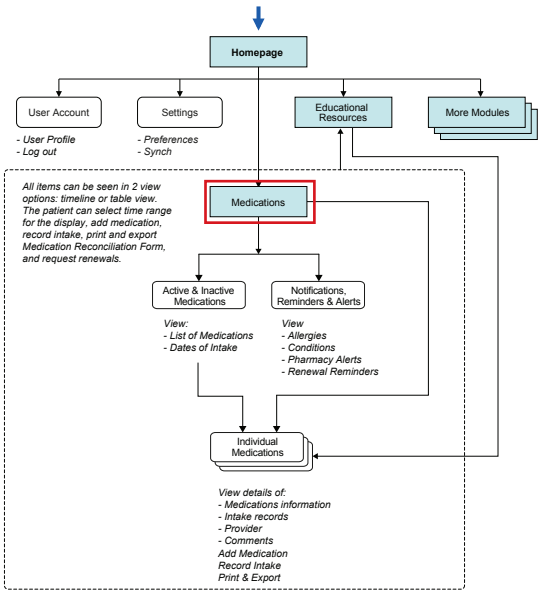
Conditions
• Hypertension
• High cholesterol

Pharmacy Alert
• Medication recall

Renewal Reminders
• Request renewal for Lisinopril
• Request renewal for Coumadin®

+ Request Renewal

When the user tries to "Add Record," the system alerts the user to enter the "Frequency."



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MEDICATIONS: ADD MEDICATION (CONTINUED)

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Medications

You have 2 medications you need to refill now or soon.
Learn more about Medication: Educational Resources

Search Medications

Medication History

+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Medication Name / Dosage

Lisinopril (Prinivil/Zestril) – PO 40mg Ta
HCTZ (Esidrex/Oretic) – PO 25mg Tab
Warfarin (Coumadin®) – PO 5mg Tab
Acetaminophen (Tylenol® PM)
Ferrous Sulfate – PO 325mg Tab
Lipodrene
Jiang Ya Pian

Add Medication

Type: Over-The-Counter
Name: Ibuprofen (Advil®)
Dosage (PO): 200 mg
Quantity: Take 1 tablets for each intake
Frequency: Regular schedule 1 time(s) / day
As needed
Sig/ Directions: • Take one every 4 - 6 hours while symptoms persist.
• Do not exceed 6 tablets in 24 hours unless directed by a doctor.
Reason for Taking: Headache
Was it taken today?: Yes, this medication was taken today.

Add Record | Go Back | Cancel

Updates
• Your renewal request for HCTZ (Esidrex/Oretic) PO 25mg Tab was approved

Allergies
• Aspirin
• Latex (Do Not Use, Not Screened)
• Natural Rubber (Do Not Use, Not Screened)

Conditions
• Hypertension
• High cholesterol

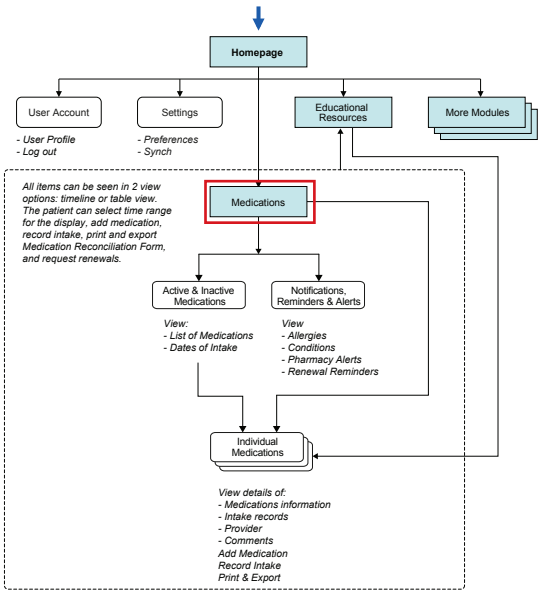
Pharmacy Alert
• Medication recall

Renewal Reminders
• Request renewal for Lisinopril
• Request renewal for Coumadin®

+ Request Renewal

The user selects "Regular Schedule" under "Frequency." A text box with a drop down option appears for the user to indicate the number of times the medication should be taken. A drop down menu also appears to choose the units of time; here, "day" is selected.

Once the user selects the appropriate frequency, the system replaces the red alert icon with a green check mark icon.



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MEDICATIONS: ADD MEDICATION (CONTINUED)

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Medications

You have 2 medications you need to refill now or soon.
Learn more about Medication: Educational Resources

Search Medications

Medication History

+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Medication Name / Dosage

Lisinopril (Prinivil/Zestril) – PO 40mg Ta
HCTZ (Esidrex/Oretic) – PO 25mg Tab
Warfarin (Coumadin®) – PO 5mg Tab
Acetaminophen (Tylenol® PM)
Ferrous Sulfate – PO 325mg Tab
Lipodrene
Jiang Ya Pian

Add Medication

Type: Over-The-Counter
Name: Ibuprofen (Advil®)
Dosage (PO): 200 mg
Quantity: Take 1 tablets for each intake
Frequency: Regular schedule
As needed 1 time(s)
Sig/ Directions: • Take one every 4 - 6 hours while symptoms persist.
• Do not exceed 6 tablets in 24 hours unless directed by a doctor.
Reason for Taking: Headache
Was it taken today?: Yes, this medication was taken today.

Add Record | Go Back | Cancel

Updates
• Your renewal request for HCTZ (Esidrex/Oretic) PO 25mg Tab was approved

Allergies
• Aspirin
• Latex (Do Not Use, Not Screened)
• Natural Rubber (Do Not Use, Not Screened)

Conditions
• Hypertension
• High cholesterol

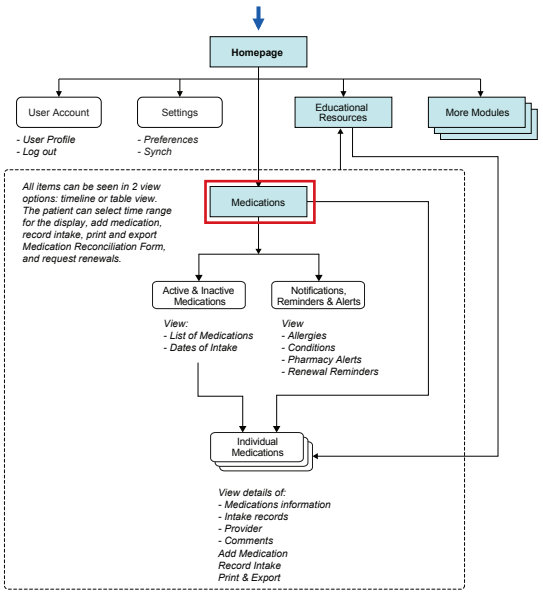
Pharmacy Alert
• Medication recall

Renewal Reminders
• Request renewal for Lisinopril
• Request renewal for Coumadin®

+ Request Renewal

When the user selects "As Needed" under "Frequency," a text box with a drop down option appears for the user to indicate the number of times the medication should be taken.

Again, the red alert icon has been replaced with a green check mark icon.



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MEDICATIONS: ADD MEDICATION (CONTINUED)

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Medications

You have 2 medications you need to refill now or soon.
Learn more about Medication: Educational Resources

Search Medications

Medication History

+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Medication Name / Dosage

Lisinopril (Prinivil/Zestril) – PO 40mg Ta
HCTZ (Esidrex/Oretic) – PO 25mg Tab
Warfarin (Coumadin®) – PO 5mg Tab
Acetaminophen (Tylenol® PM)
Ferrous Sulfate – PO 325mg Tab
Lipodrene
Jiang Ya Pian

Add Medication

Type: Over-The-Counter
Name: Ibuprofen (Advil®)
Dosage (PO): 200 mg
Quantity: Take 1 tablets for each intake
Frequency: Regular schedule / As needed 1 time(s)
Sig/ Directions: • Take one every 4 - 6 hours while symptoms persist. • Do not exceed 6 tablets in 24 hours unless directed by a doctor.
Reason for Taking: Headache
Was it taken today?: Yes, this medication was taken today.

Add Record | Go Back | Cancel

Updates
• Your renewal request for HCTZ (Esidrex/Oretic) PO 25mg Tab was approved

Allergies
• Aspirin
• Latex (Do Not Use, Not Screened)
• Natural Rubber (Do Not Use, Not Screened)

Conditions
• Hypertension
• High cholesterol

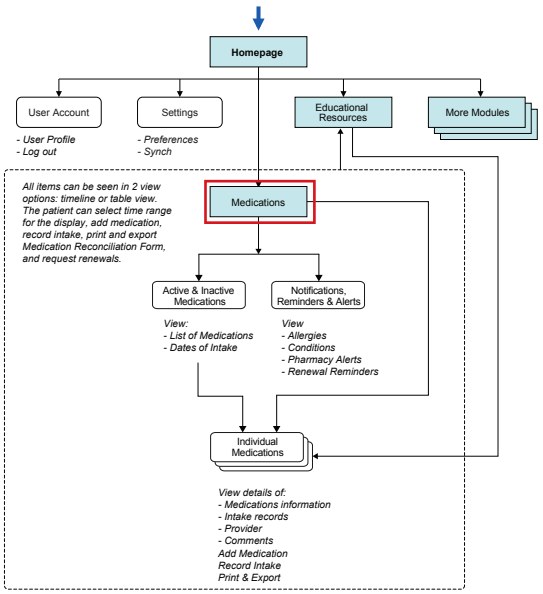
Pharmacy Alert
• Medication recall

Renewal Reminders
• Request renewal for Lisinopril
• Request renewal for Coumadin®

+ Request Renewal

Once the "Frequency" has been filled, the user selects "Add Record."

Note that the user has chosen to mark this medication as taken today through the last check box.



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MEDICATIONS: DRUG INTERACTION WARNING

Healthboard

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Medications ▼

You have 2 medications you need to refill now or soon.
Learn more about Medication: *Educational Resources*

Search Medications

Medication History

+ Add Medication | Show All Requests | Print | Export | View: Current Meds ▼ | Time Range: 1w 1m 1y All Custom

Medication Name / Dosage ▼	Prescription #	Type	Sig / Directions	Refills Left	Renewal Status	Last Filled Date	Pharmacy
Lisinopril (Prinivil/Zestril) – PO 40mg Tab	NB8454995	Prescription	Take one every day	0 of 3	Ready	May 25, 2011	Pharmacy
HCTZ (Esidrex/Oretic) – PO 25mg Tab	NB3130868	Prescription	Take one every day	3 of 3	---	May 8, 2011	Pharmacy
Warfarin (Coumadin®) – PO 5mg Tab	6166937	Prescription	Take one every day	0 of 3	Pending	May 8, 2011	Pharmacy
Acetaminophen (Tylenol® PM)	---	OTC	---	---	---	Apr 12, 2011	Walgreens
Ibuprofen (Advil®)	---	OTC	---	---	---	Jun 15 , 2011	Walgreens
Ferrous Sulfate – PO 325mg Tab	6167618	Supplement	Take one every day	2 of 3	---	May 25, 2011	Walgreens
Lipodrene	---	Supplement	Take one every day	---	---	Jun 3, 2011	GNC
Jiang Ya Pian	---	Herbal	Take 5 tablets, 3 times a day	---	---	Jun 1, 2011	Chinese Natural Herbs

Updates

- Your renewal request for **HCTZ (Esidrex/Oretic) PO 25mg Tab** was approved

Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions

- Hypertension
- High cholesterol

Pharmacy Alert

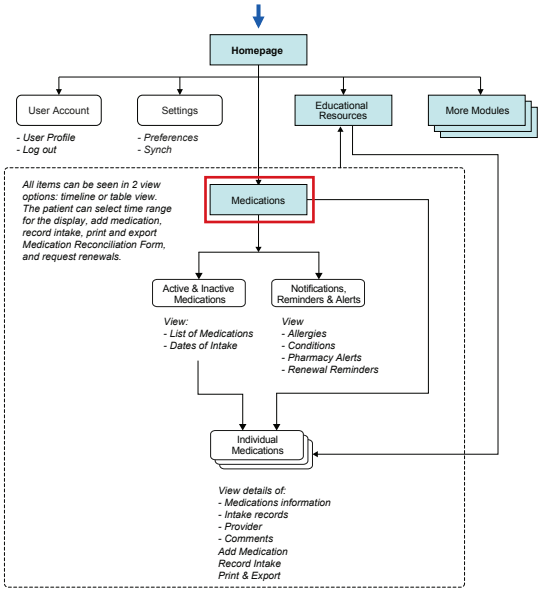
- Medication recall

Renewal Reminders

- Request renewal for **Lisinopril**
- Request renewal for **Coumadin®**

+ Request Renewal

The list of medications is updated accordingly.



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MEDICATIONS: DRUG INTERACTION WARNING

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Medications

You have 2 medications you need to refill now or soon.
Learn more about Medication: Educational Resources

Search Medications

Medication History

+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Medication Name / Dosage	Prescription #	Type	Sig / Directions	Refills Left	Renewal Status	Last Filled Date	Pharmacy
Lisinopril (Prinivil/Zestril) – PO 40mg Tab	NB8454995	Prescription	Take one every day	0 of 3	Ready	May 25, 2011	Pharmacy
HCTZ (Esidrex/Oretic) – PO 25mg Tab	NB3130868	Prescription	Take one every day	3 of 3	---	May 8, 2011	Pharmacy
Warfarin (Coumadin®) – PO 5mg Tab	6166937	Prescription	Take one every day	0 of 3	Pending	May 8, 2011	Pharmacy
Acetaminophen (Tylenol® PM)	---	OTC	---	---	---	Apr 12, 2011	Walgreens
Ibuprofen (Advil®)	---	OTC	---	---	---	Jun 15 , 2011	Walgreens
Ferrous Sulfate – PO 325mg Tab	6167618	S				y 25, 2011	Walgreens
Lipodrene	---	S				n 3, 2011	GNC
Jiang Ya Pian	---	H				n 1, 2011	Chinese Natural Herbs

What type of medication would you like to add?
Over-The-Counter Drugs
Type in the name of medication:
aspirin
Drug Interaction Warning
You are allergic
Continue | Cancel

Updates
- Your renewal request for **HCTZ (Esidrex/Oretic) PO 25mg Tab** was approved

Allergies
- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

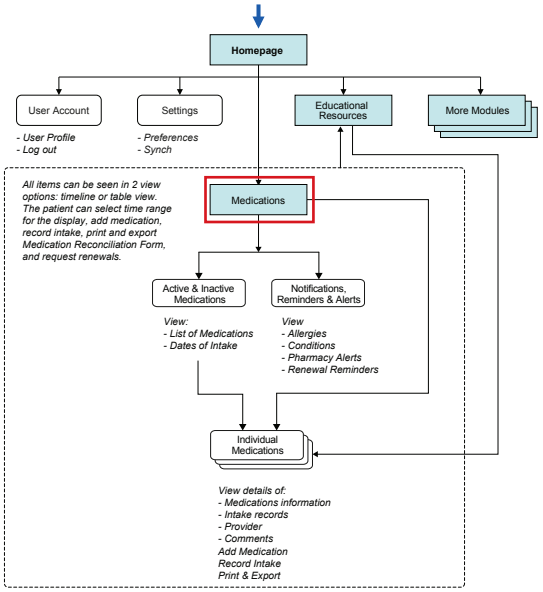
Conditions
- Hypertension
- High cholesterol

Pharmacy Alert
- Medication recall

Renewal Reminders
- Request renewal for **Lisinopril**
- Request renewal for **Coumadin®**

+ Request Renewal

If the new drug can effect any active medications or possibly cause an allergic reaction, the system will give a warning message.



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MEDICATIONS: DRUG INTERACTION WARNING (CONTINUED)

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Medications

You have 2 medications you need to refill now or soon.
Learn more about Medication: Educational Resources

Search Medications

Medication History

+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Medication Name / Dosage	Prescription #	Type	Sig / Directions	Refills Left	Renewal Status	Last Filled Date	Pharmacy
Lisinopril (Prinivil/Zestril) – PO 40mg Tab	NB8454995	Prescription	Take one every day	0 of 3	Ready	May 25, 2011	Pharmacy
HCTZ (Esidrex/Oretic) – PO 25mg Tab	NB3130868	Prescription	Take one every day	3 of 3	---	May 8, 2011	Pharmacy
Warfarin (Coumadin®) – PO 5mg Tab	6166937	Prescription	Take one every day	0 of 3	Pending	May 8, 2011	Pharmacy
Acetaminophen (Tylenol® PM)	---	OTC	---	---	---	Apr 12, 2011	Walgreens
Ibuprofen (Advil®)	---	OTC	---	---	---	Jun 15 , 2011	Walgreens
Ferrous Sulfate – PO 325mg Tab	6167618	S				y 25, 2011	Walgreens
Lipodrene	---	S				n 3, 2011	GNC
Jiang Ya Pian	---	H				n 1, 2011	Chinese Natural Herbs

What type of medication would you like to add?
Over-The-Counter Drugs
Type in the name of medication:
Acetaminophen (Acetadryl™)
Drug Interaction Warning
Continue | Cancel

Advil® and Acetadrul™ both contain acetaminophen, beware of possible overdose.

Updates
- Your renewal request for **HCTZ (Esidrex/Oretic) PO 25mg Tab** was approved

Allergies
- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

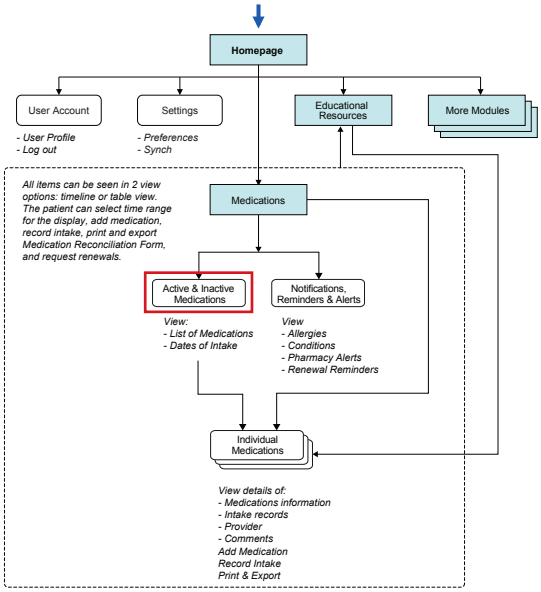
Conditions
- Hypertension
- High cholesterol

Pharmacy Alert

Renewal Reminders
- Request renewal for **Lisinopril**
- Request renewal for **Coumadin®**

+ Request Renewal

The user can hover over the *question mark (?)* icon to see a reason for the alert.



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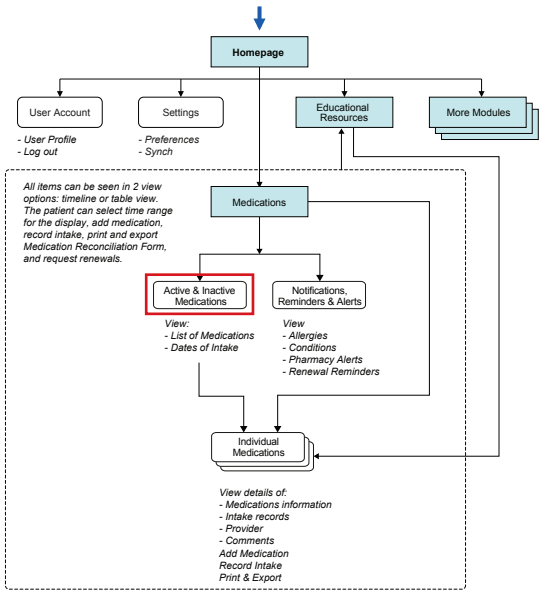
MEDICATIONS: EXPORT MEDICATION HISTORY

The user has an option to export his medication history (or *Medication Reconciliation Form*) by clicking the "Export" button in the top menu bar. A popup window will appear where the user can select from a variety of options, including the file type. The user clicks "Export" to finish.



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MEDICATIONS: EXPORT MEDICATION HISTORY (CONTINUED)

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Medications

You have 2 medications you need to refill now or soon.
Learn more about Medication: Educational Resources

Search Medications

Medication History

+ Add Medication | Show All Requests | Print | Export | View: All Meds | Time Range: 1w 1m 1y All Custom

Medication Name / Dosage	Prescription #	Type	Sig / Directions	Refills Left	Renewal Status	Last Filled Date	Pharmacy
Lisinopril (Prinivil/Zestril) – PO 40mg Tab	NB8454995	Prescription	Take one every day	0 of 3	Ready	May 25, 2011	Pharmacy
HCTZ (Esidrex/Oretic) – PO 25mg Tab	NB3130868	Prescription	Take one every day	3 of 3	---	May 8, 2011	Pharmacy
Warfarin (Coumadin®) – PO 5mg Tab	6166937	Prescription	Take one every day	0 of 3	Pending	May 8, 2011	Pharmacy
Acetaminophen (Tylenol® PM)	---	OTC	---	---	---	Apr 12, 2011	Walgreens
Ferrous Sulfate – PO 325mg Tab	6167618	Supplement					Walgreens
Lipodrene	---	Supplement					GNC
Jiang Ya Pian	---	Herbal					Chinese Natural Herbs
Hoodia Green Tea (Leantain)	---	Herbal					Chinese Natural Herbs

Export Confirmation

Is this information correct for exporting your file?

File Name: IsaacGoodman_MedicationsHistory
Format: Adobe Acrobat 7.0 Document, 278KB

Confirm | Cancel

Updates

- Your renewal request for **HCTZ (Esidrex/Oretic) PO 25mg Tab** was approved

Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions

- Hypertension
- High cholesterol

Pharmacy Alert

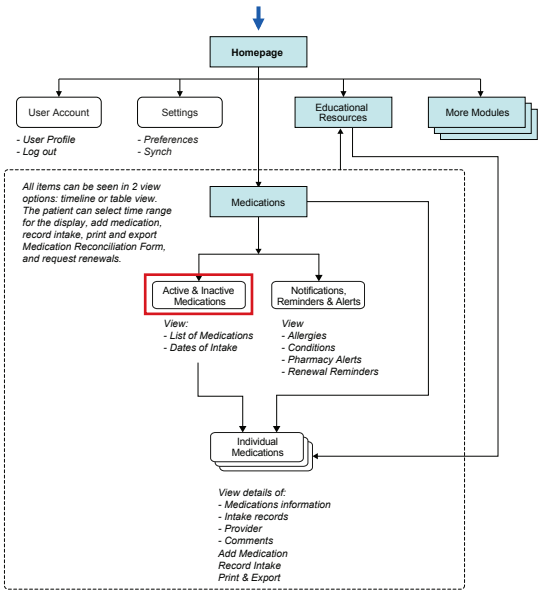
- Medication recall

Renewal Reminders

- Request renewal for **Lisinopril**
- Request renewal for **Coumadin®**

+ Request Renewal

Once the user clicks "Export," he will be prompted with a confirmation window for the file information to be reviewed before finalizing the action. The user clicks the "Confirm" button.



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MEDICATIONS: EXPORT MEDICATION HISTORY (CONTINUED)

Healthboard

Medication Reconciliation Form

Patient Name: Isaac Goodman
Today's Date: May 25, 2011

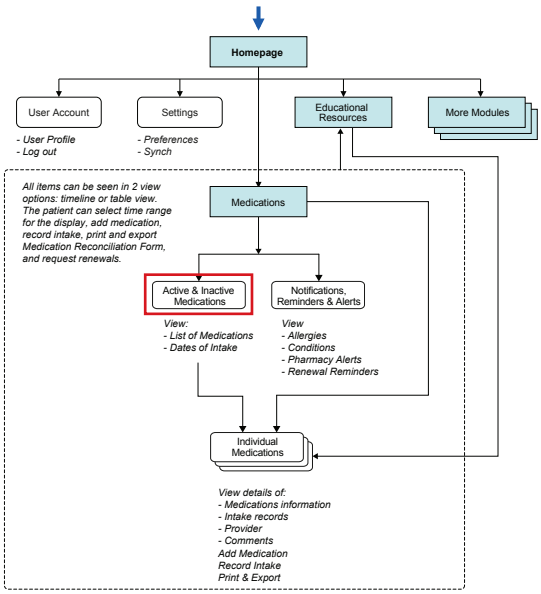
Allergies & adverse drug reactions:

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Active Medication List:
All medications patient was taking at time of admission.

#	Medication Name / Dosage	Type	Sig / Directions	Last Dose (Date/Time)
1	Lisinopril (Prinivil/Zestril) – PO 40mg Tab	Prescription	Take one every day	May 25, 2011
2	HCTZ (Esidrex/Oretic) – PO 25mg Tab	Prescription	Take one every day	May 25, 2011
3	Warfarin (Coumadin®) – PO 5mg Tab	Prescription	Take one every day	May 25, 2011
4	Acetaminophen (Tylenol® PM)	OTC	As needed	May 10, 2011
5	Ferrous Sulfate – PO 325mg Tab	Supplement	Take one every day	May 25, 2011
6	Lipodrene	Supplement	Take one every day	May 25, 2011

The user's medication history (or *Medication Reconciliation Form*) is exported.



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Exercise

INTRODUCTION This section of the Detailed GUI Volume documents the design of the Patient Portal's *Exercise* function set for the Visual Dashboard for a Patient Centered Medical Home (PCMH). The documentation includes both workflow diagrams and visual models: the workflow diagrams detail the user experience and interactions within this module, and the visual models present graphic assets and elements within this module.

The following are high-level objectives for *Exercise:*

- To allow the user to track and report physical activities and status/results of Physical Readiness Test (PRT).
- To facilitate preparedness and outcomes of Physical Readiness Test (PRT).
- To provide friendly reminders to patients for physical activities and therapeutic services ordered or recommended by providers.

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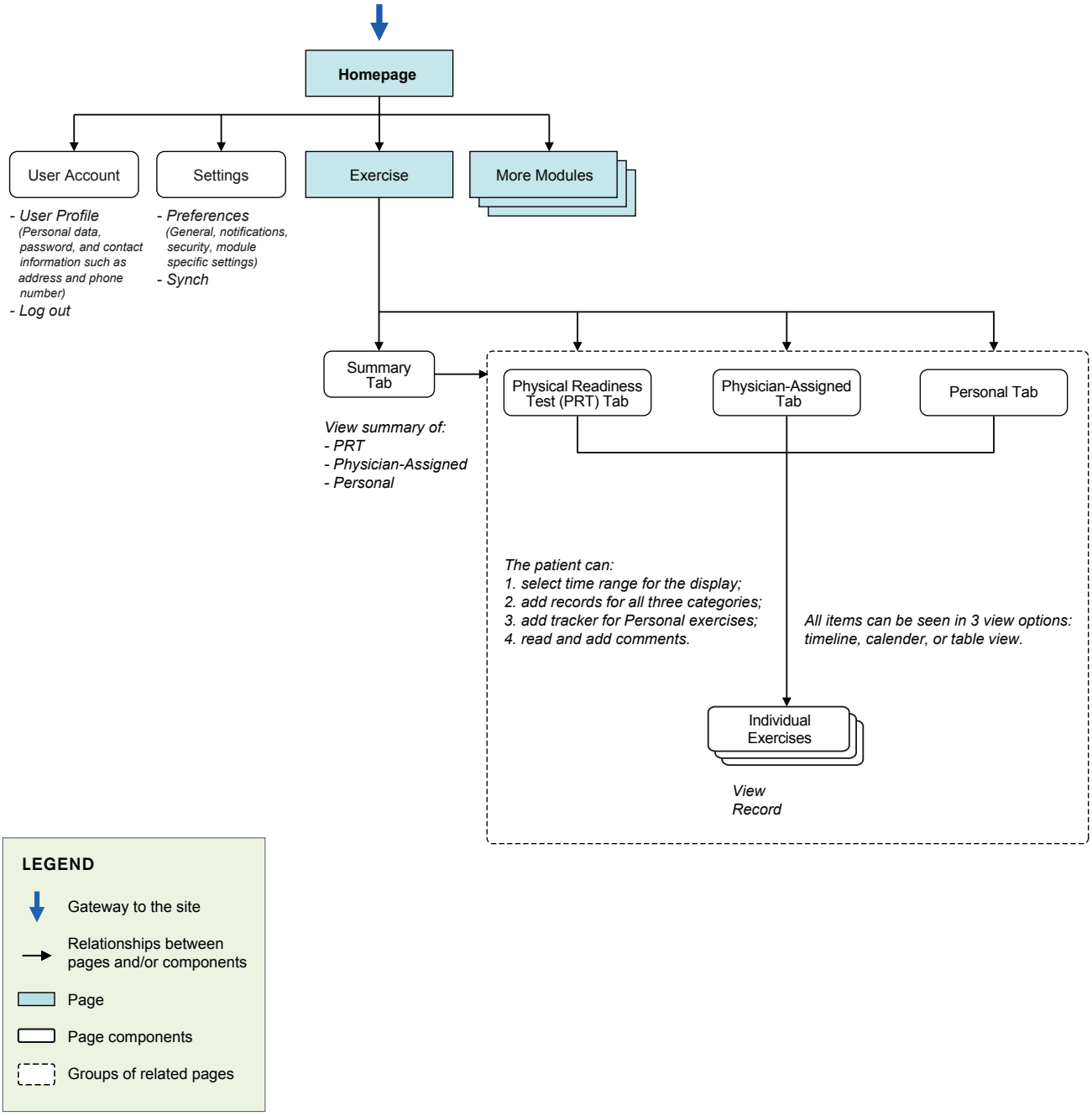
FLOWCHART FOR EXERCISES MODULE



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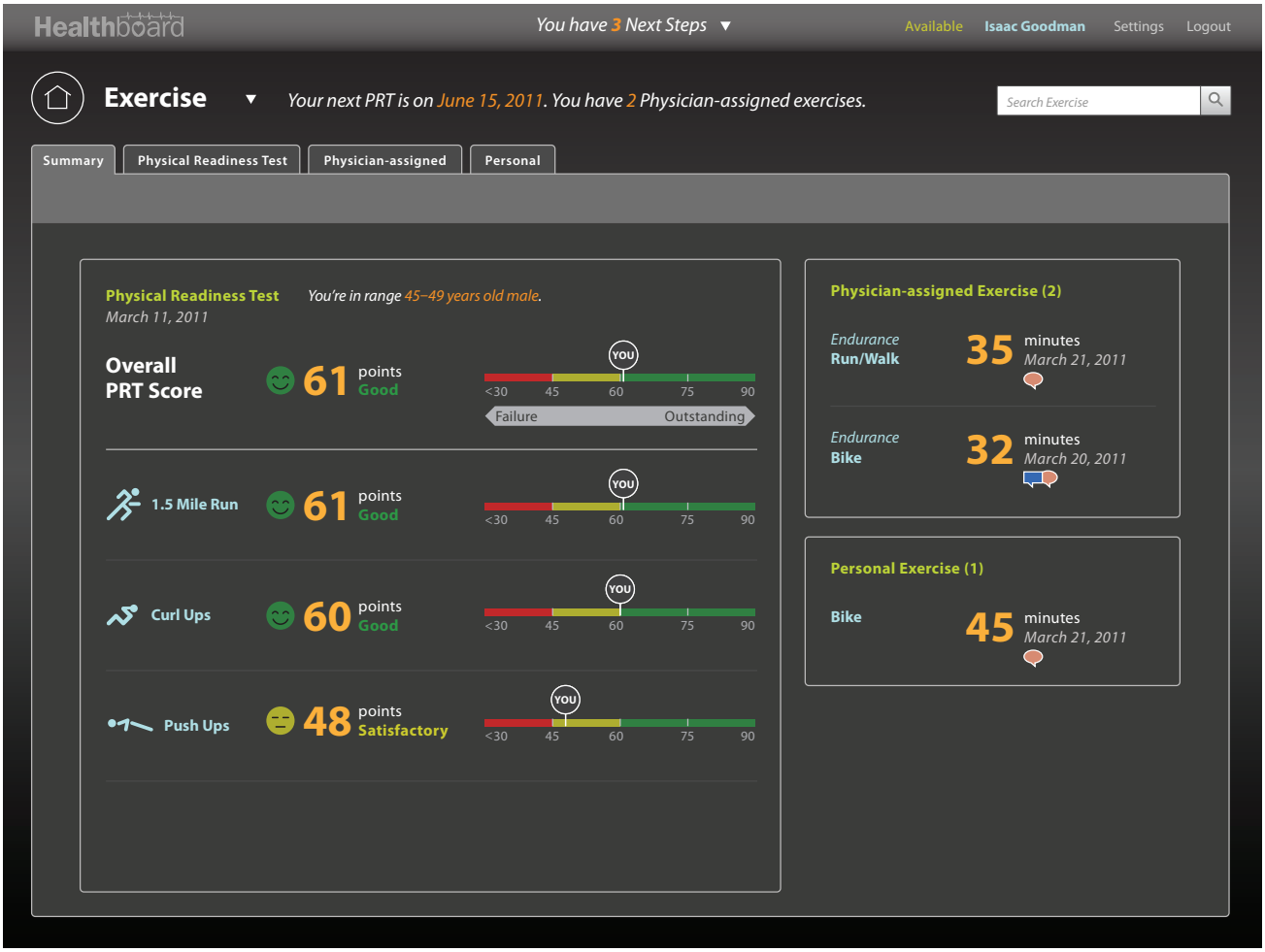
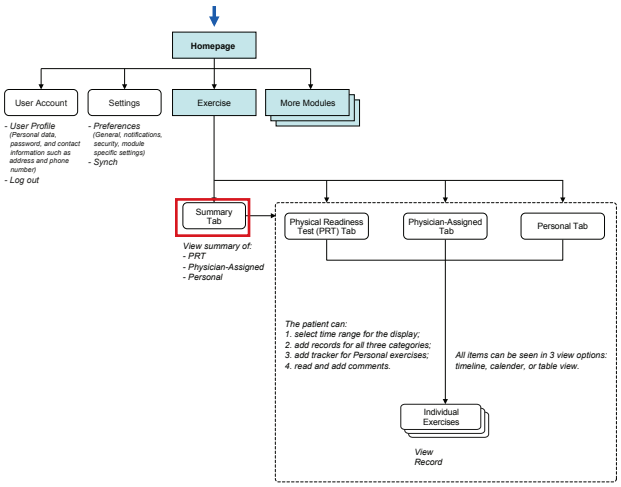
EXERCISE: SUMMARY VIEW



This is the landing screen of Exercise where the user can access the summary of Physical Readiness Test (PRT), activities assigned or recommended by the physician, and all other activities.

The colored bars gives a quick overview of the user's performance in each category of Physical Readiness Test (PRT), marking the progress with a circular label "YOU." he colored codes represent the performance levels: red for failure, yellow for warning, and green for outstanding. The performance is also indicated by the smiley face and points indication.

Physician-assigned Exercise and Personal Exercise show most recent entries. The speech bubble icons appear as there are associated comments available.



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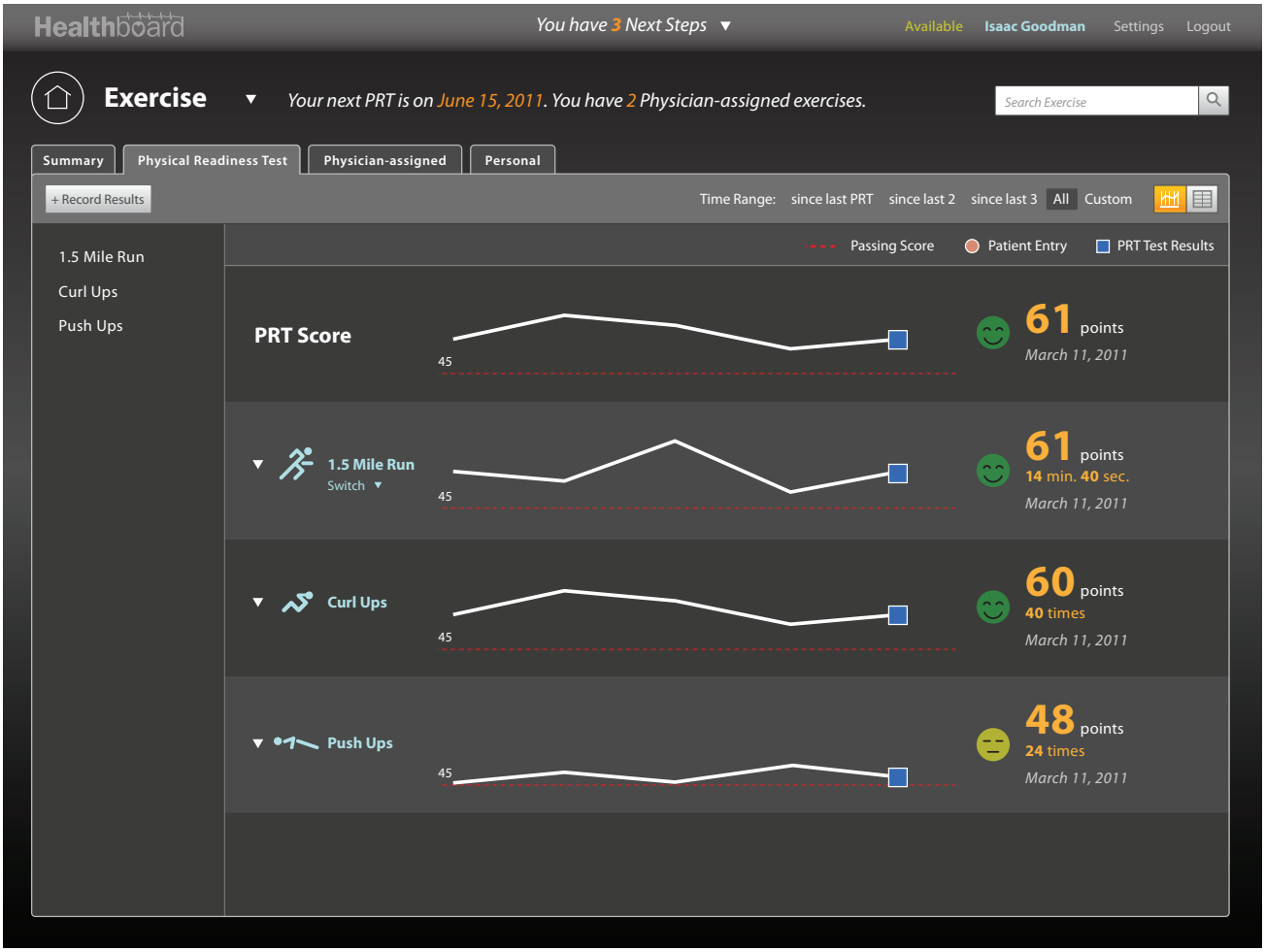
EXERCISE: PHYSICAL READINESS TEST

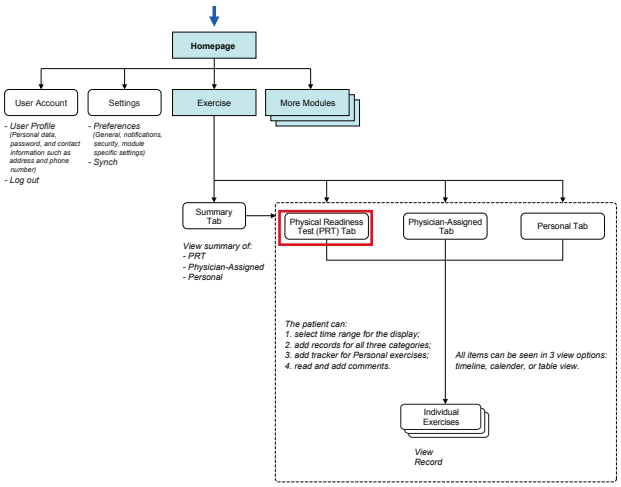


The user clicks on "Physical Readiness Test" tab to switch view. This screen shows the summary of all of the user's PRT records. The sparklines give the user a quick overview of the trends in his PRT results.

In the left column the user sees sub-categories of PRT: 1.5 Mile Run, Curl Ups, and Push Ups. The shape and color of the nodes indicate the data source: provider or patient. The dotted lines indicate goal or the passing score (45 points).

The numbers on the right show the most recent records of each item. The icons and points indicate the performance level of the user; the default passing score goal is 45.

Though there may be multiple data entries, only one node is shown at once. The user can hover to view past entry nodes.



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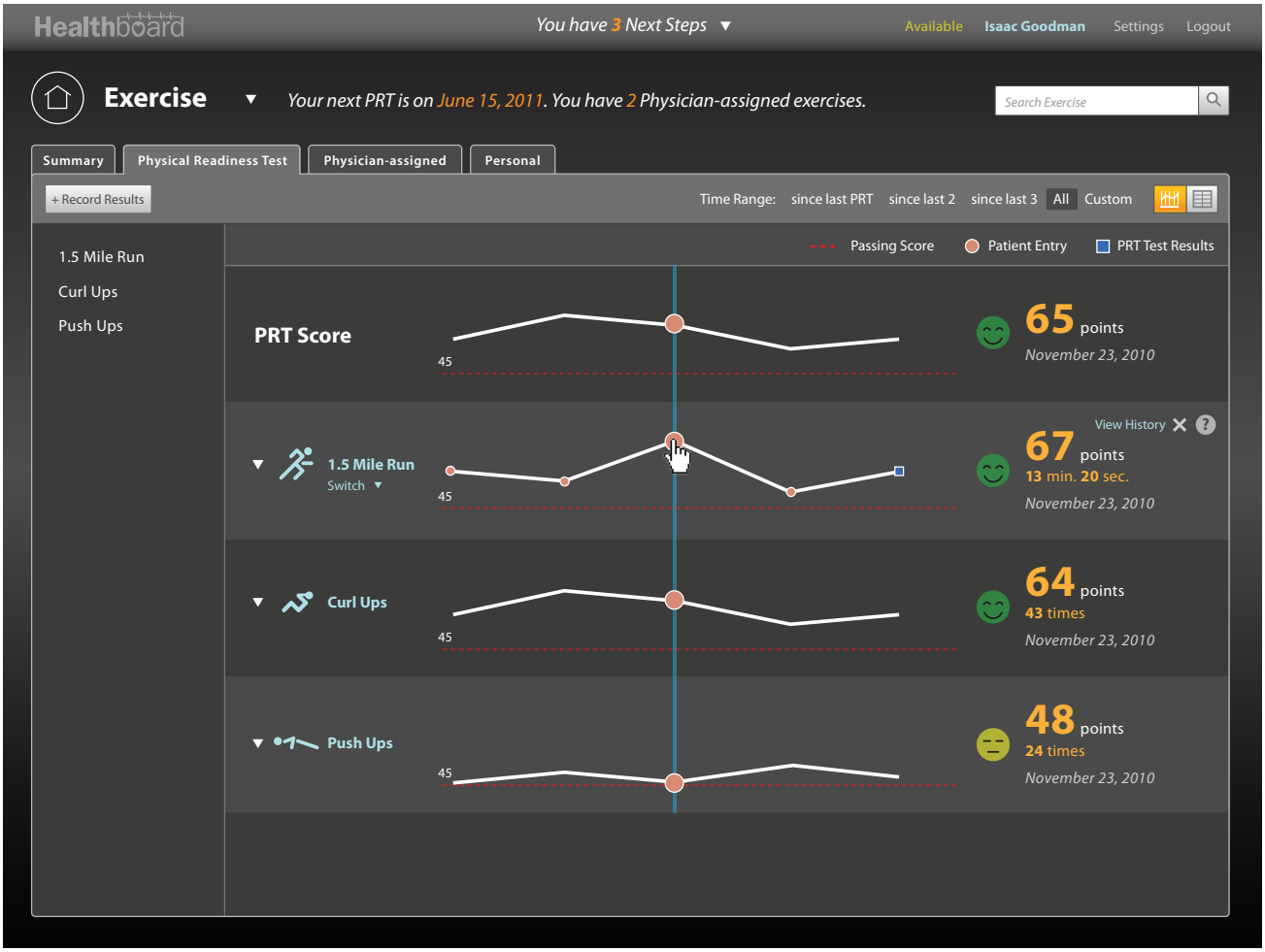
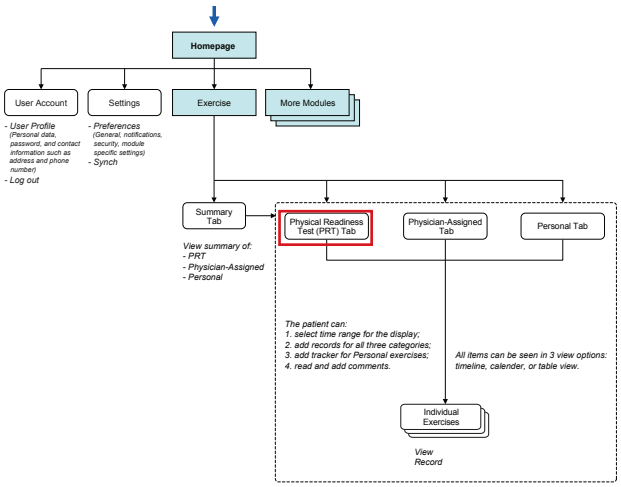
EXERCISE: VIEWING THE PHYSICAL READINESS TEST RESULTS HISTORY



As the user moves the cursor along the graph, the synchronous nodes on the other tracker sparklines are highlighted as well. The blue vertical line appears to emphasize those synchronous nodes and also works to indicate where the mouse is. If no node is available on the blue vertical line, the nearest node is highlighted.

In addition, values associated with these nodes are displayed on their right. When the user mouses off, the highlighted nodes revert to the most current.



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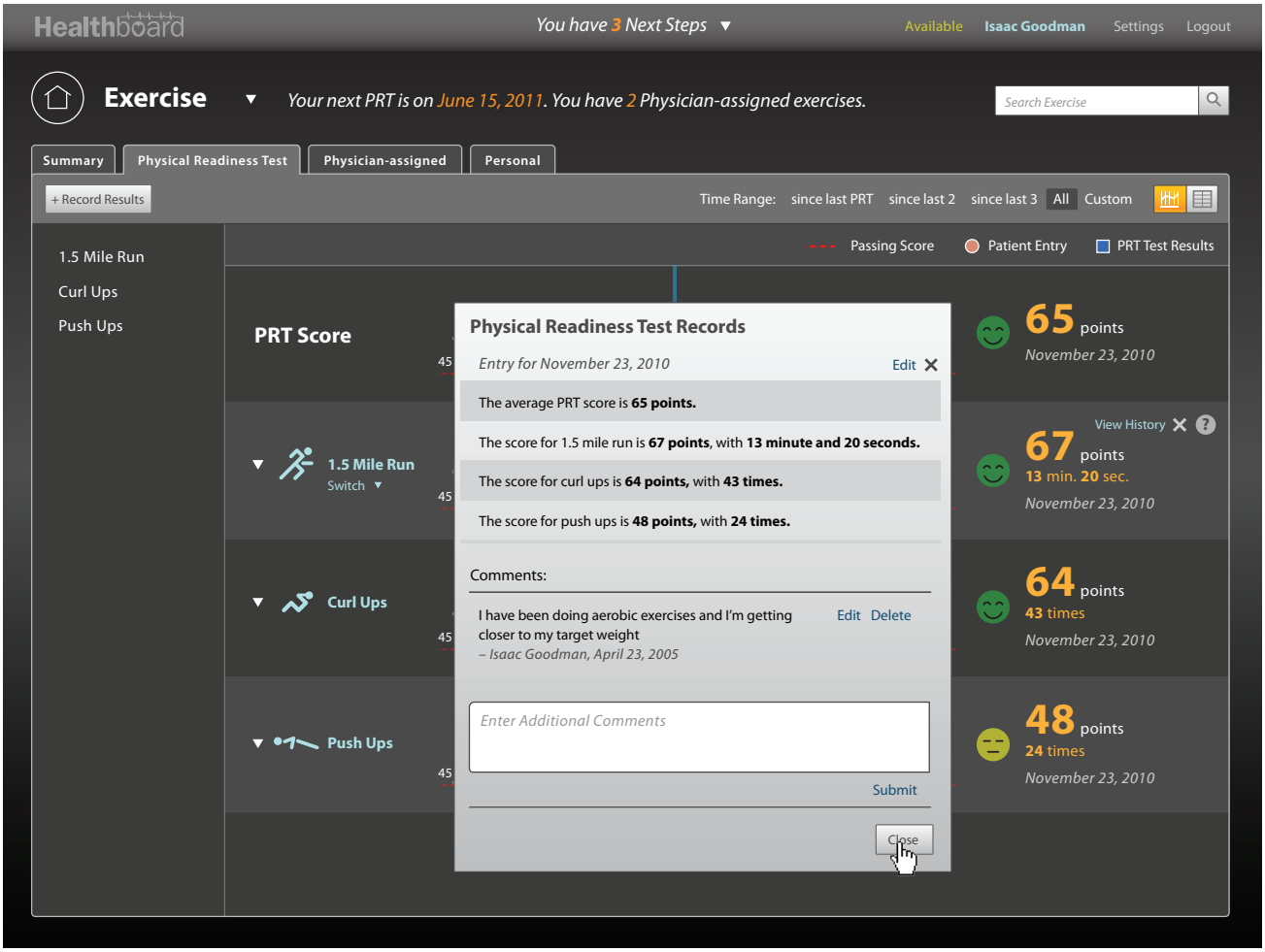
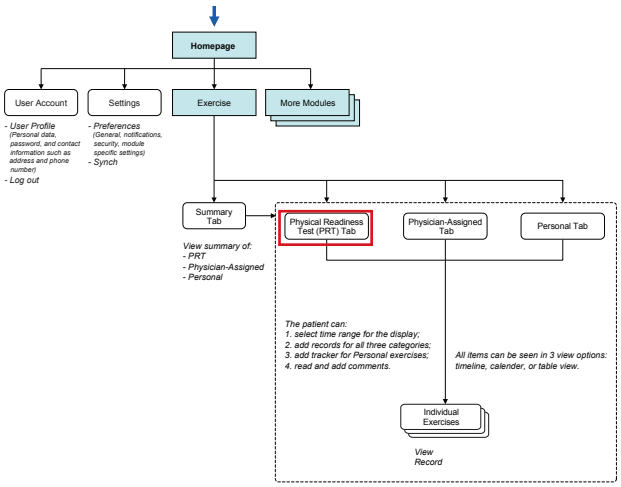
EXERCISE: MODIFYING THE RECORD



The user can view the records in text and comments (if any) by clicking a node. The use can also modify the records by clicking the "Edit" link. Note that the user can only modify his own entry, not entry by military officials.

The user clicks "Close" button.



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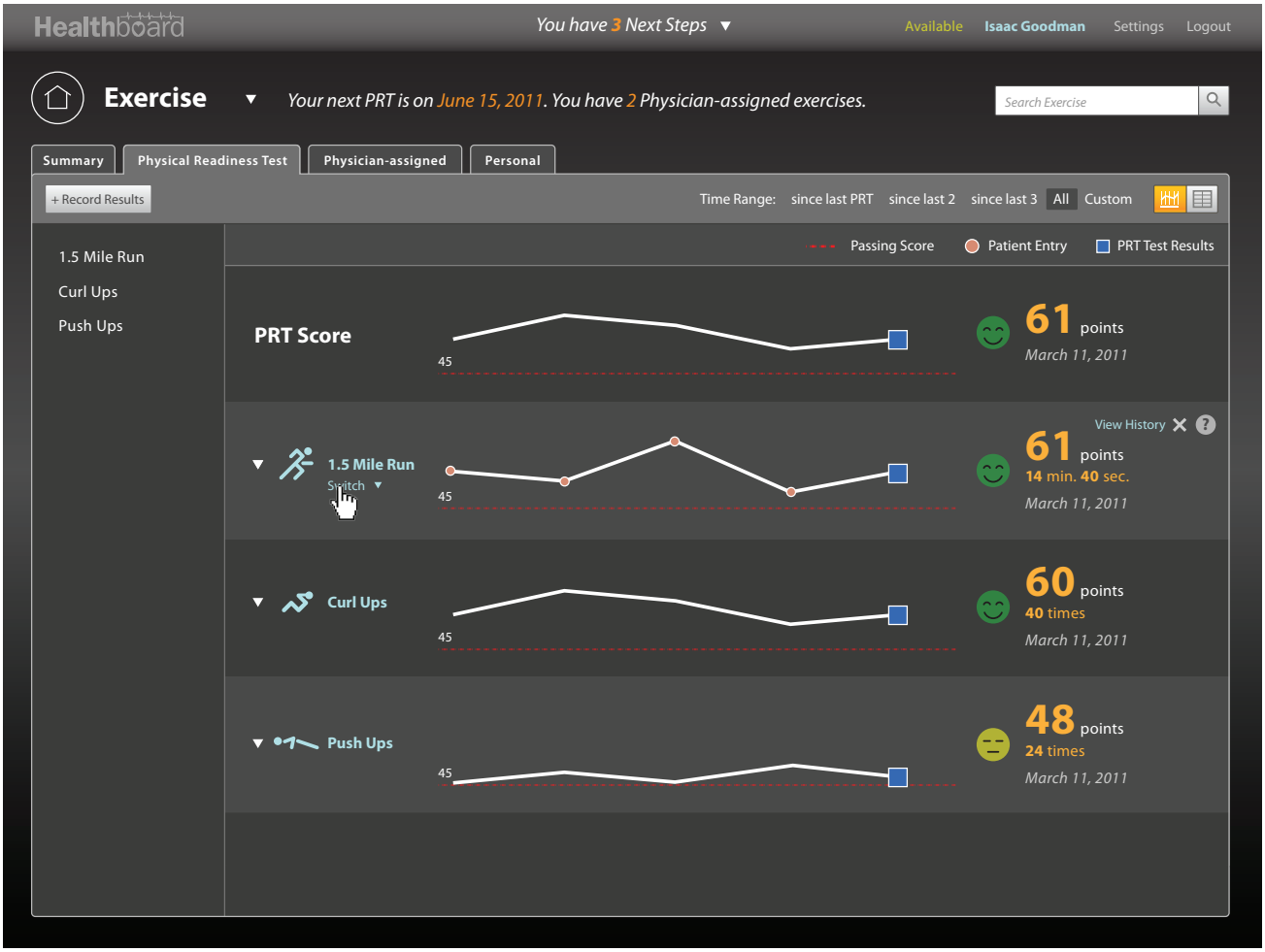
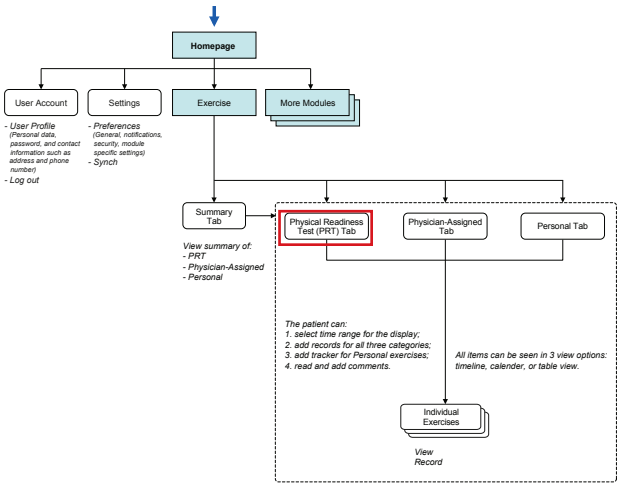
EXERCISE: SWITCH EXERCISE



For "1.5 Mile Run," the user can switch to alternative tests. The user clicks the "Switch" button.



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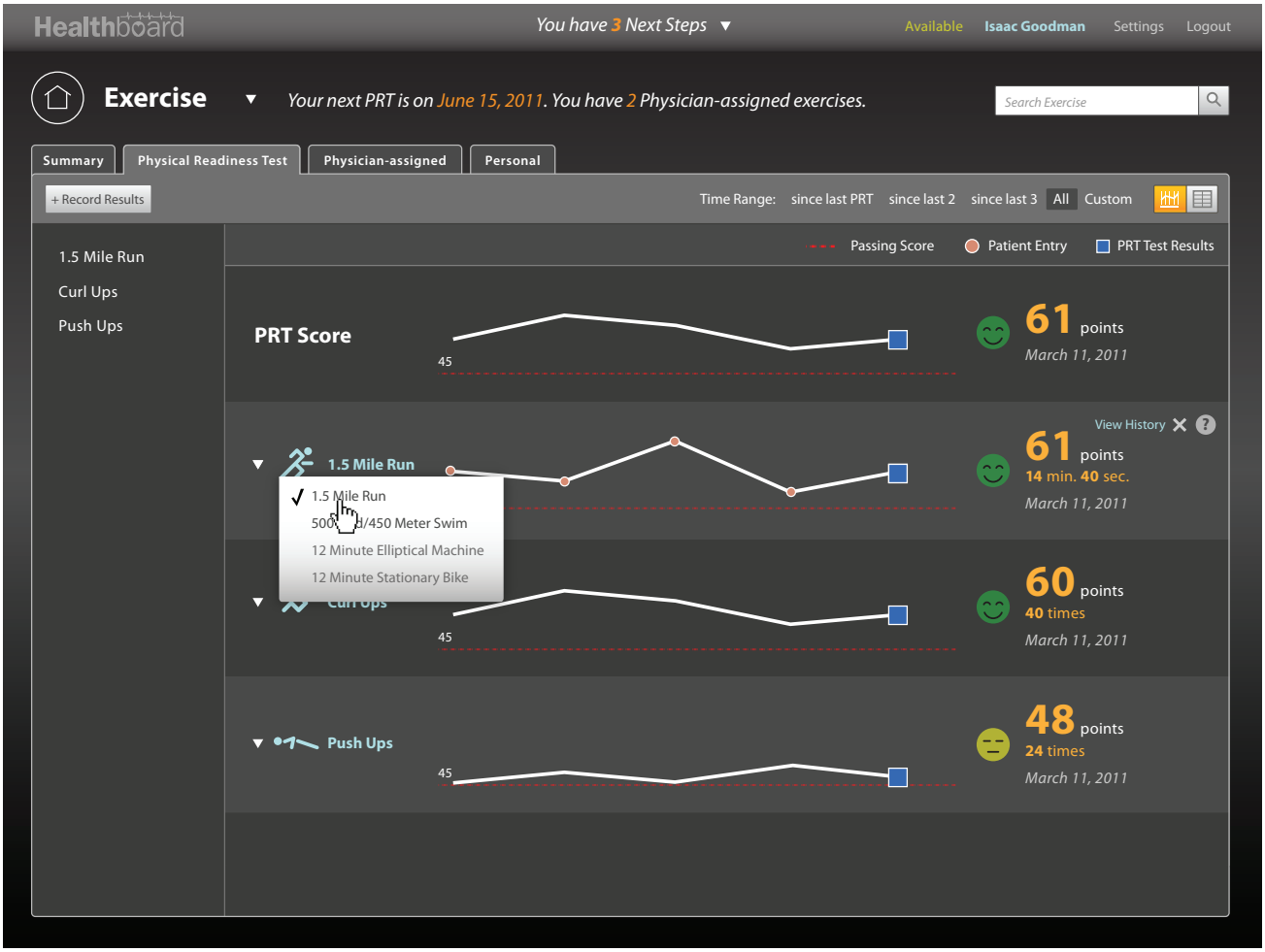
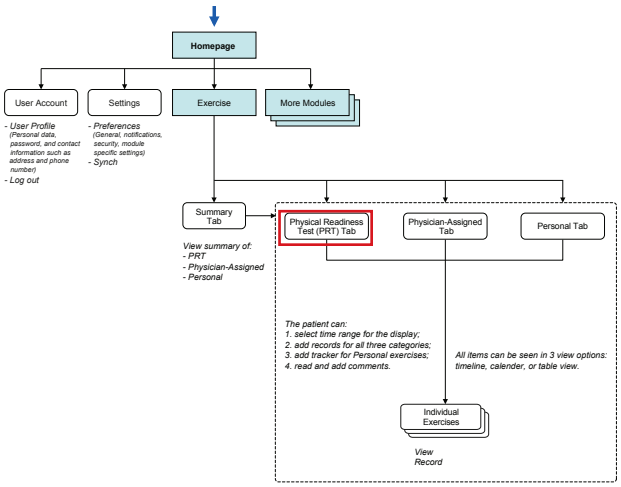
EXERCISE: SWITCH EXERCISE



A drop down menu for alternative tests appears. Those tests include: "500 Yard/450 Meter Swim," "12 Minutes Elliptical Machine," or "12 Minute Stationary Bike." If there is no records available, the option is greyed out.



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EXERCISE: HELP

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Exercise — Your next PRT is on June 15, 2011. You have 2 Physician-assigned exercises. | Search Exercise

Summary | Physical Readiness Test | Physician-assigned | Personal

+ Record Results | Time Range: since last PRT | since last 2 | since last 3 | All | Custom

1.5 Mile Run
Curl Ups
Push Ups

Passing Score | Patient Entry | PRT Test Results

PRT Score — 61 points, March 11, 2011

1.5 Mile Run (Switch) — View History — 61 points, 14 min. 40 sec., March 11, 2011

Curl Ups — 60 points, 40 times, March 11, 2011

Push Ups — 48 points, 24 times, March 11, 2011

Would you like to learn more about 1.5 Mile Run?

PRT 1.5 Mile Run

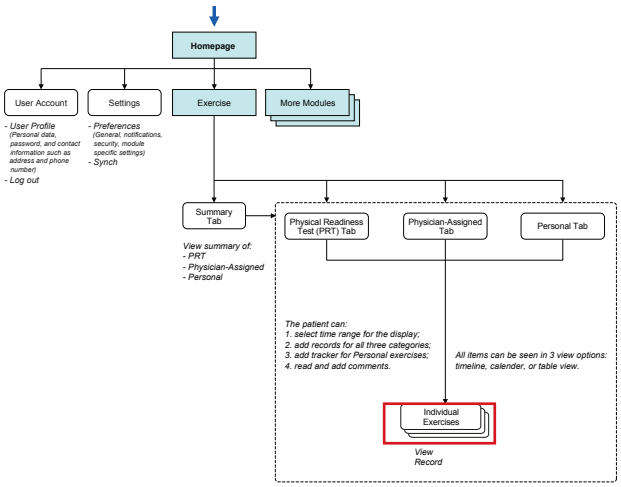
The Physical Readiness Program requires the completion of a 1.5 mile run or walk, the definitive assessment of cardiorespiratory fitness.

Beginning with the spring 2007, use of the elliptical trainer is approved as an alternate cardio respiratory test option for the 1.5 mile run. As with the swim and treadmill, authorization to test using the eliptical trainer is at the discretion of the CO/OIC.

Scoring: Different PRT standards apply based on the age and gender. Download the Navy PRT/PFA instruction (July 2011) here.

Close

The user can learn about a test by clicking Help (?) icon in the top right corner. This screen shows the detail description of "1.5 Mile Run" test. The user clicks "Close" button.



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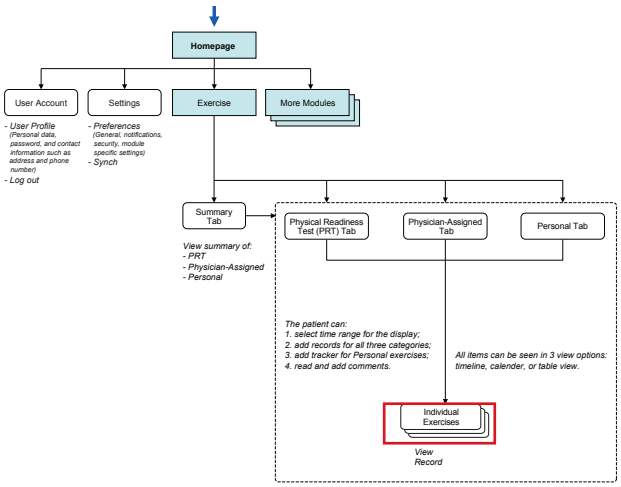
EXERCISE: 1.5 MILE RUN DETAIL VIEW

This screen shows the detailed view of "1.5 Mile Run" tracker. The detailed graph view is useful for understanding the trends in history, and comparing the user's status with the goal and references. In this view the user can also see who has entered which record, indicated by the shape of nodes.

The most recent data entry appears on the top with the associated date, as well as the difference in values compare to the last entry. The triangle icon indicates the increase/decrease in values. The color, red, indicates that the change is unfavorable.

In addition, the background color of the graph is indicates ranges of performance level. The color green indicates good, and the red indicates unfavorable.



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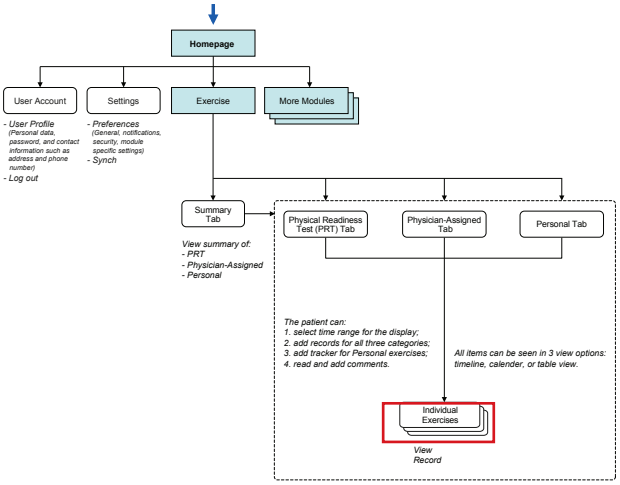
EXERCISE: EDIT GOAL

The patient can edit their personal goals for an exercise. The user can either type in the target points/time, or slide the cursor to edit his goal. When the user updates either points or time, the other attribute gets adjusted automatically. The goal range is determined based on the US Navy Physical Fitness Standards. The user can also set the deadline for goal. For PRT exercises, the default setting is Next PRT. The user clicks "Update" button.



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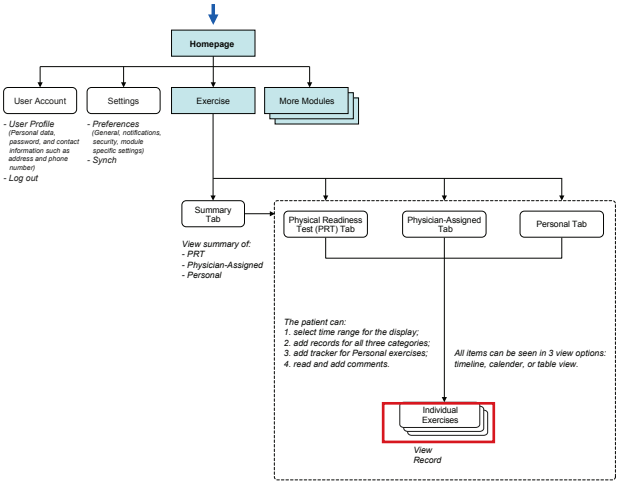
EXERCISE: EDIT GOAL

The patient must choose from having the goal achieved by the Next PRT or enter the due date of the newly set goal.



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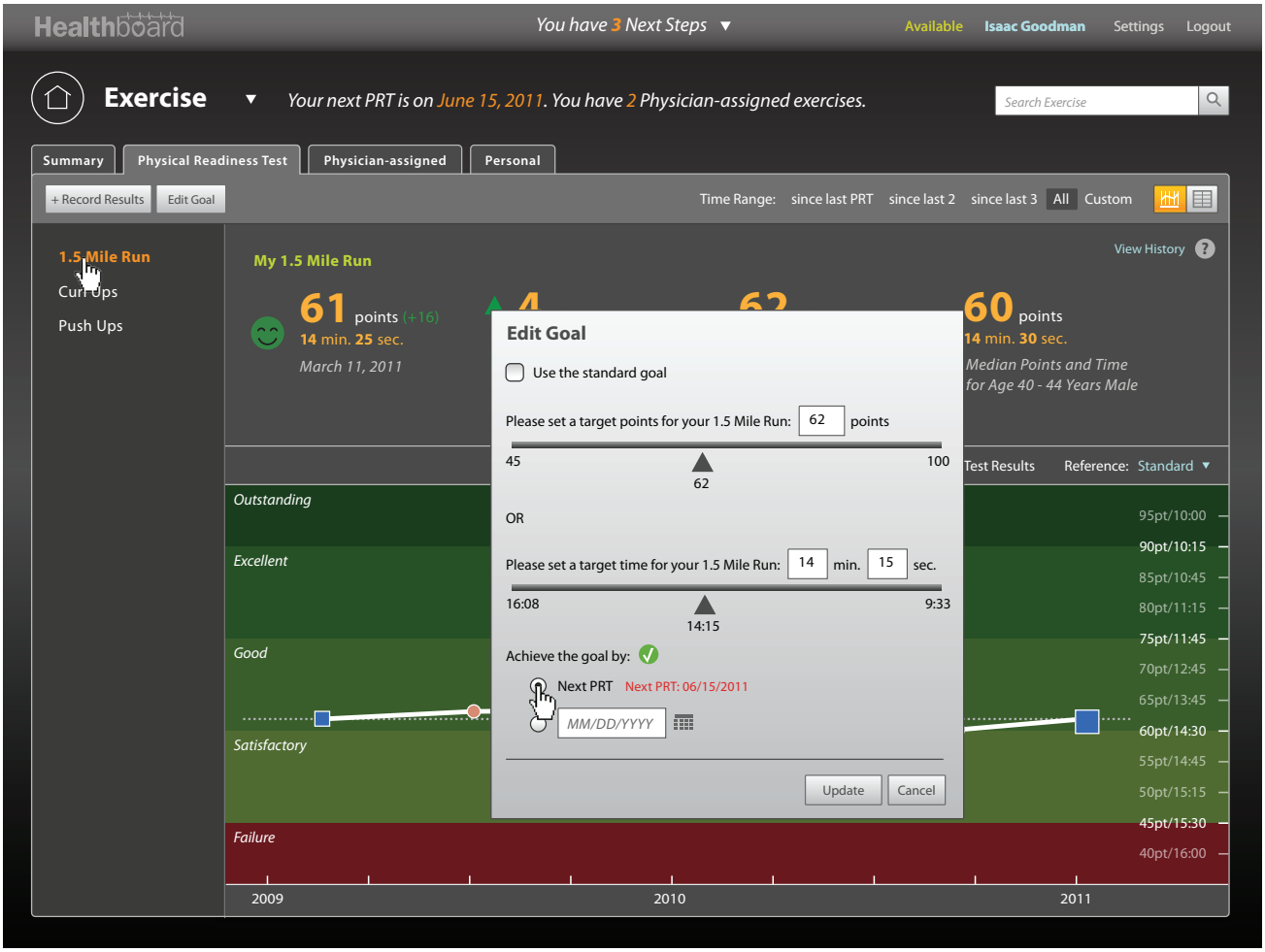
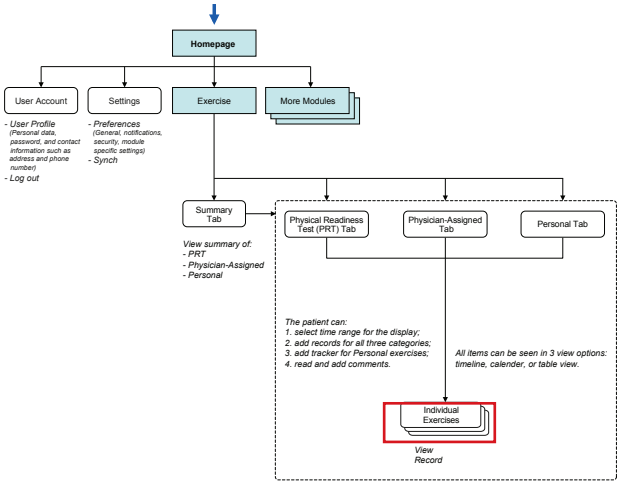
EXERCISE: EDIT GOAL



The patient choose the date of the Next PRT.



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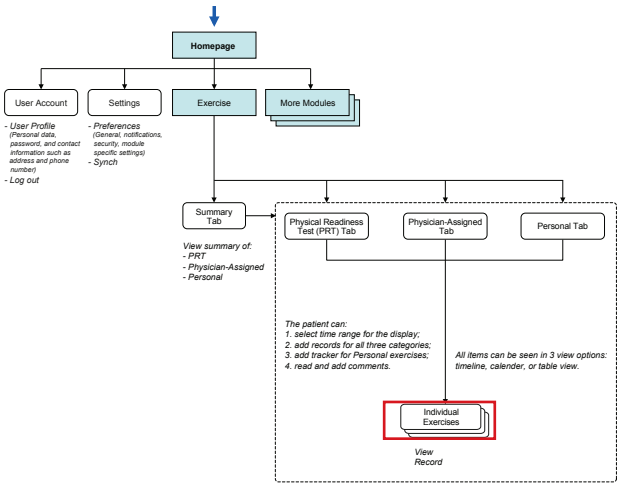
EXERCISE: UPDATED GOAL

A red line that indicates the deadline for updated goal appears in the graph. The exact date is also shown. Although, the deadline can be six months or a year later, the red line appears only if the deadline occurs within the next three months. The red line will not be visible till later.



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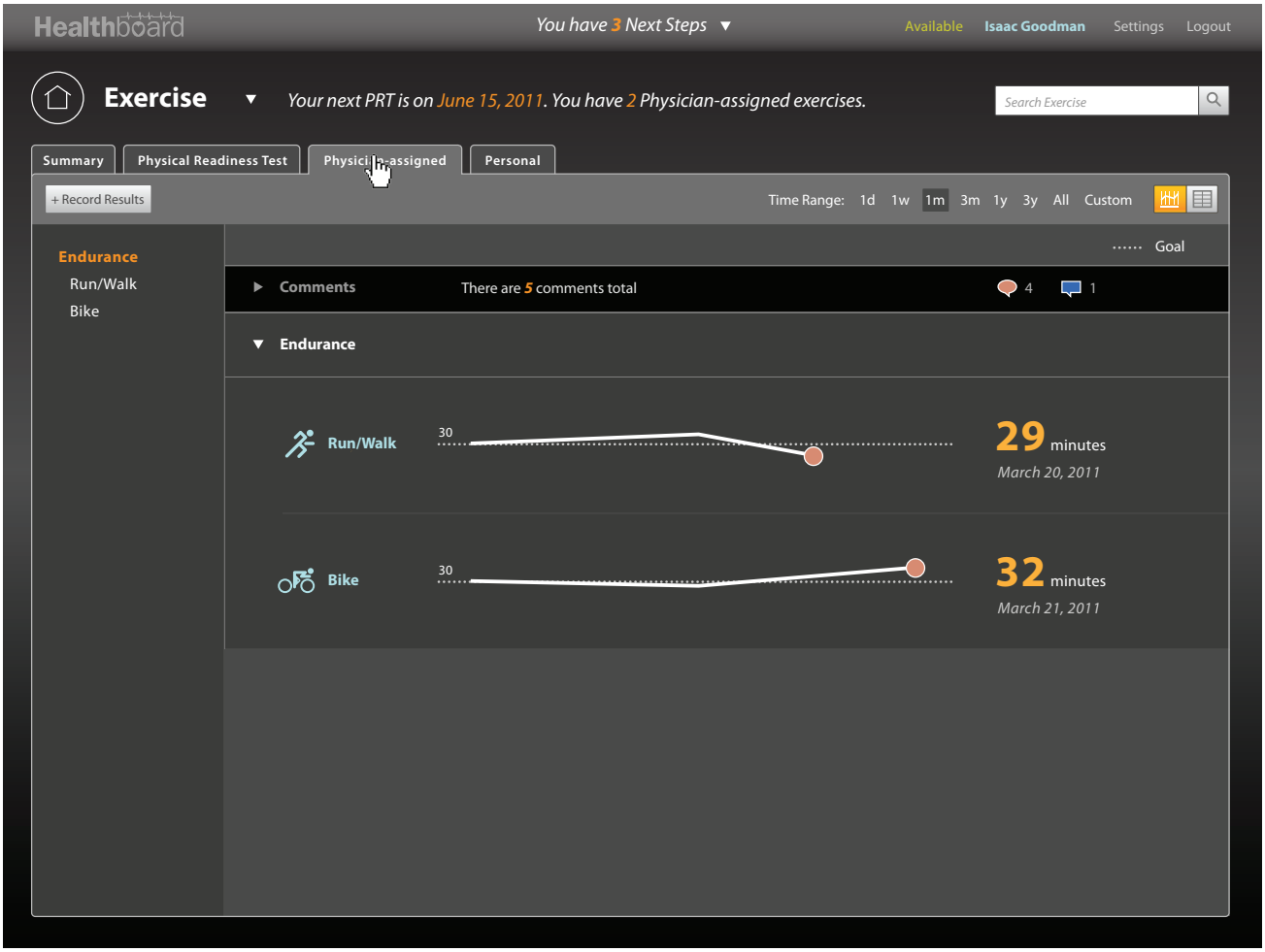
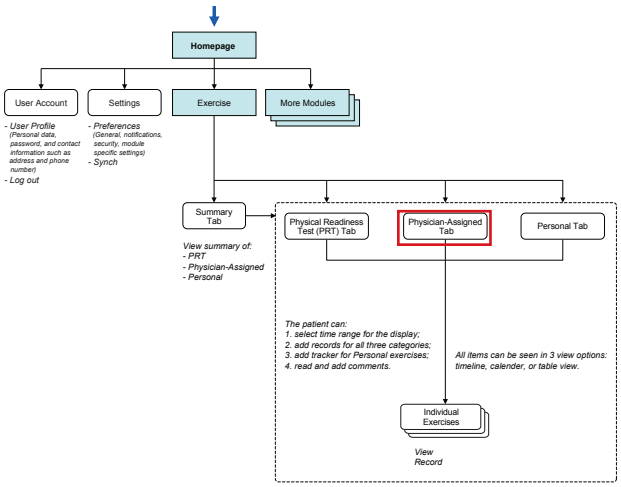
EXERCISE: PHYSICIAN-ASSIGNED EXERCISES



The user clicks on "Physician-assigned" tab to switch view. This tab shows fitness programs assigned by the provider. These programs include aerobic exercises and strength training. The last row shows comments made by either the patient or provider.



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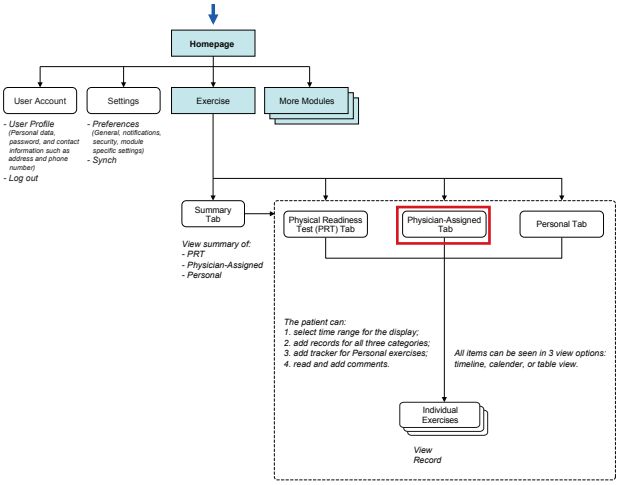
EXERCISE: RECORD RESULTS

The user can enter exercise results by clicking "+ Record Results" button.

The screen switches to the data entry mode. Here the user can enter new values for each items. The selected field is highlighted. "Add Record" and "Cancel" buttons appear at the bottom of the currently selected field. The user can move to the next field using the tab key.

There are two ways that the user can enter data. One is manual entry and the other is by importing data from various exercise recording devices such as sensors, bluetooth, iPod, and USB drive.

The user clicks "Browse file" link.



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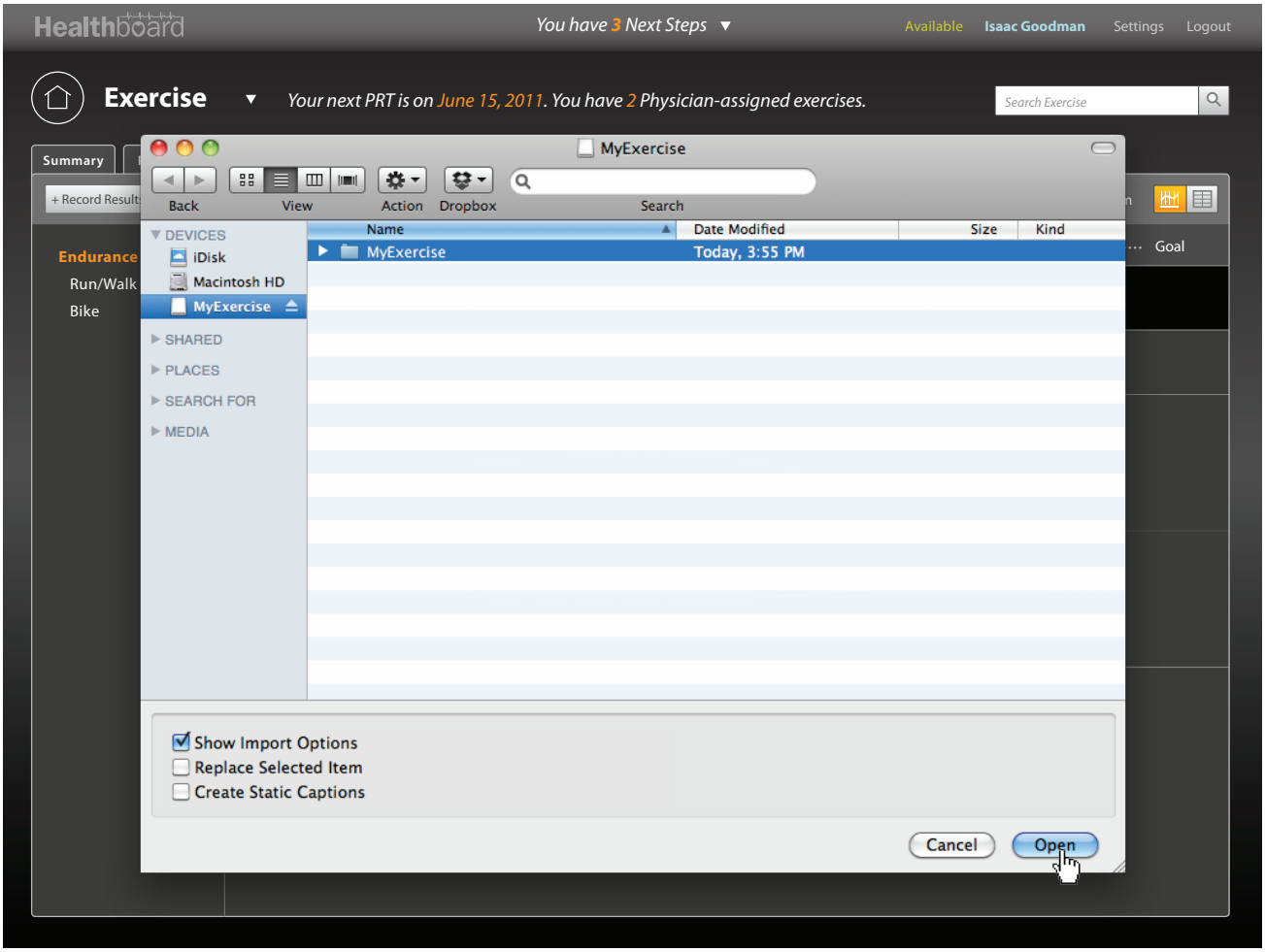
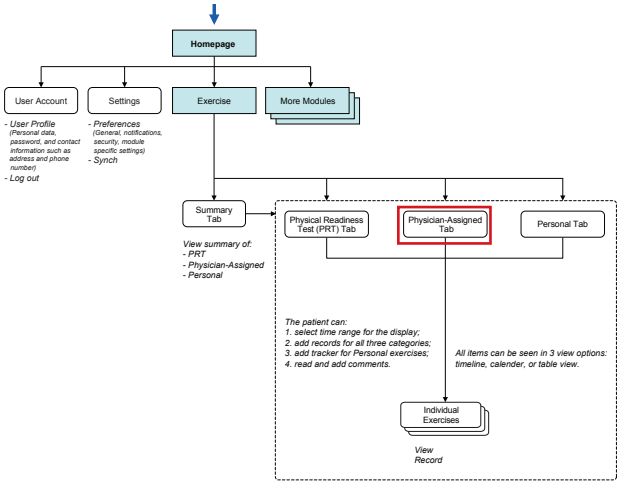
EXERCISE: RECORD RESULTS (BROWSE FILE)



The user is selecting a file to import. The user clicks "Open" button.



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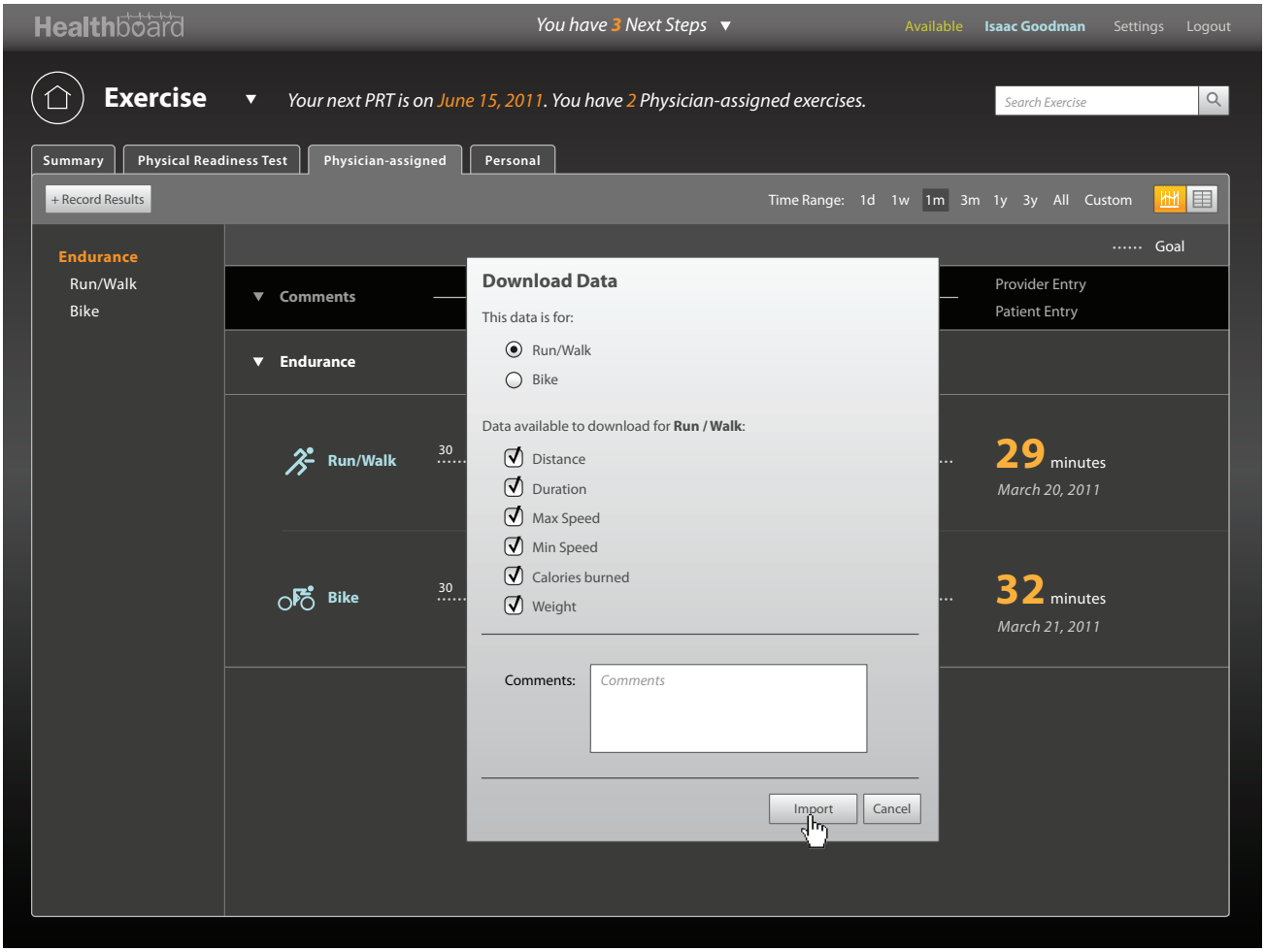
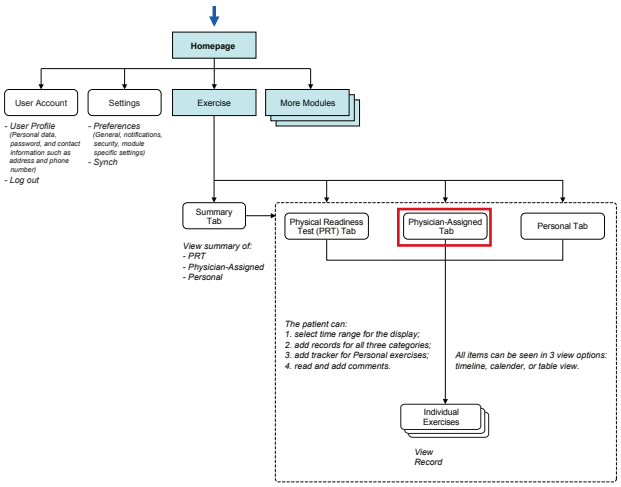
EXERCISE: DOWNLOAD DATA



The user can select what data to import from available, downloadable data. The available data varies depending on a selected recording device. The user can also add a comment. The user clicks "Import" button.



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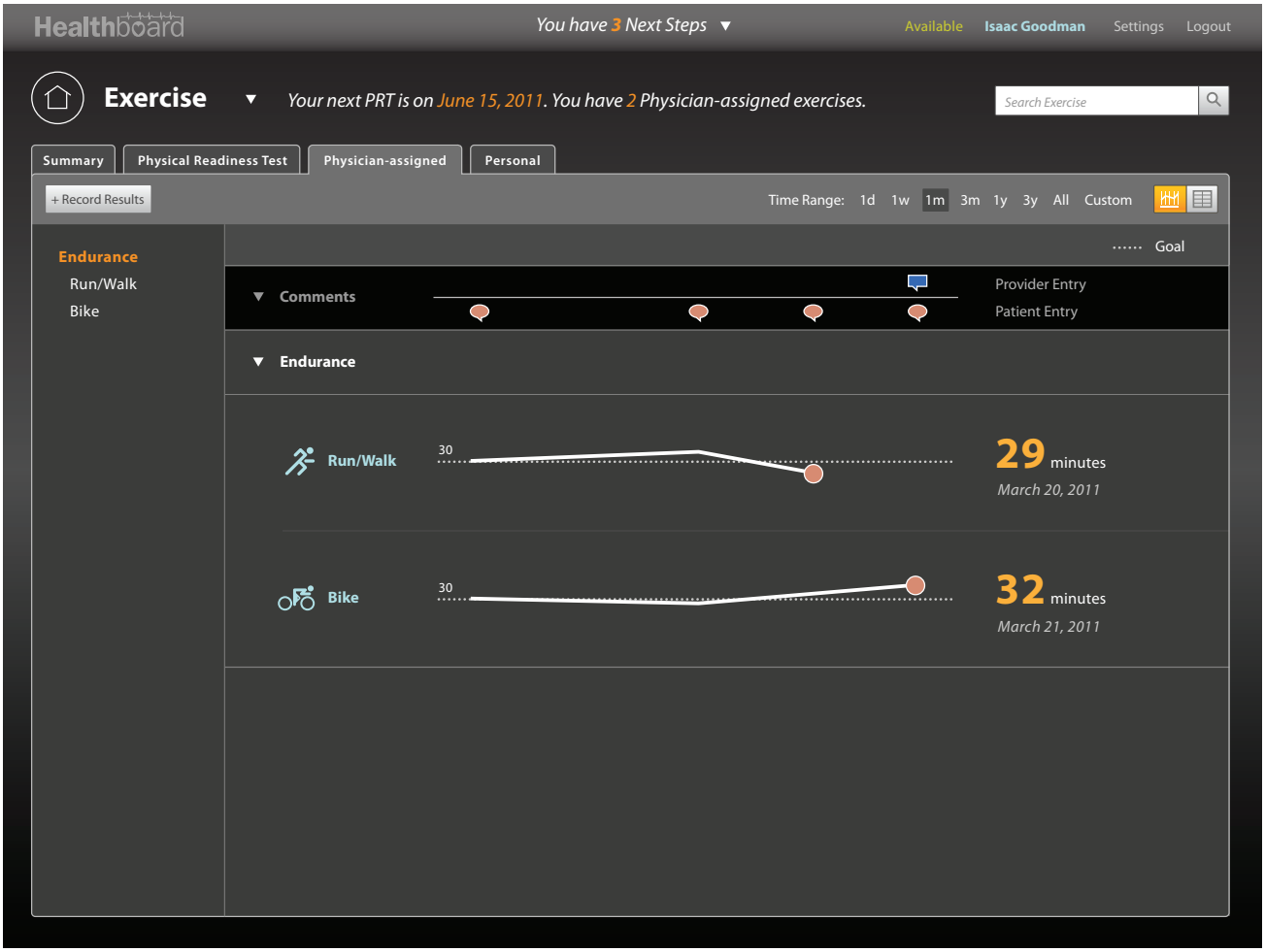
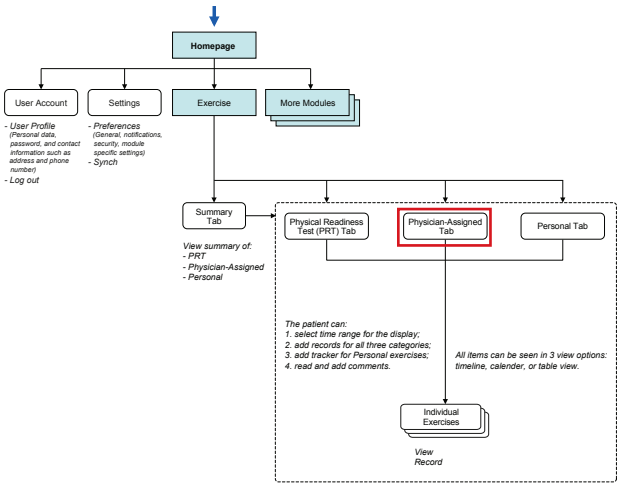
EXERCISE: DATA ADDED



The line graph is updated with the new entry. The newly entered record is indicated by the orange dot.



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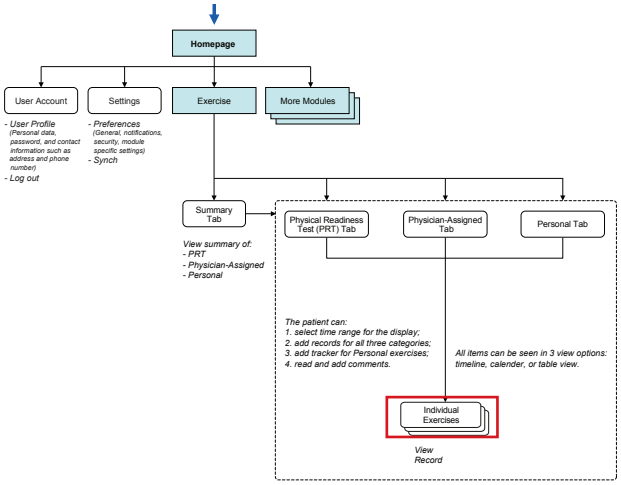
EXERCISE: DETAIL VIEW OF A PHYSICIAN-ASSIGNED EXERCISE

The user can click an item in the left column to navigate through items in "Physician-assigned" tab. This screen shows the detailed view of "Run / Walk" tracker. The detailed graph view is useful for understanding the trends in history, and comparing the user's status with the goal and references.

The metadata for assignee, date of assignment, goals, reasons for assignment are shown on the top. Below the most recent data entry appears with the associated date, as well as the difference in values compare to the last entry. The triangle icon indicates the increase/decrease in values. The color, red, indicates that the change is unfavorable.



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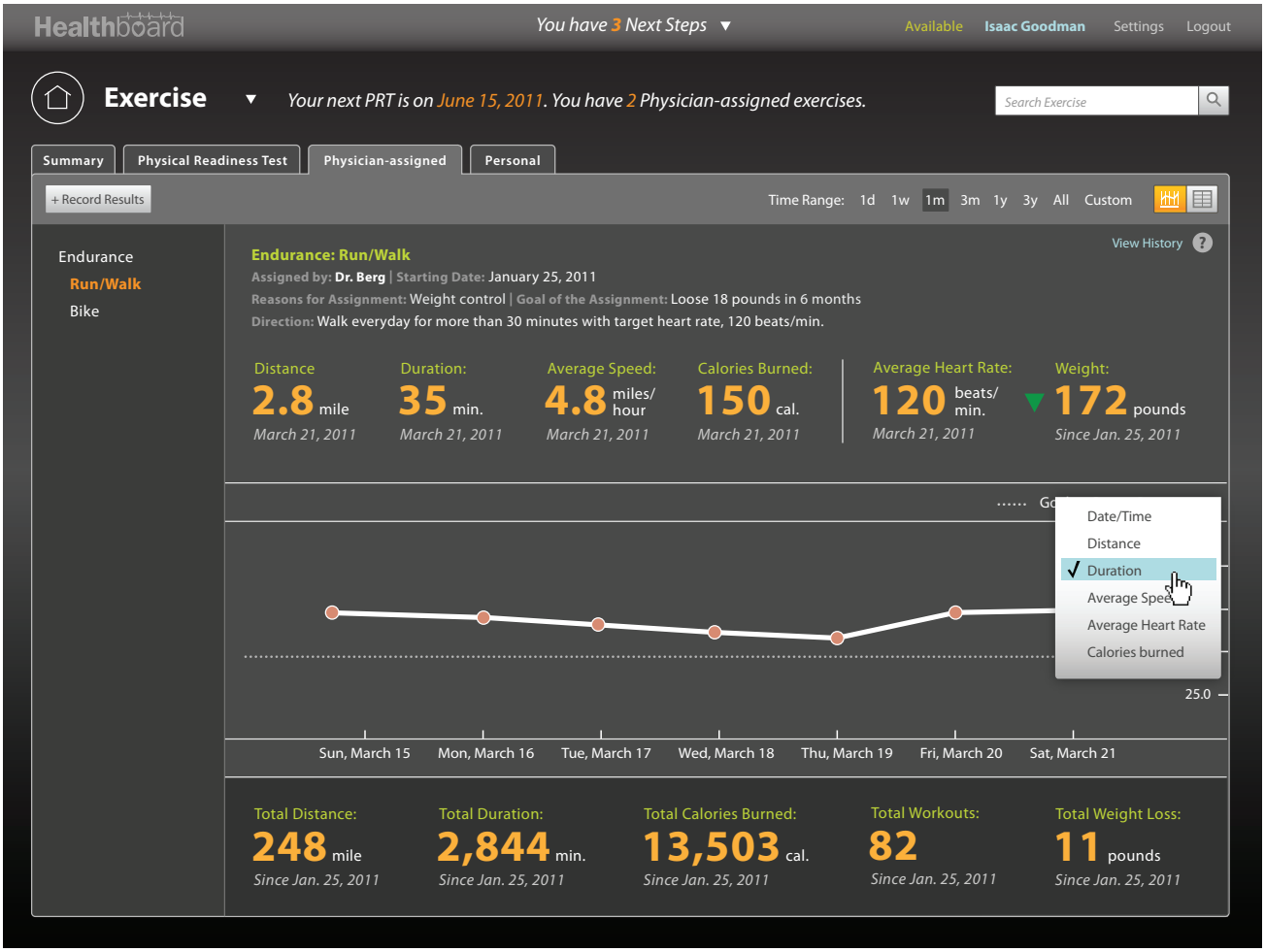
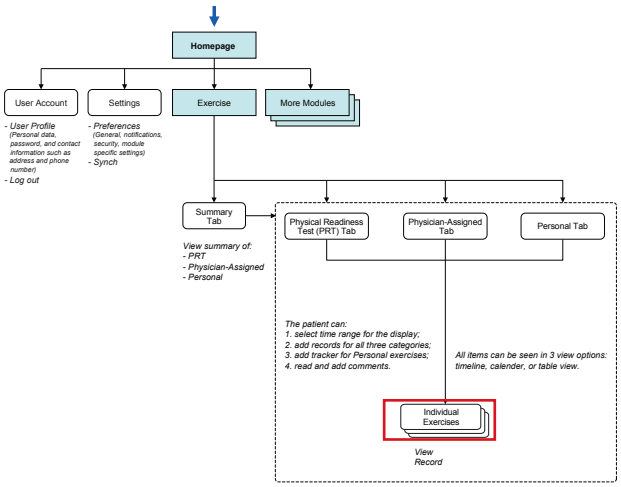
EXERCISE: SWITCH DATA



The user can switch the data to display in the graph. The user can see a list of the available datasets from the dropdown Data menu. “Duration” is currently selected.



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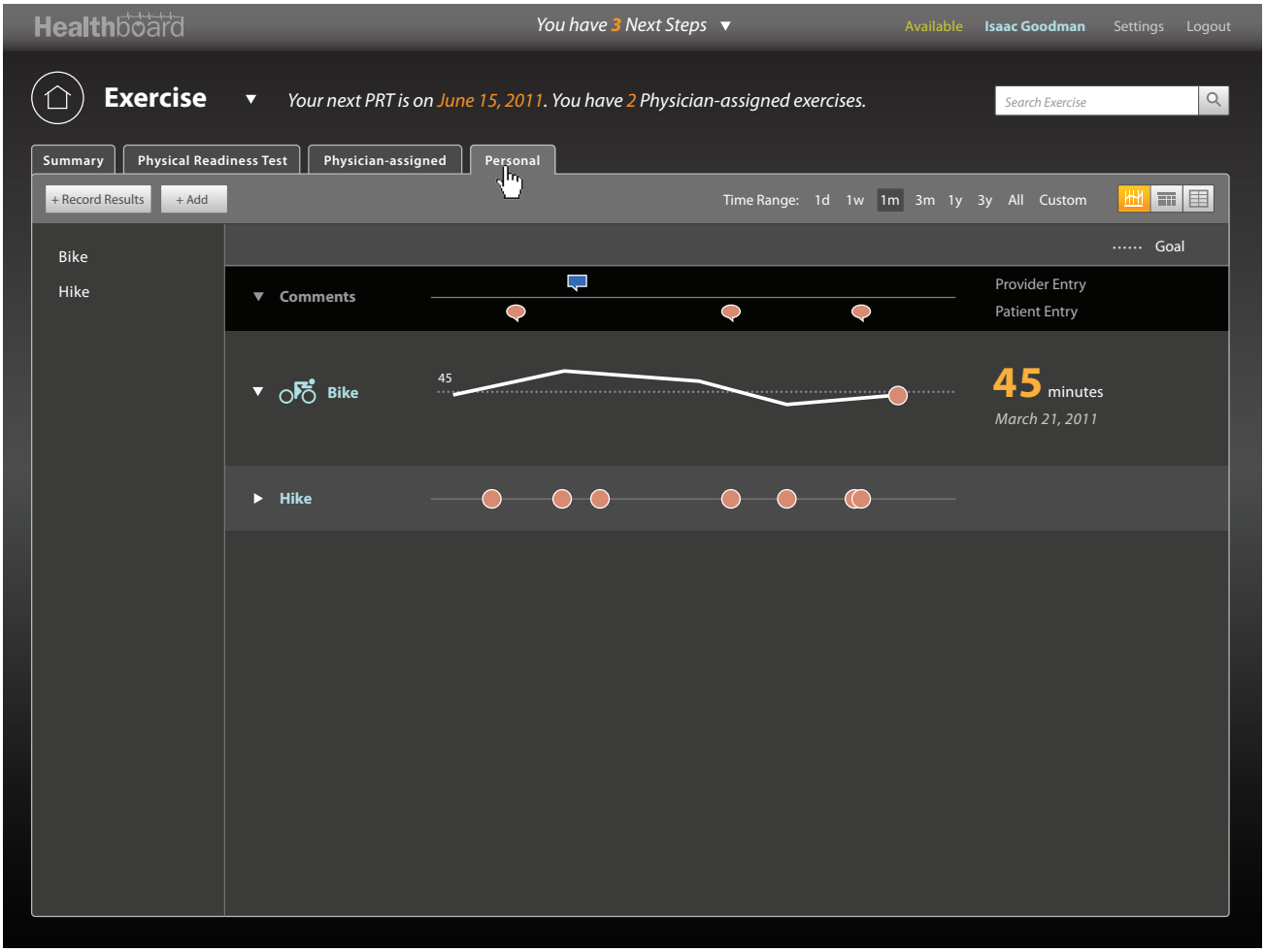
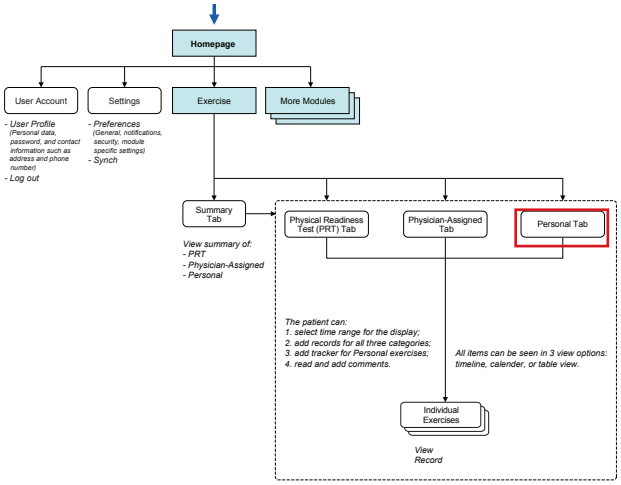
EXERCISE: PERSONAL EXERCISE



The user clicks on "Personal" tab. This tab shows exercises that the patient does voluntarily. The user can either create a custom track to monitor exercises that the user does regularly basis, or enter notes. In this screen, the user keeps track of "Hike" in text.



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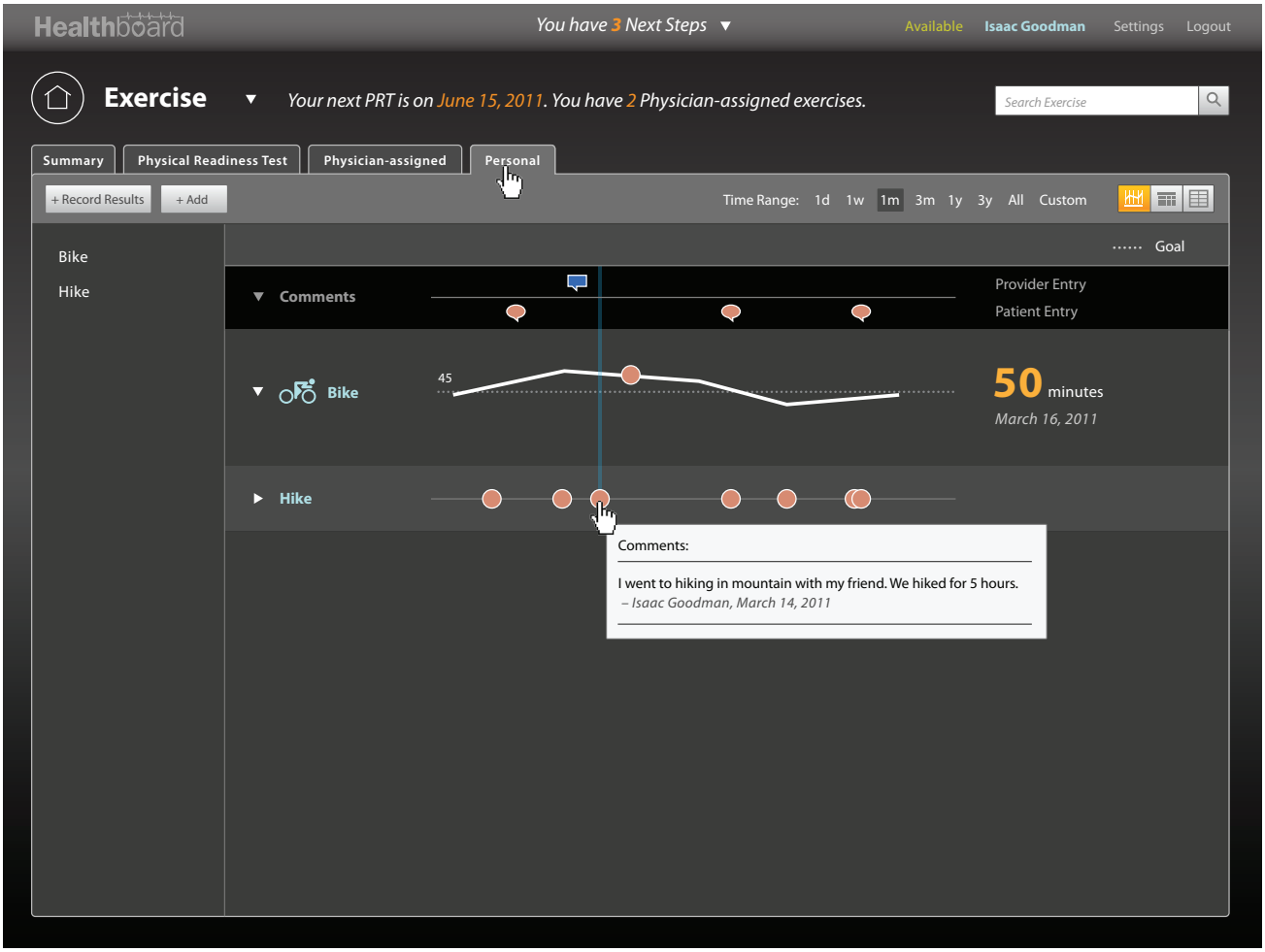
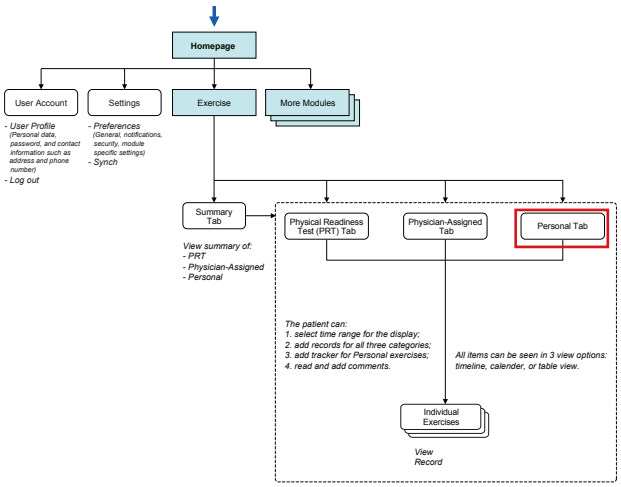
EXERCISE: VIEWING EXERCISE JOURNAL



The user can read his notes by hovering over the note icon, just like how comments work.



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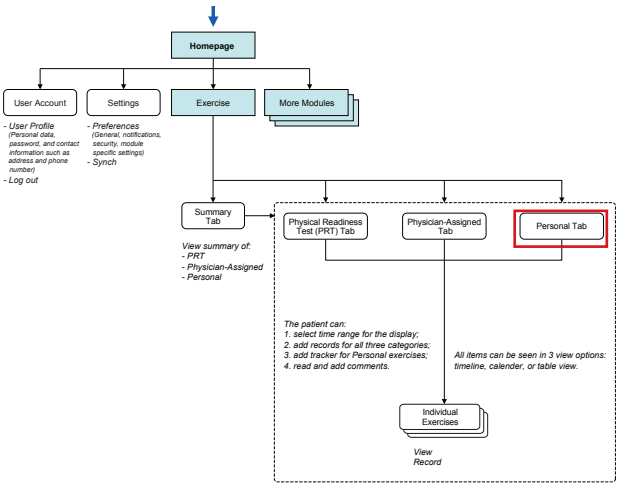
EXERCISE: ADD TRACKER (RUN/WALK)

The user can add a custom tracker to this category by clicking "+ Add" button. The user can add a tracker by selecting from the list of pre-canned exercises that have associated attributes assigned (e.g., distance, duration, speed, etc.). The user can select "+ Others" to add an exercise that is not on the list and do not have predetermined attributes; the user can keep track of these exercises with text entry.

The user selects "+ Run/Walk."



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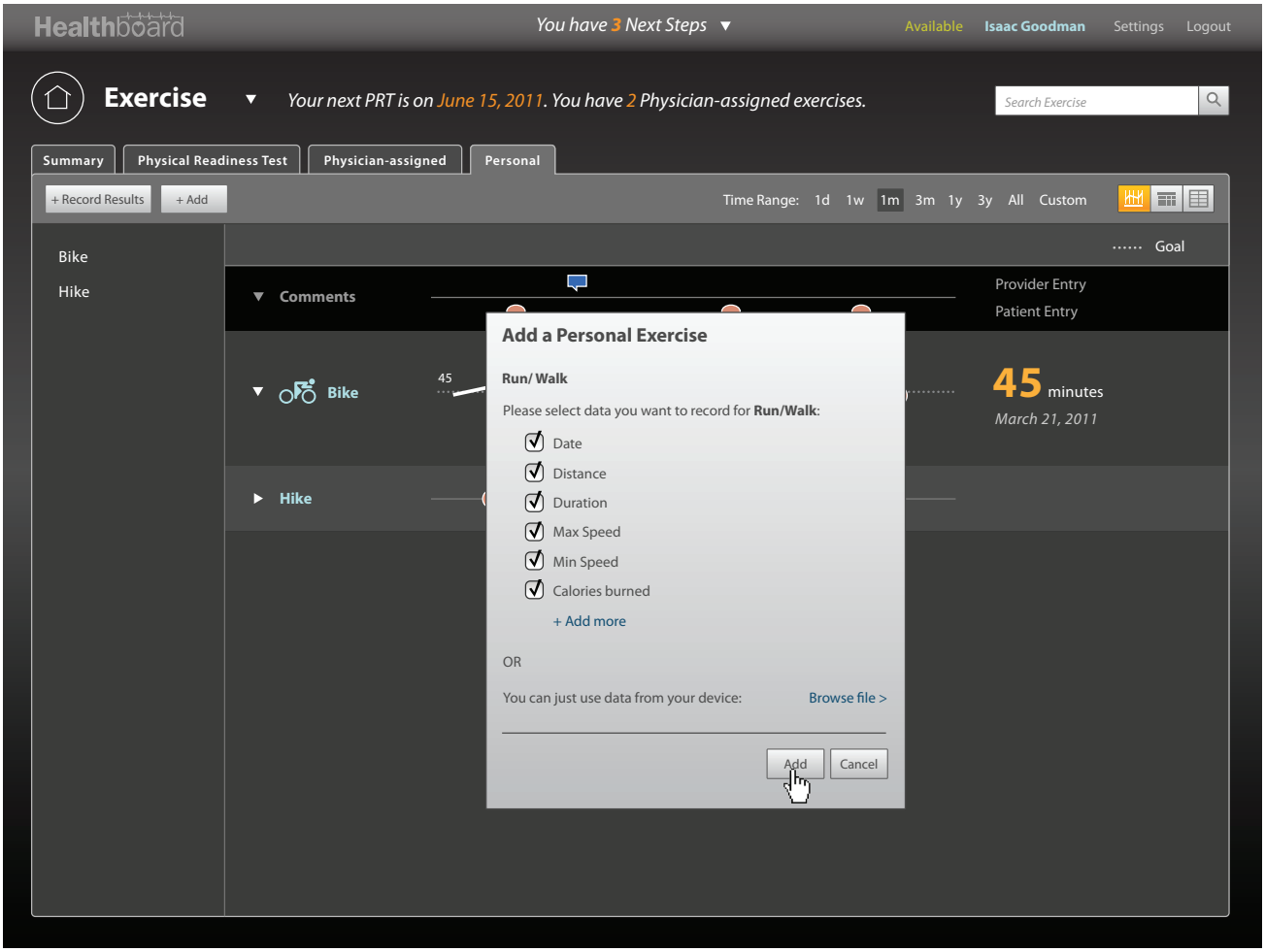
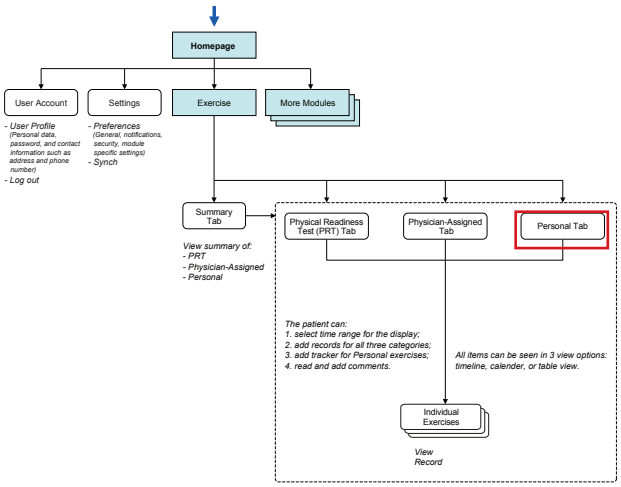
EXERCISE: ADD TRACKER (RUN/WALK)



The user can select what attributes to track for "Run/ Walk." (If the user already has records to download, he can browse a file from the external device.) The user clicks "Add" button.



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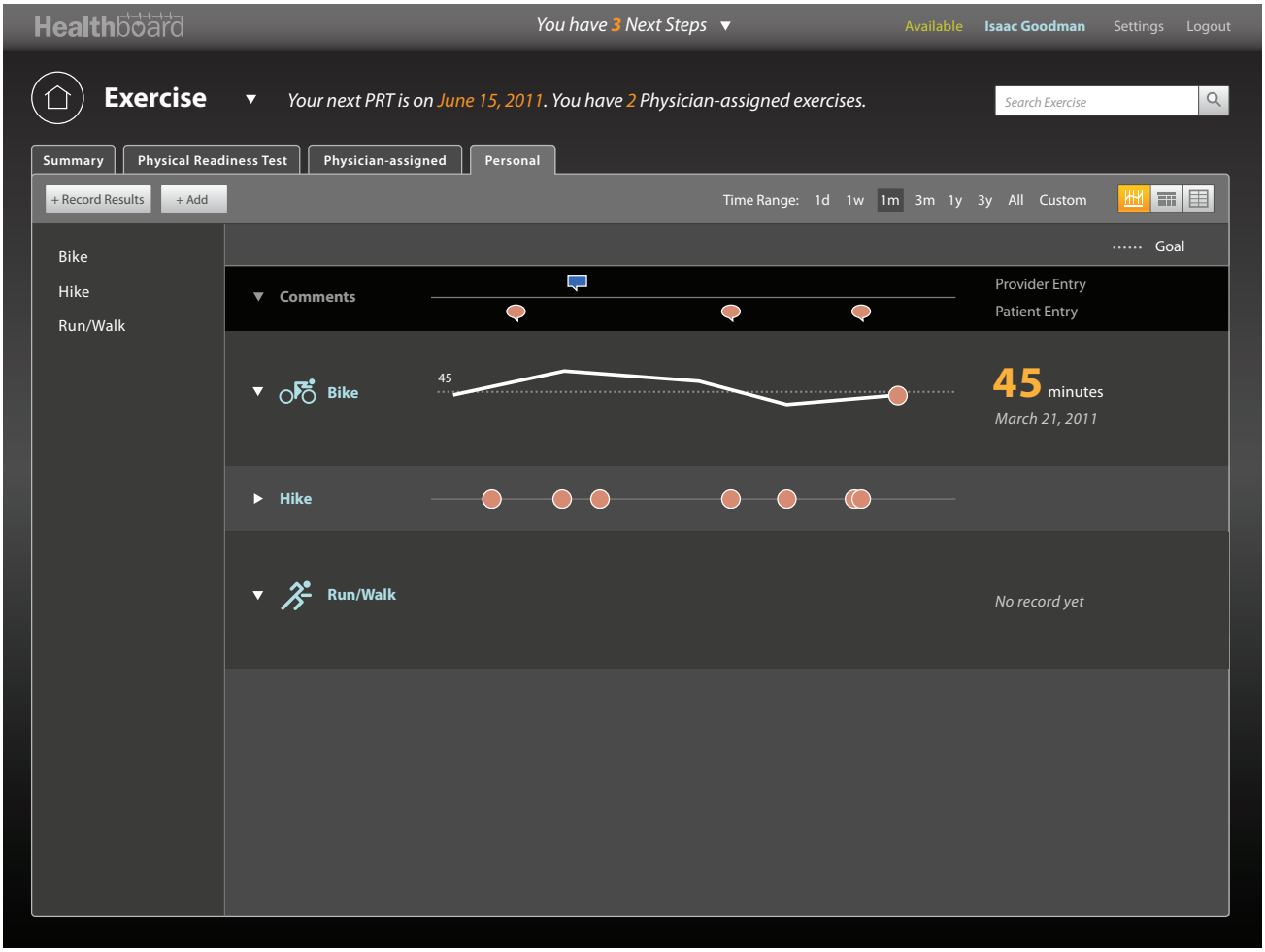
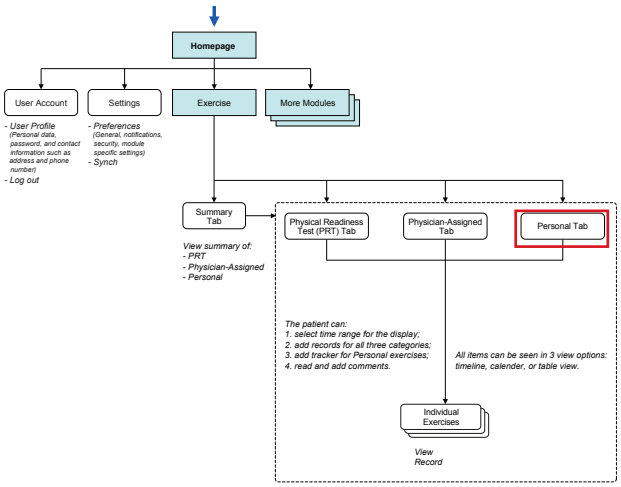
EXERCISE: RUN/WALK TRACKER ADDED



The "Run/Walk" tracker is added to the list.



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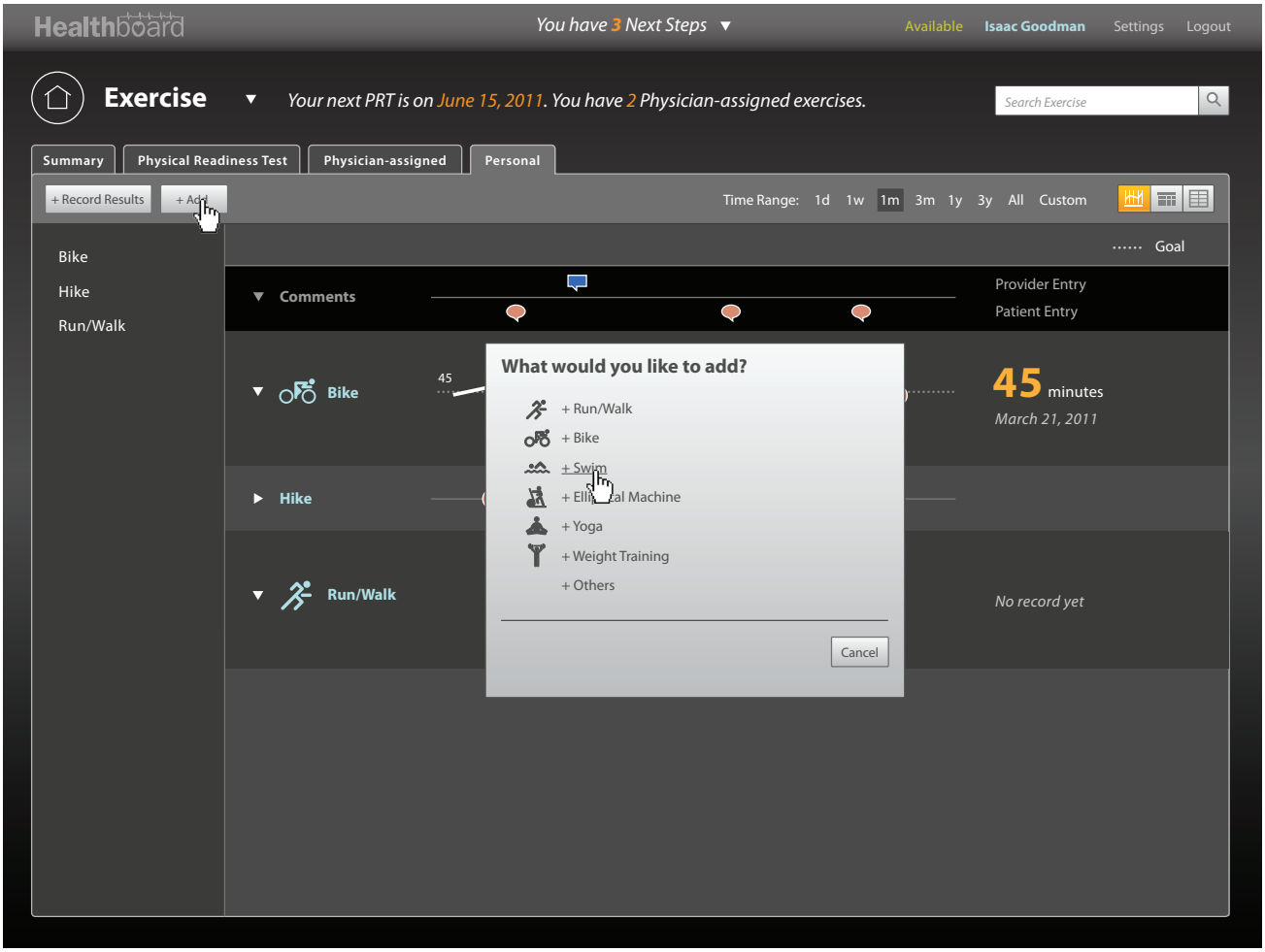
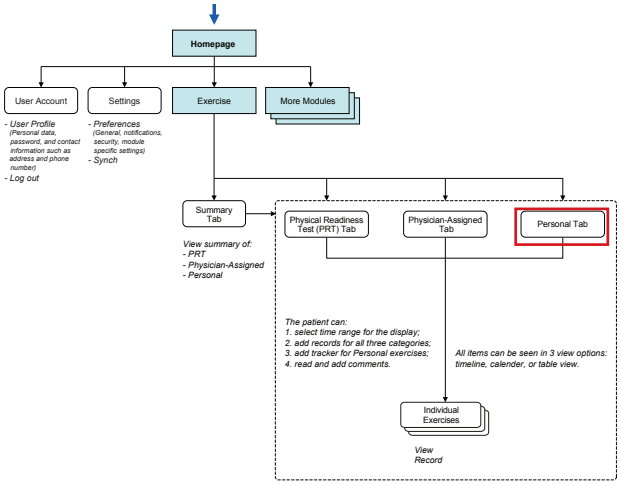
EXERCISE: ADD TRACKER (SWIM)



The user clicks "+ Add" button and selects "Swim."



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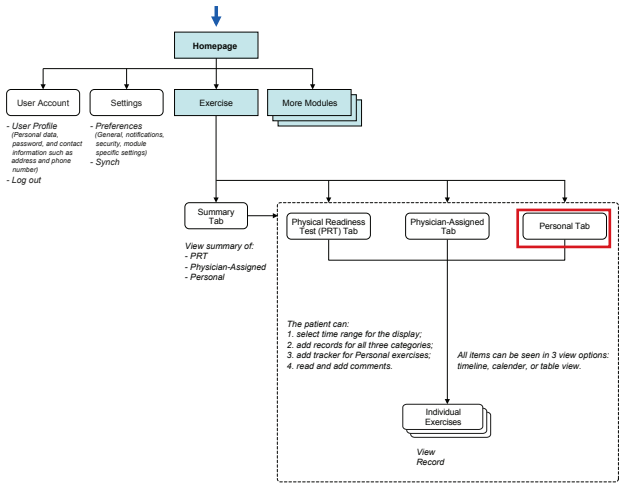
EXERCISE: ADD TRACKER (SWIM)

Since there are multiple types/styles for swim, the user can specify what type/style.



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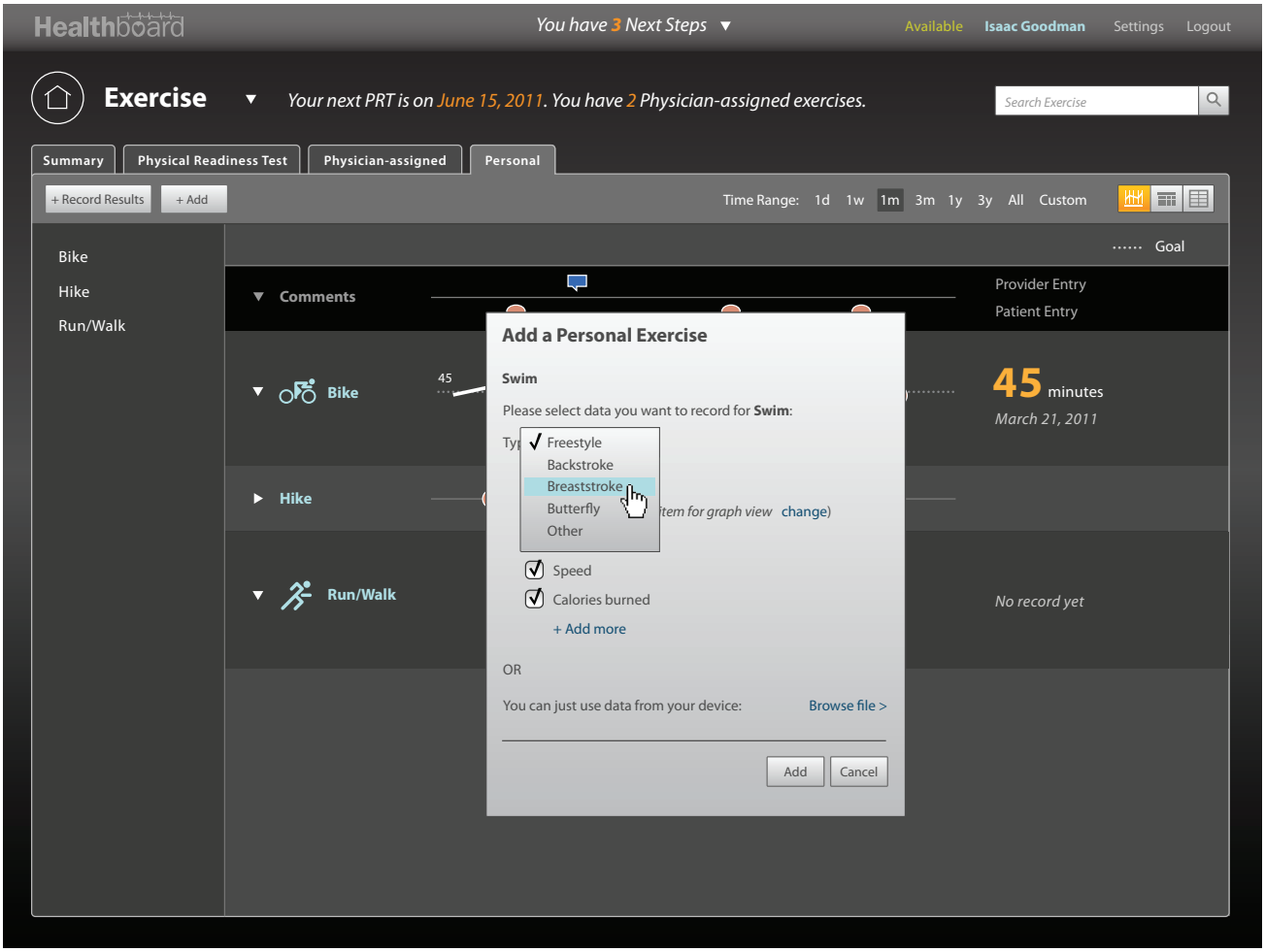
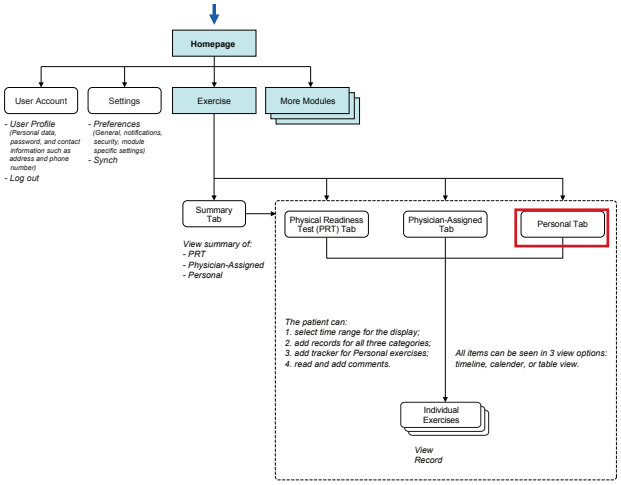
EXERCISE: SWITCH TYPE OF SWIM



The user selects "Breaststroke" from the drop-down menu.



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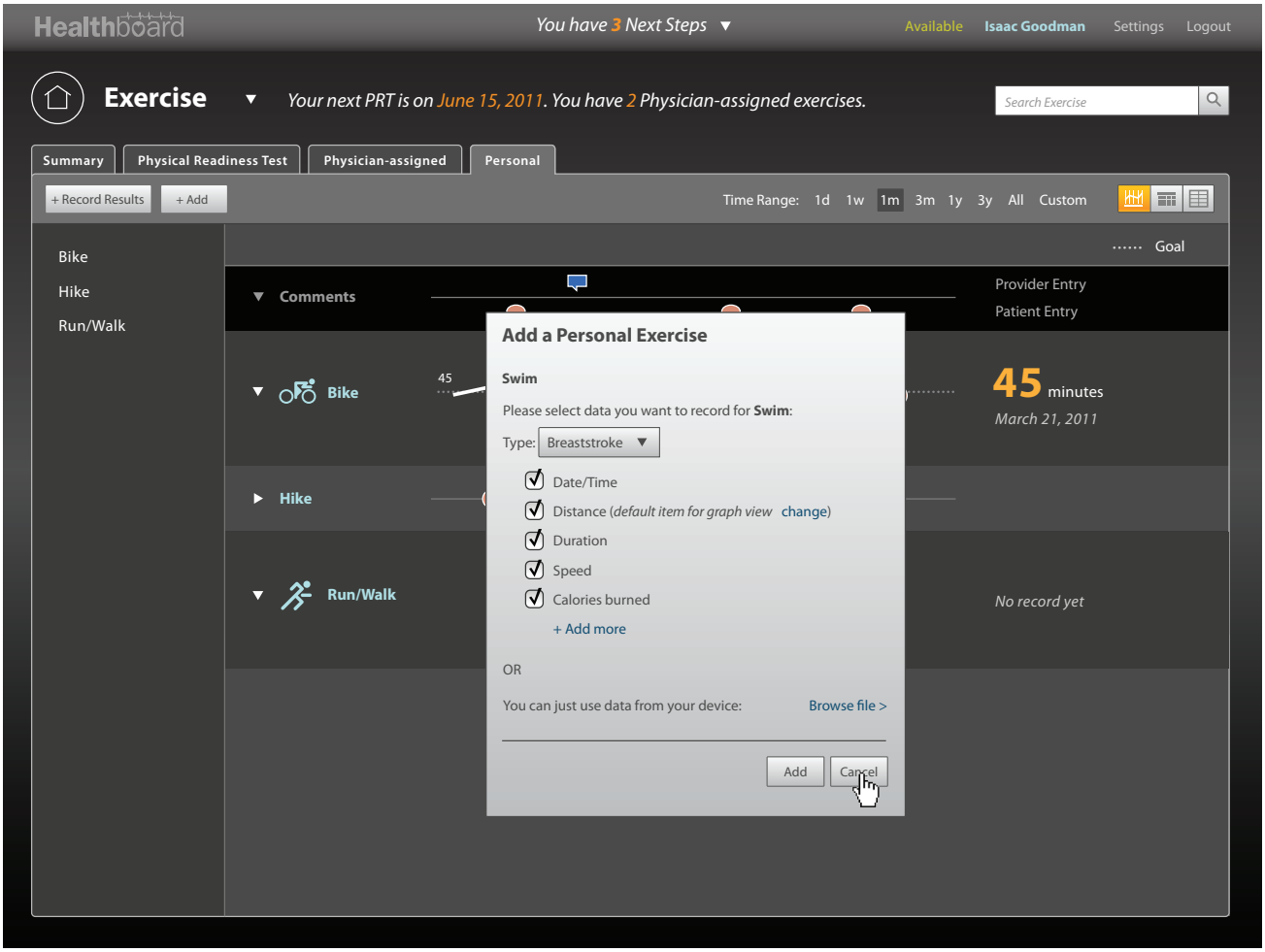
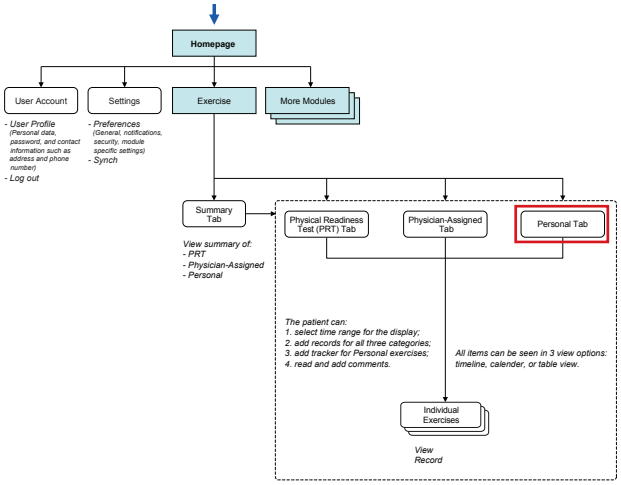
EXERCISE: TYPE OF SWIM SWITCHED



The user decides not to add this tracker, and clicks "Cancel" button.



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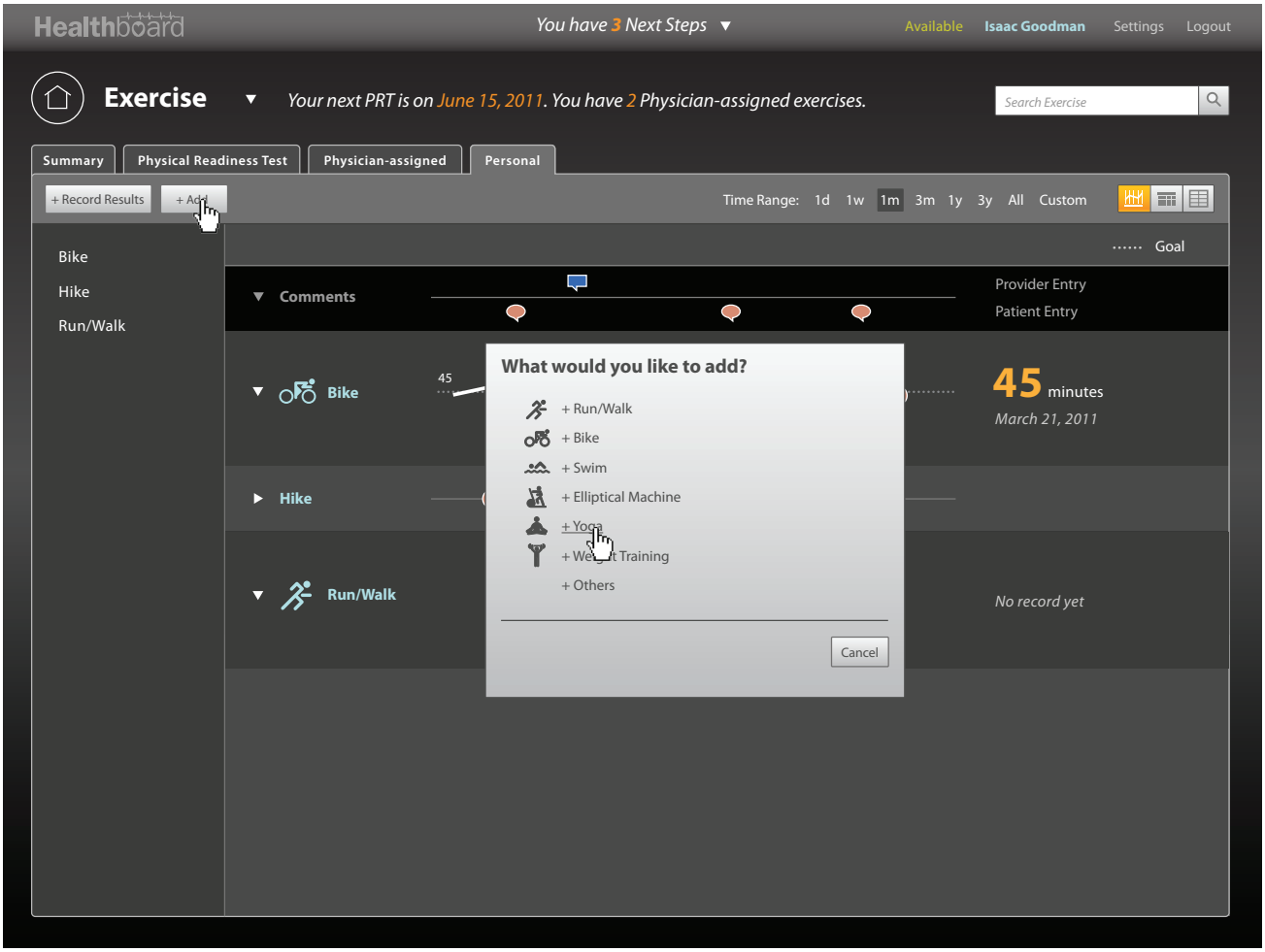
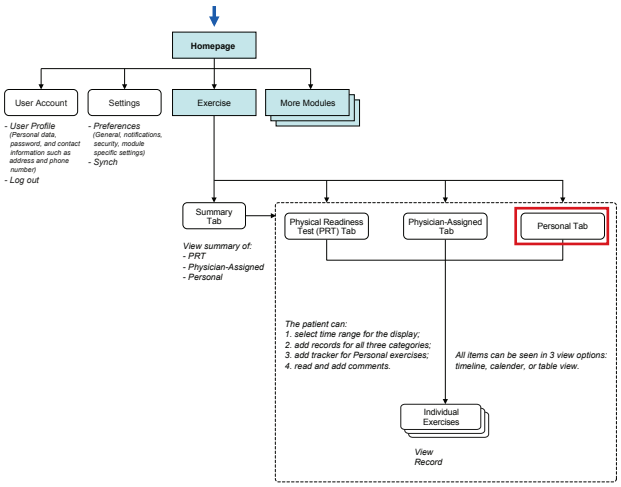
EXERCISE: ADD TRACKER (YOGA)



The user clicks "+ Add" button and selects "Yoga."



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EXERCISE: ADD TRACKER (YOGA)

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Exercise | Your next PRT is on June 15, 2011. You have 2 Physician-assigned exercises. | Search Exercise

Summary | Physical Readiness Test | Physician-assigned | Personal

+ Record Results | + Add | Time Range: 1d 1w 1m 3m 1y 3y All Custom

Bike
Hike
Run/Walk

Goal

Comments | Provider Entry | Patient Entry

Bike | 45 minutes | March 21, 2011

Hike

Run/Walk | No record yet

Add a Personal Exercise

Yoga

Please select data you want to record for **Yoga**:

Type: Ashtanga

- [x] Date/Time
- [x] Duration (*default item for graph view* change)
- [x] Number of Pose
- [x] Number of Sequence

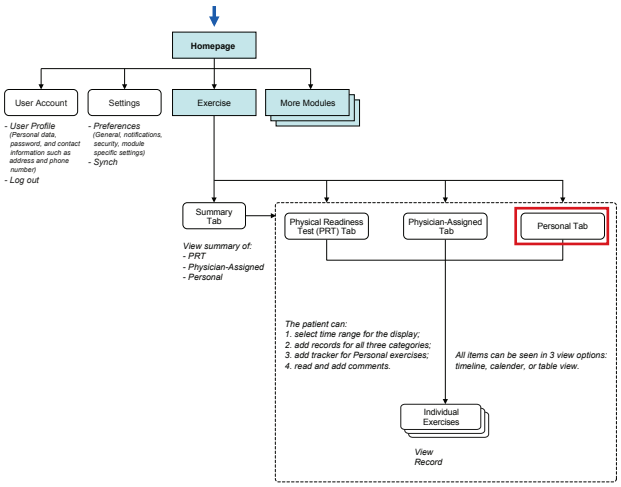
+ Add more

OR

You can just use data from your device: Browse file >

Add Tracker | Cancel

Since there are multiple types/styles for yoga, the user can specify what type/style.



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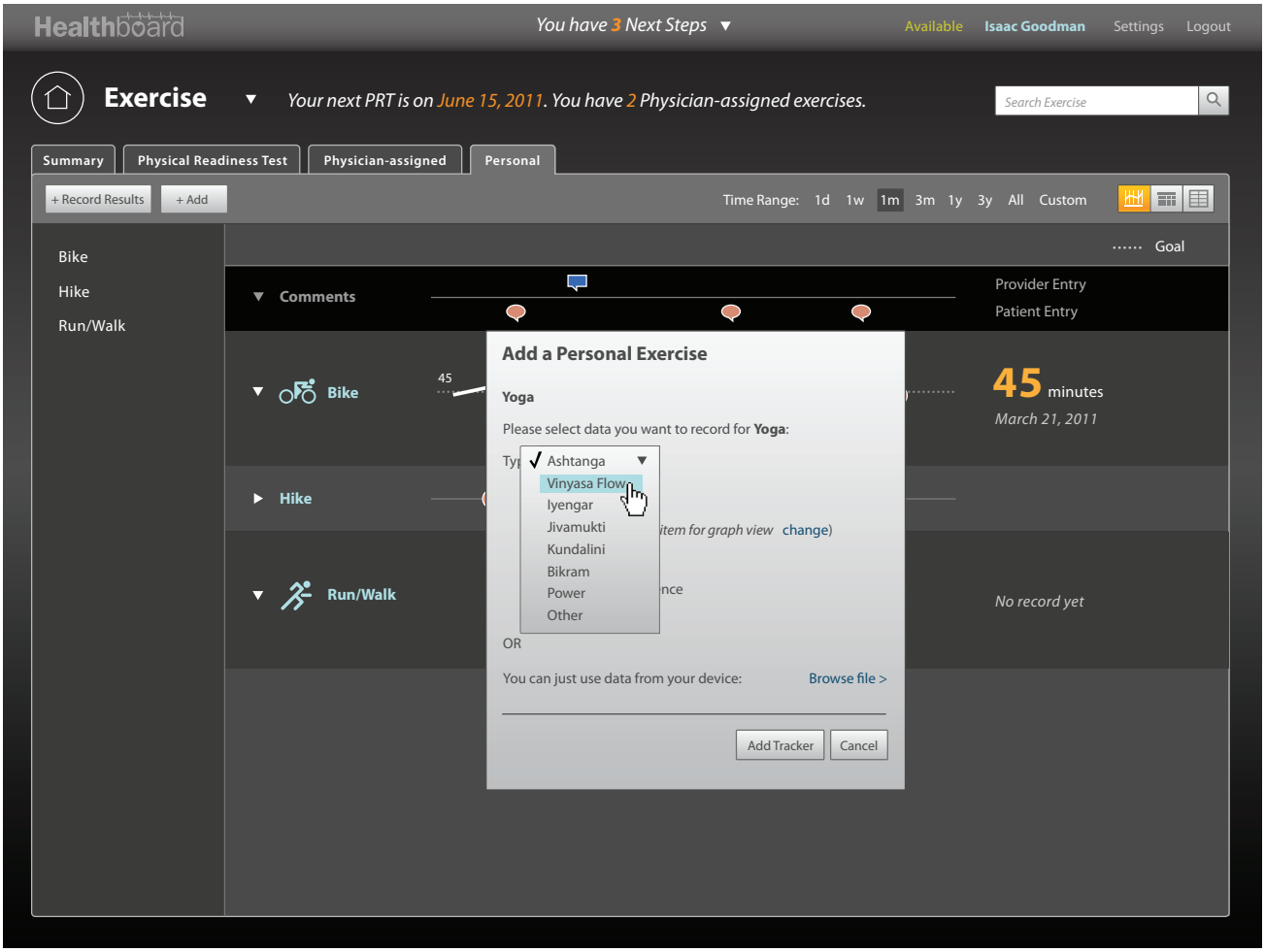
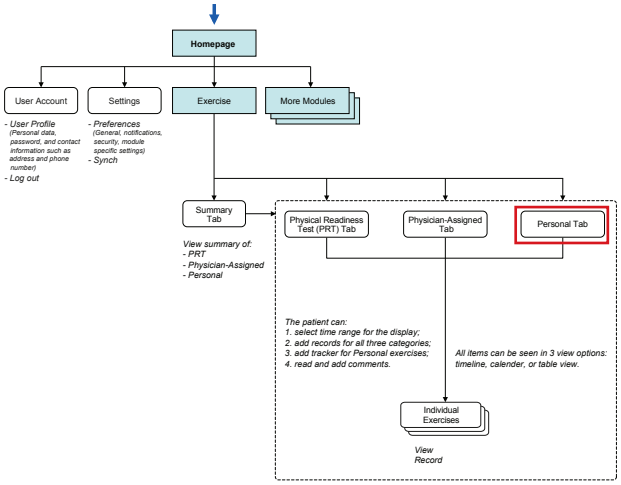
EXERCISE: ADD TRACKER (YOGA)



The user selects "Vinyasa Flow" from the menu.



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EXERCISE: ADD TRACKER (YOGA)

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Exercise | Your next PRT is on June 15, 2011. You have 2 Physician-assigned exercises. | Search Exercise

Summary | Physical Readiness Test | Physician-assigned | Personal

+ Record Results | + Add | Time Range: 1d 1w 1m 3m 1y 3y All Custom

Bike
Hike
Run/Walk

Goal

Comments | Provider Entry | Patient Entry

Bike | 45 minutes | March 21, 2011

Hike

Run/Walk | No record yet

Add a Personal Exercise

Yoga

Please select data you want to record for **Yoga**:

Type: Vinyasa Flow

- [x] Date/Time
- [x] Duration (*default item for graph view* change)
- [x] Number of Pose
- [x] Number of Sequence

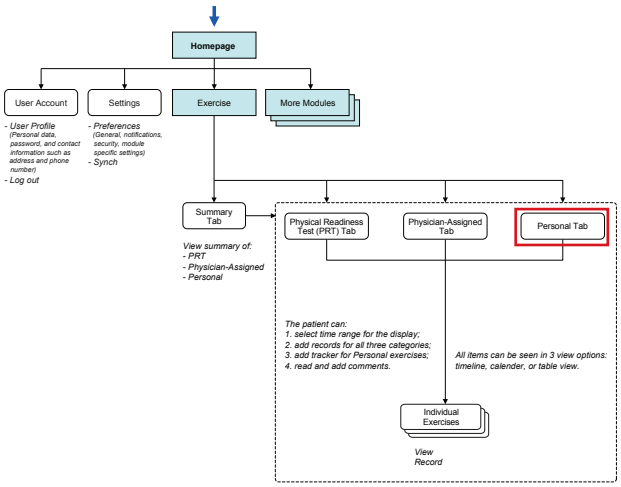
+ Add more

OR

You can just use data from your device: Browse file >

Add Tracker | Cancel

The user decides not to add this tracker, and clicks "Cancel" button.



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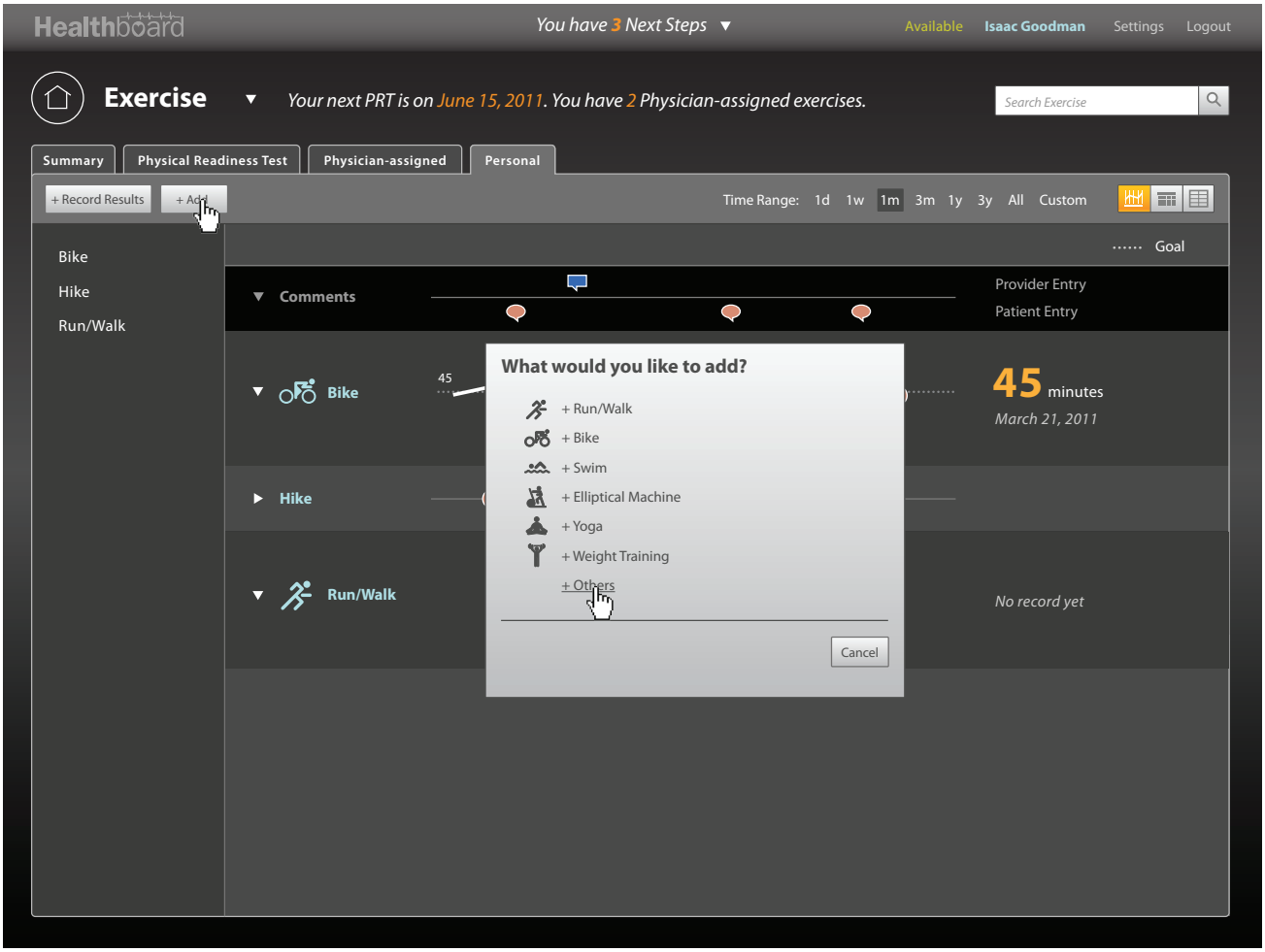
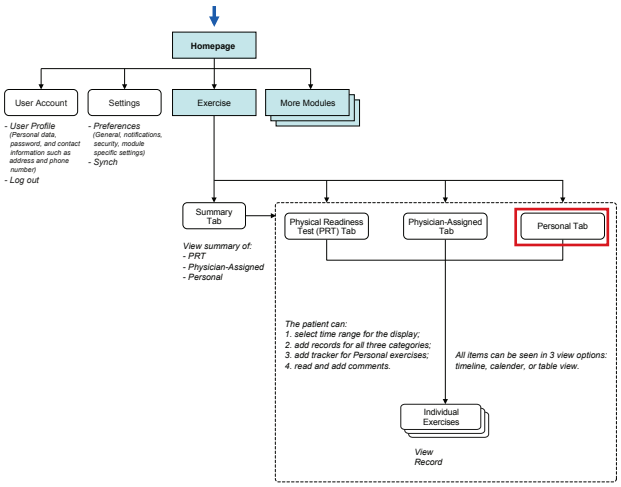
EXERCISE: ADD CUSTOM TRACKER



The user clicks "+ Add" button and selects "+ Others."



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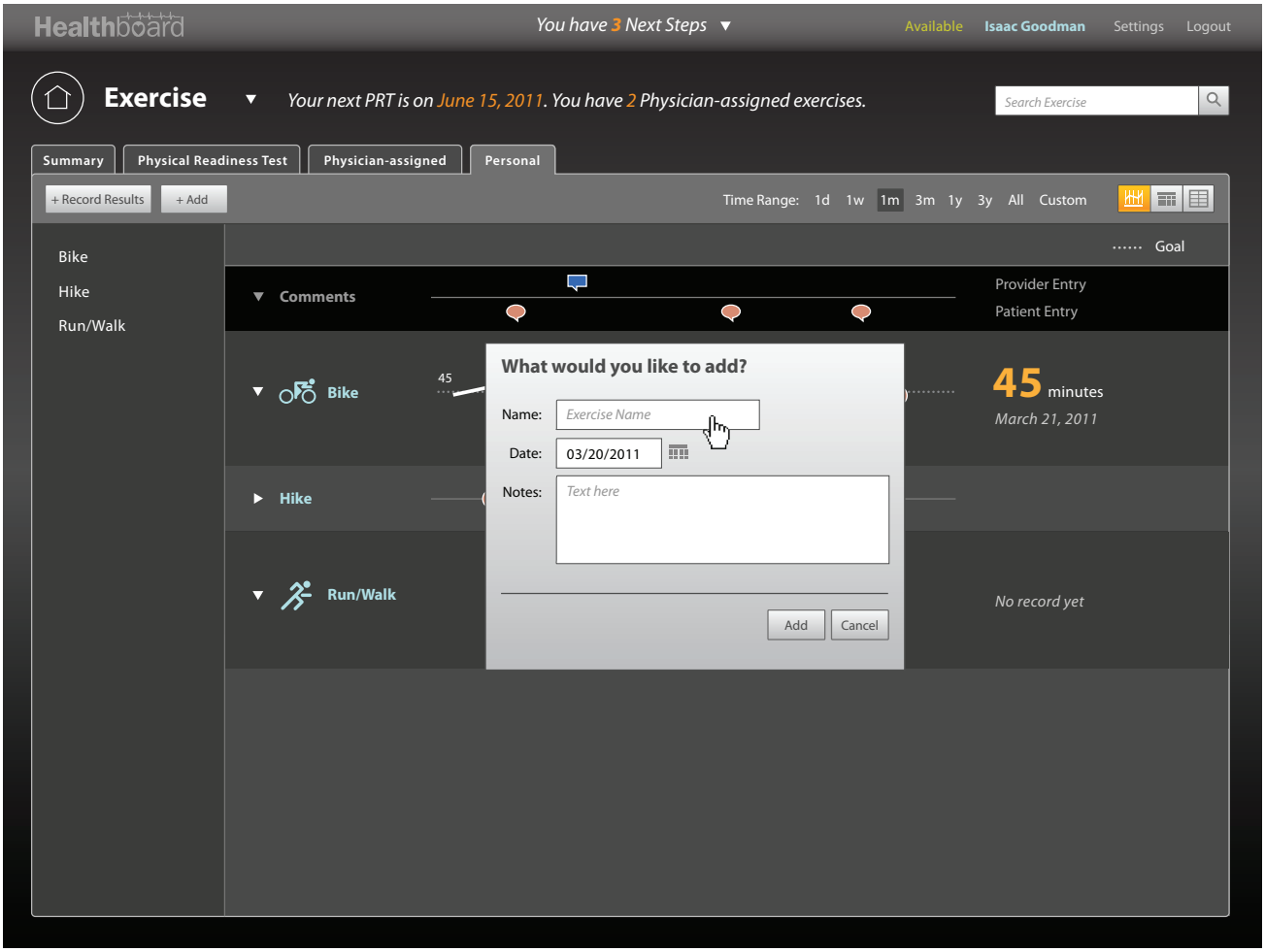
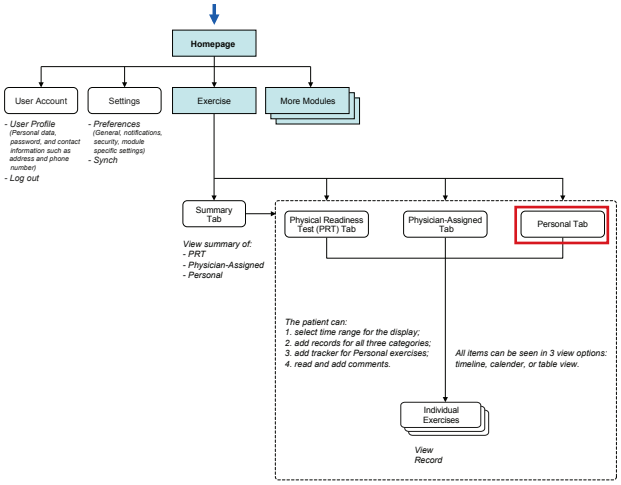
EXERCISE: ADD CUSTOM TRACKER



The user can enter the name, date, and notes to add this exercise.



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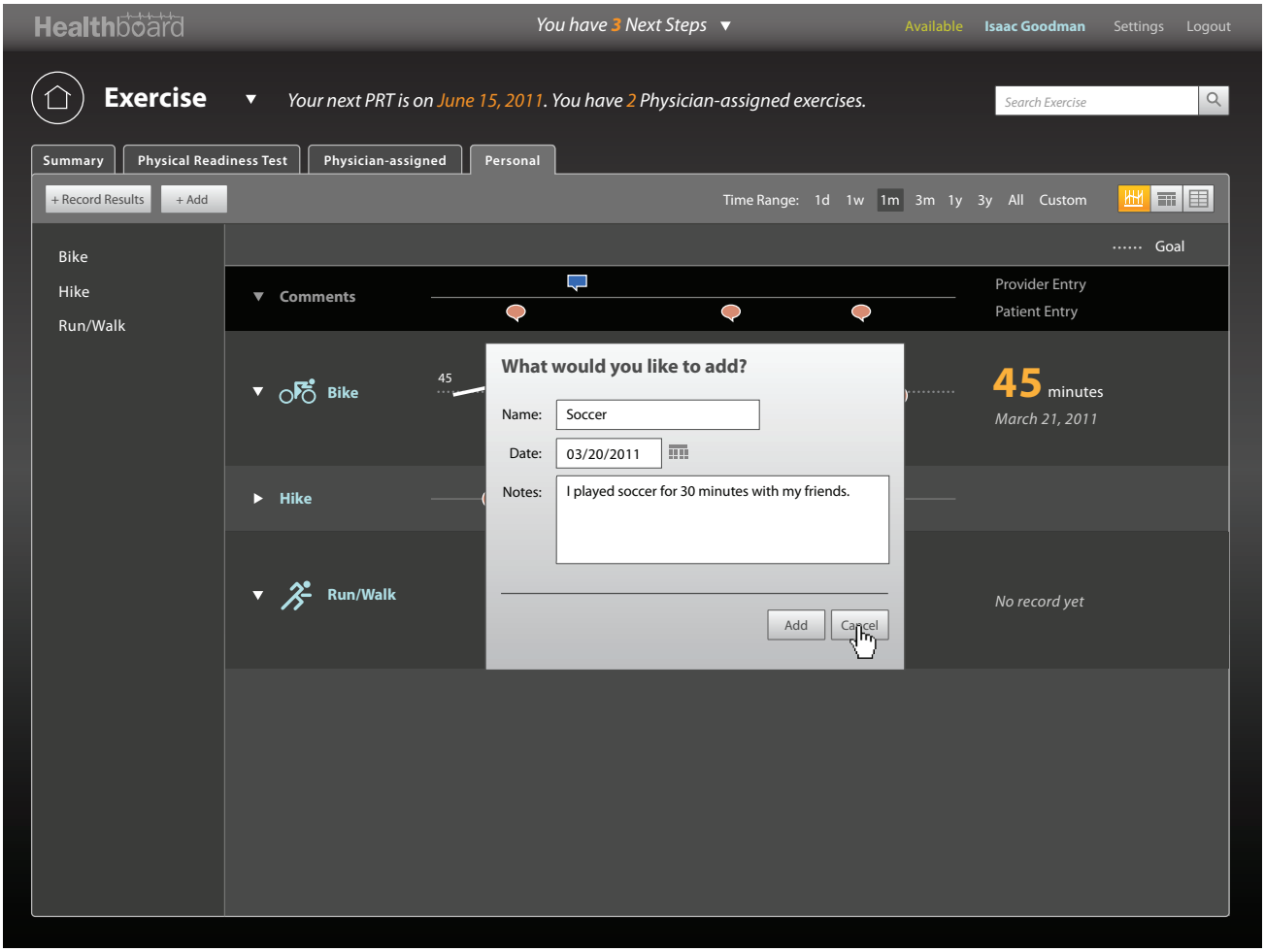
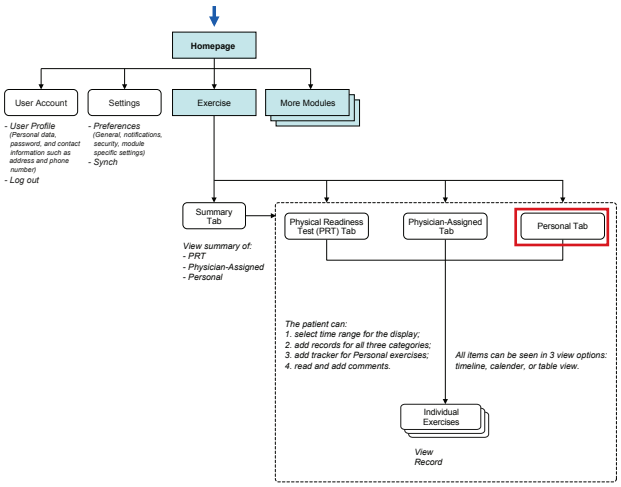
EXERCISE: ADD CUSTOM TRACKER (CONTINUED)



The user enters information for "Soccer." However, the user decides not to add a tracker, and clicks the "Cancel" button.



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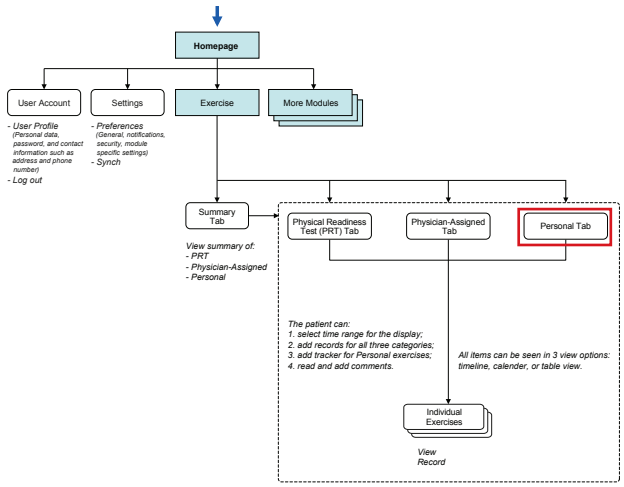
EXERCISE: CALENDAR VIEW

The user can see Personal exercise records in the calendar view. The user clicks "Calendar View" button in the top right. The calendar view gives a quick overview of activities that the patient have done in the month. The user can click/highlight a day to view detail information about activities done on that day. The detail information appears in the right column. Today is highlighted by default.



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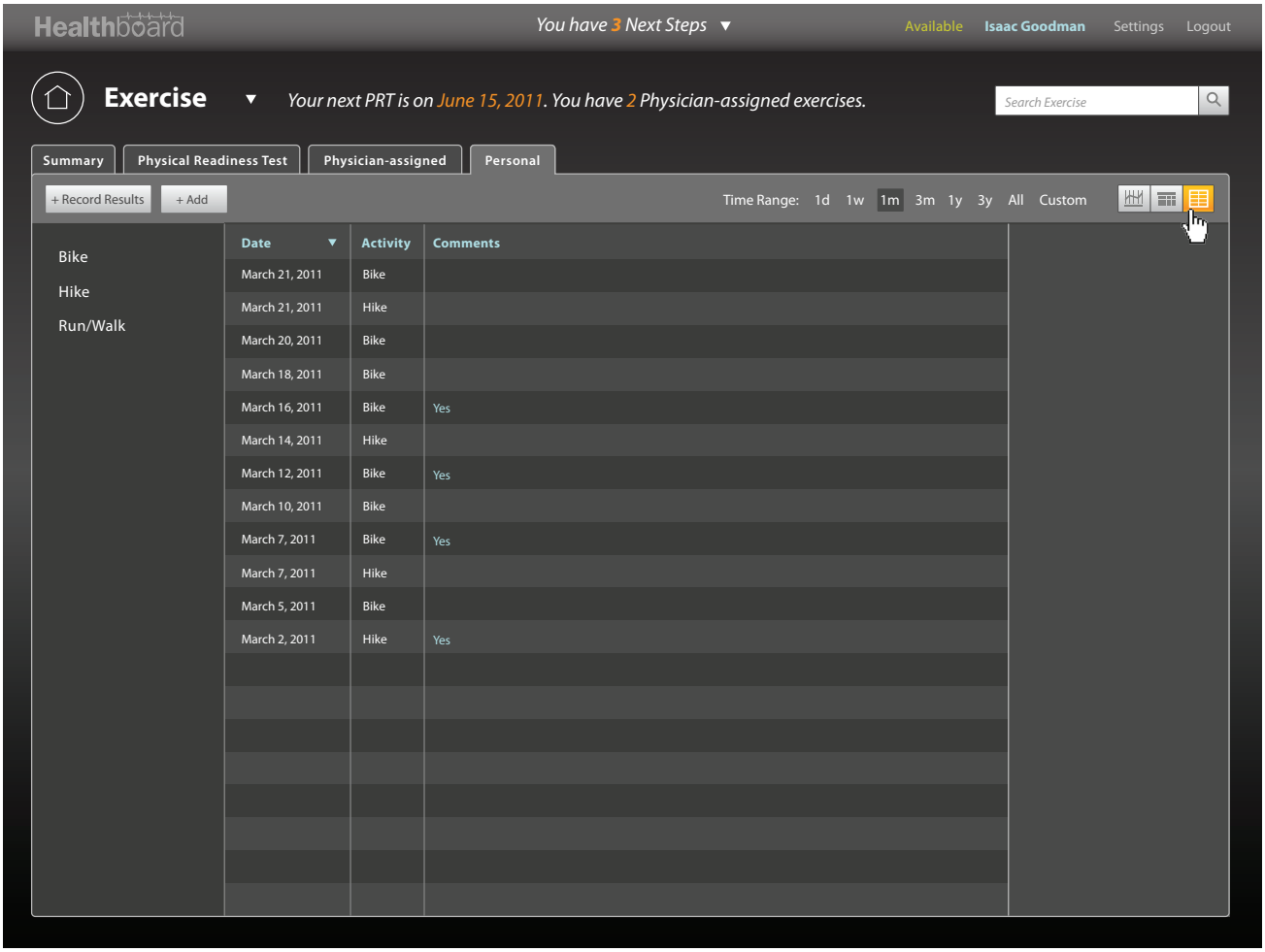
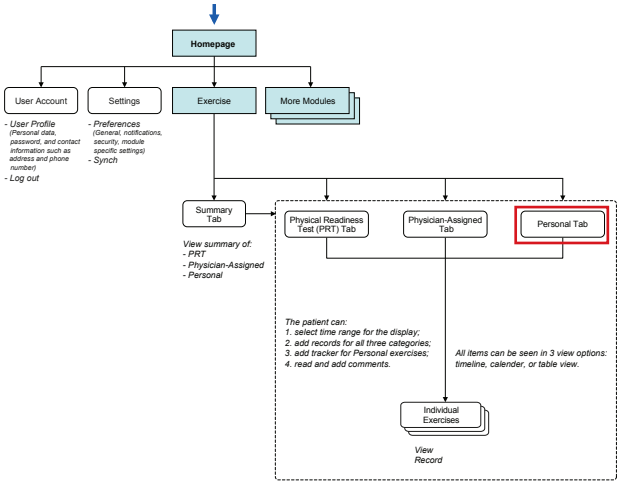
EXERCISE: LIST VIEW



The user clicks "Table View" button in the top right. The user can see a list of all activities. The user can also sort items by Date, Activity, and Comments.



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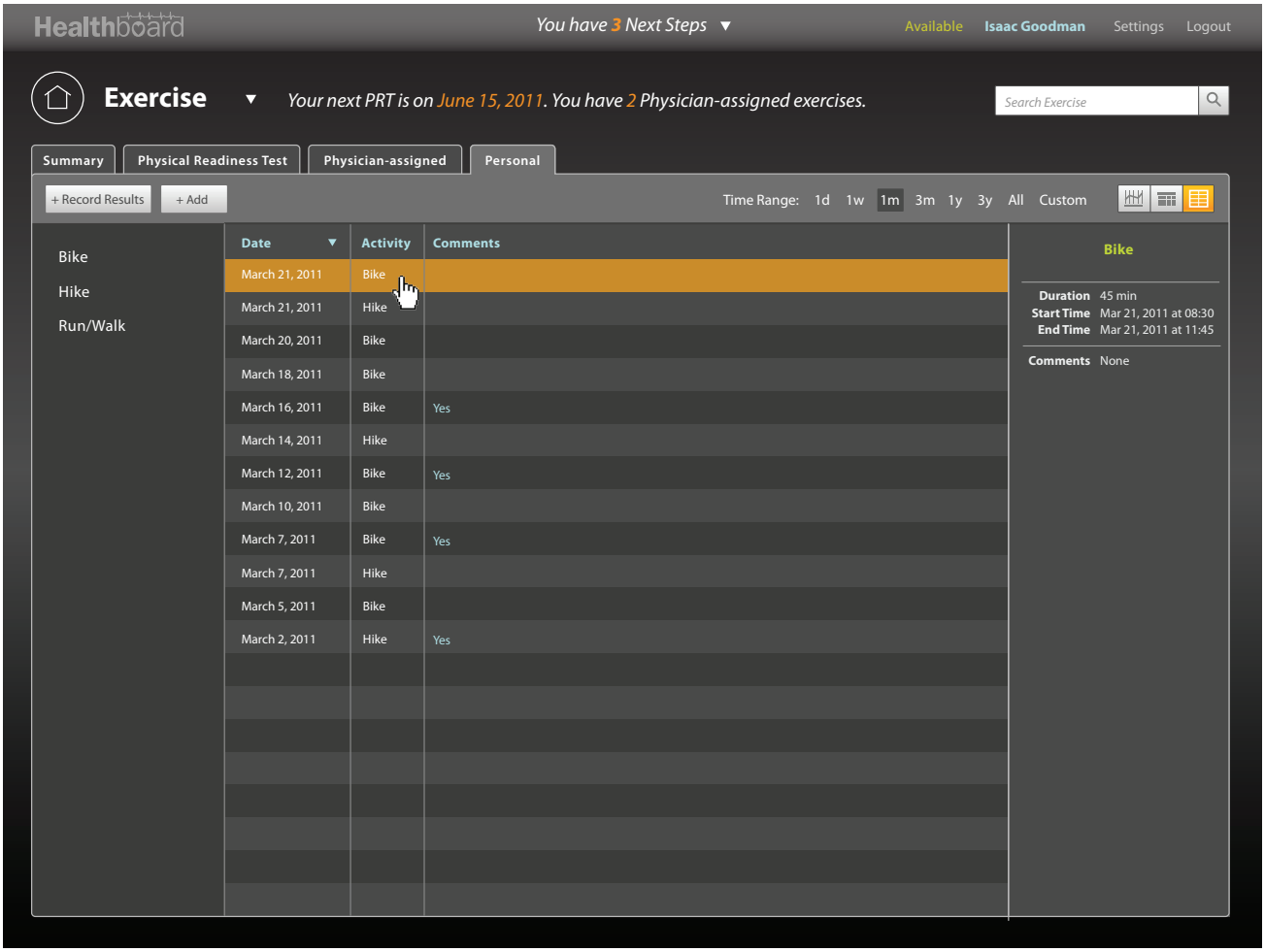
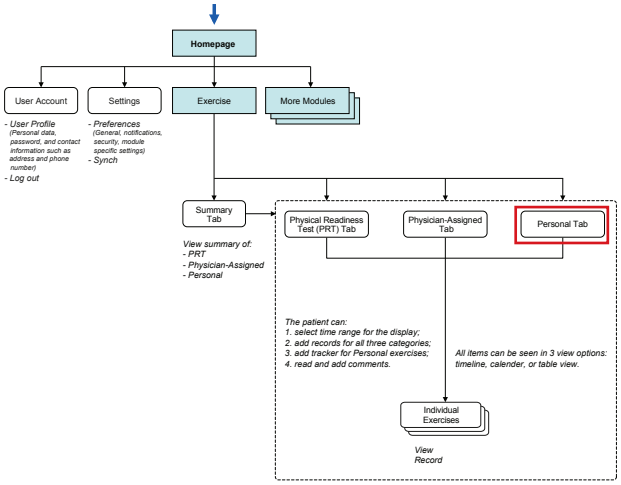
EXERCISE: SELECT AN ACTIVITY



When the user clicks on one of the items in the list, the detail information about the activity appears in the right column.



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EXERCISE: ICONS FOR VARIOUS EXERCISES

Physical Readiness Test

Average PRT Score

1.5 Mile Run

Push Ups

Curl Ups

Personal Exercise

Run/Walk

Bike

Swim

Elliptical Machine

Yoga

Weight Training

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Nutrition

INTRODUCTION This section of the Detailed GUI Volume documents the design of the Patient Portal's *Nutrition* function set for the Visual Dashboard for a Patient Centered Medical Home (PCMH). The documentation includes both workflow diagrams and visual models: the workflow diagrams detail the user experience and interactions within this module, and the visual models present graphic assets and elements within this module.

The following are high-level objectives for *Nutrition*:

- To allow the user to track and report food and water intakes.
- To enable communication between the patient and healthcare providers regarding nutrition guidelines and status; healthcare providers (e.g., physicians, dietitians) can setup suggested food plans based on patient's needs.
- To allow both patient and provider to analyze patient's choice of food, intake amounts and frequency, and other relevant behavior collected over time.

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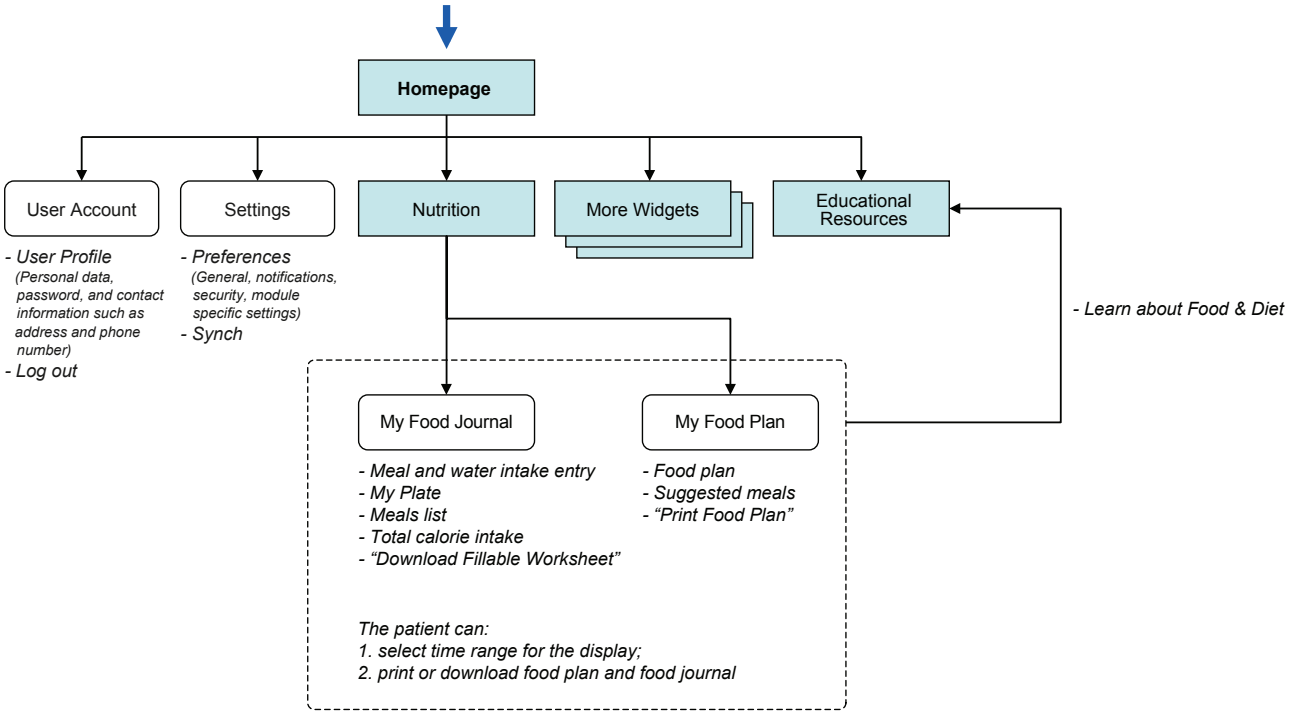
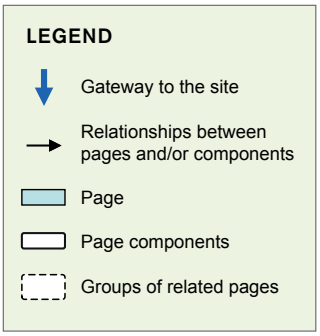
FLOWCHART FOR NUTRITION MODULE





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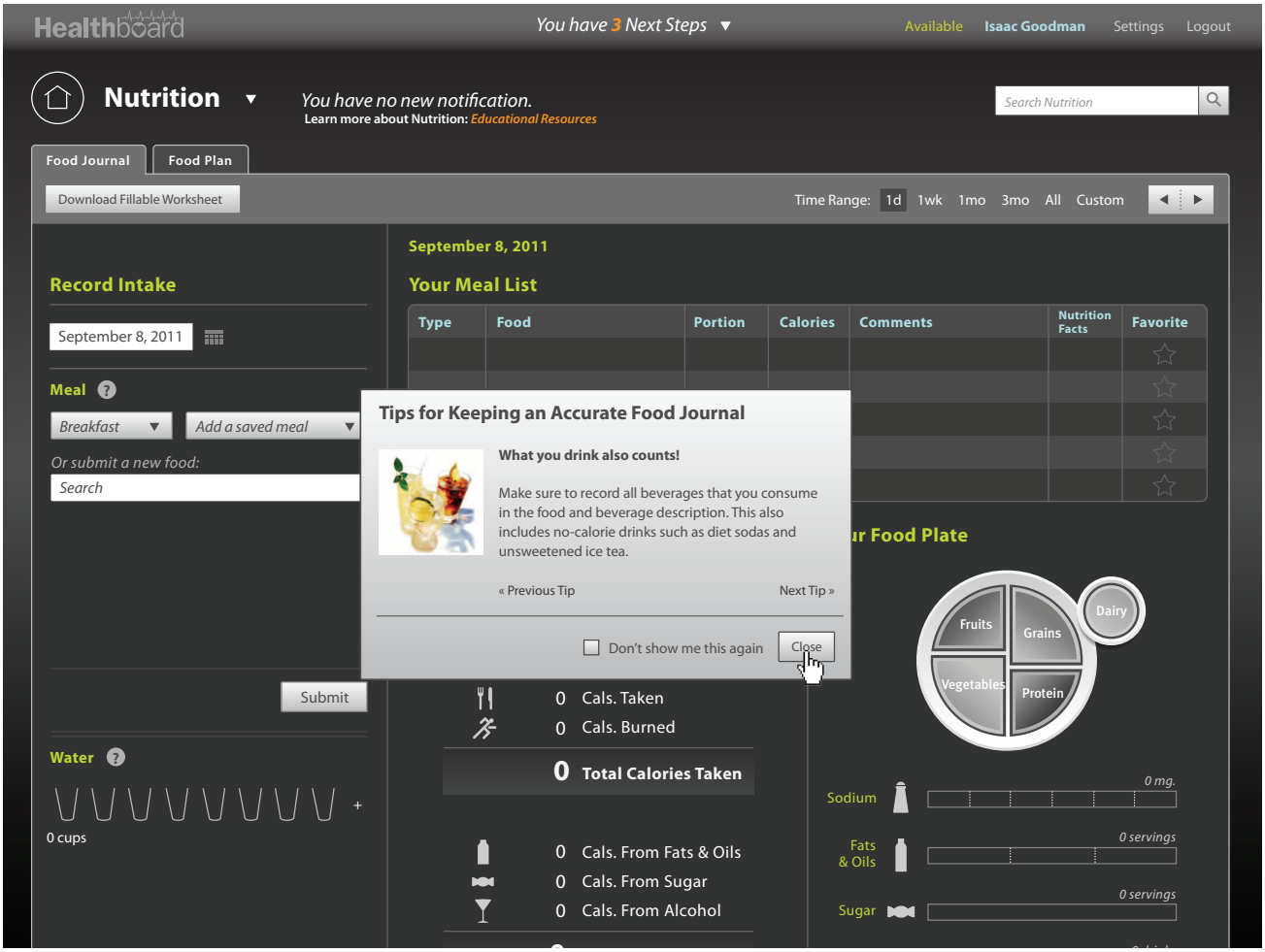
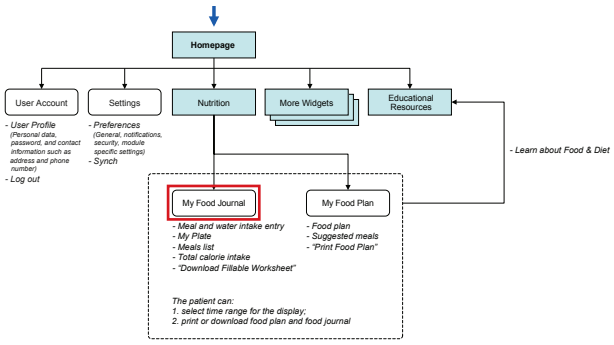
NUTRITION: MY FOOD JOURNAL



The user can access *Nutrition* from *Homepage*. The landing screen shows the summary of the user's most up-to-date nutrition plan and record. The user can also record a meal in this screen.

When the user first comes to this screen, he sees the Tips for Keeping an Accurate Food Journal window. This informs the user things to remember for keeping a good nutrition record. As the user gets familiar with the tool, he can click "Don't show me this again" button to hide the window.

The user clicks "Close" button to close this message.



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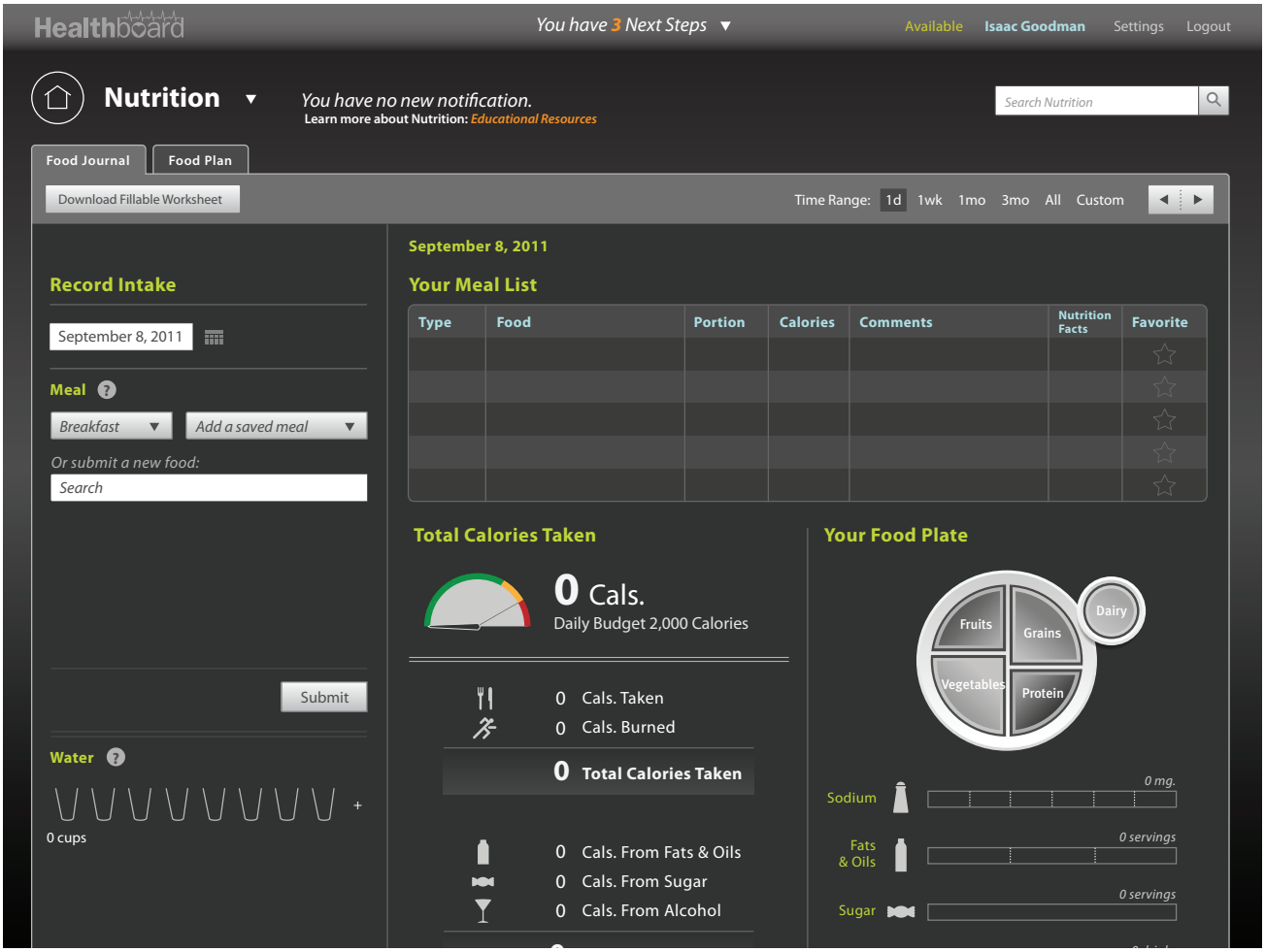
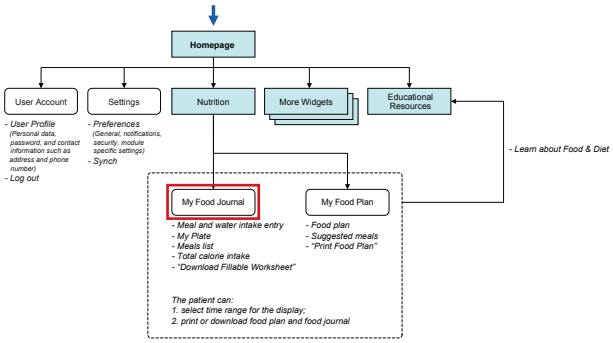
NUTRITION: MY FOOD JOURNAL



In this screen the user can: 1) record meals and water consumption; 2) view meal list; and 3) track the calorie and nutrition intake for the selected time range (default setting is today).



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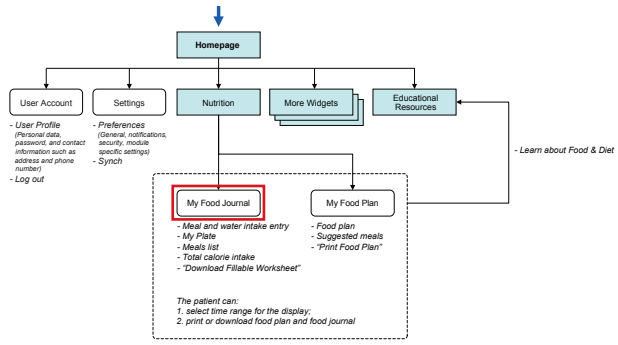
NUTRITION: FOOD ENTRY HELP

The user can learn about food entries from the Help menu (?). In this screen the user clicks *Write a Comment* to learn more about how to keep his food journal accurate.



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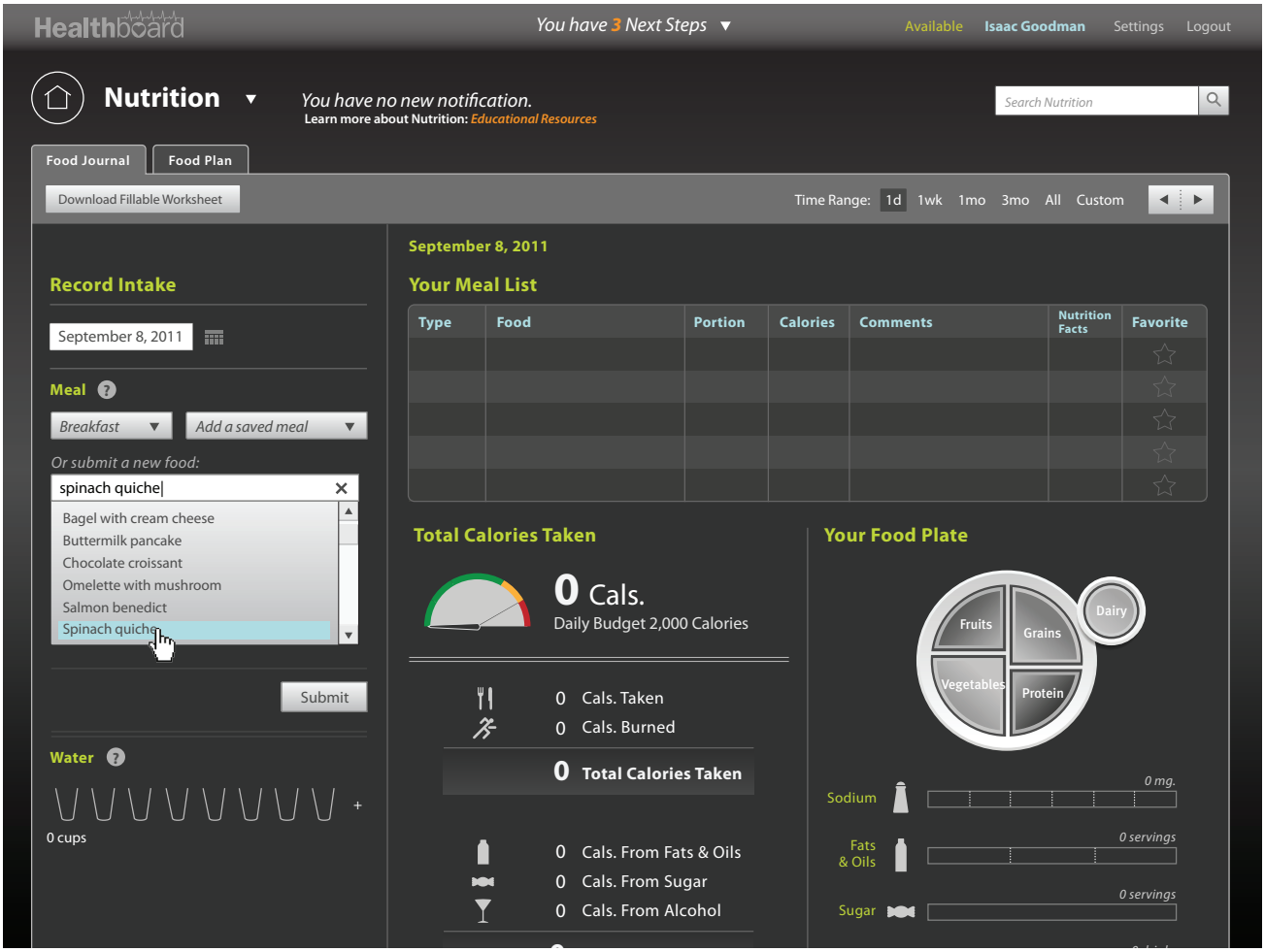
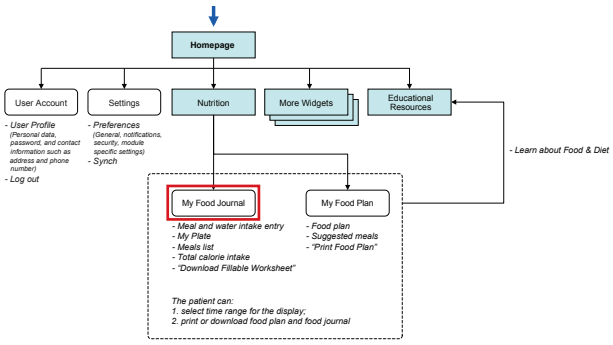
NUTRITION: FOOD ENTRY



To enter a meal, the user can simply search food or select food from saved meals. The *Nutrition* module employs the USDA's database to calculate food nutrition values.

As the user enters the name of the food in the text field, the system assists user with listing relevant names in the drop down menu while the user is typing letters.

The patient can also record his water consumption. The recommended intake amount (in cups) is determined by the patient's health condition. For example, patients who have kidney diseases should drink less water than those who do not.



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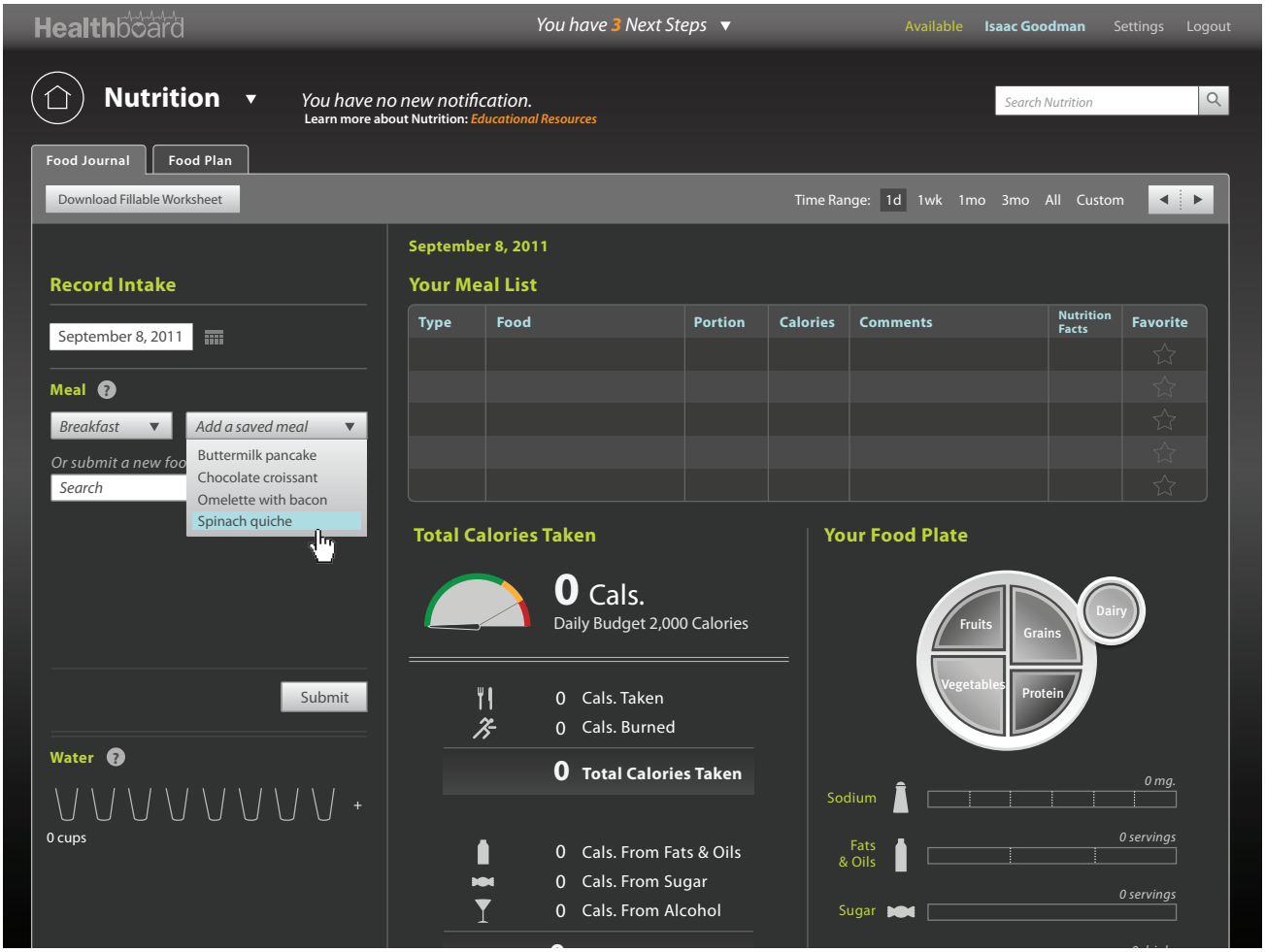
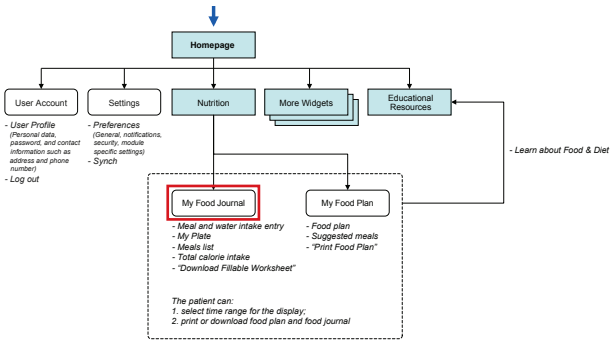
NUTRITION: FOOD ENTRY



The user also has an option to select a food item from the list of previously saved food items. The system remembers what the user has eaten most of in the past, and makes it easy for the patient to add those foods again to his log.



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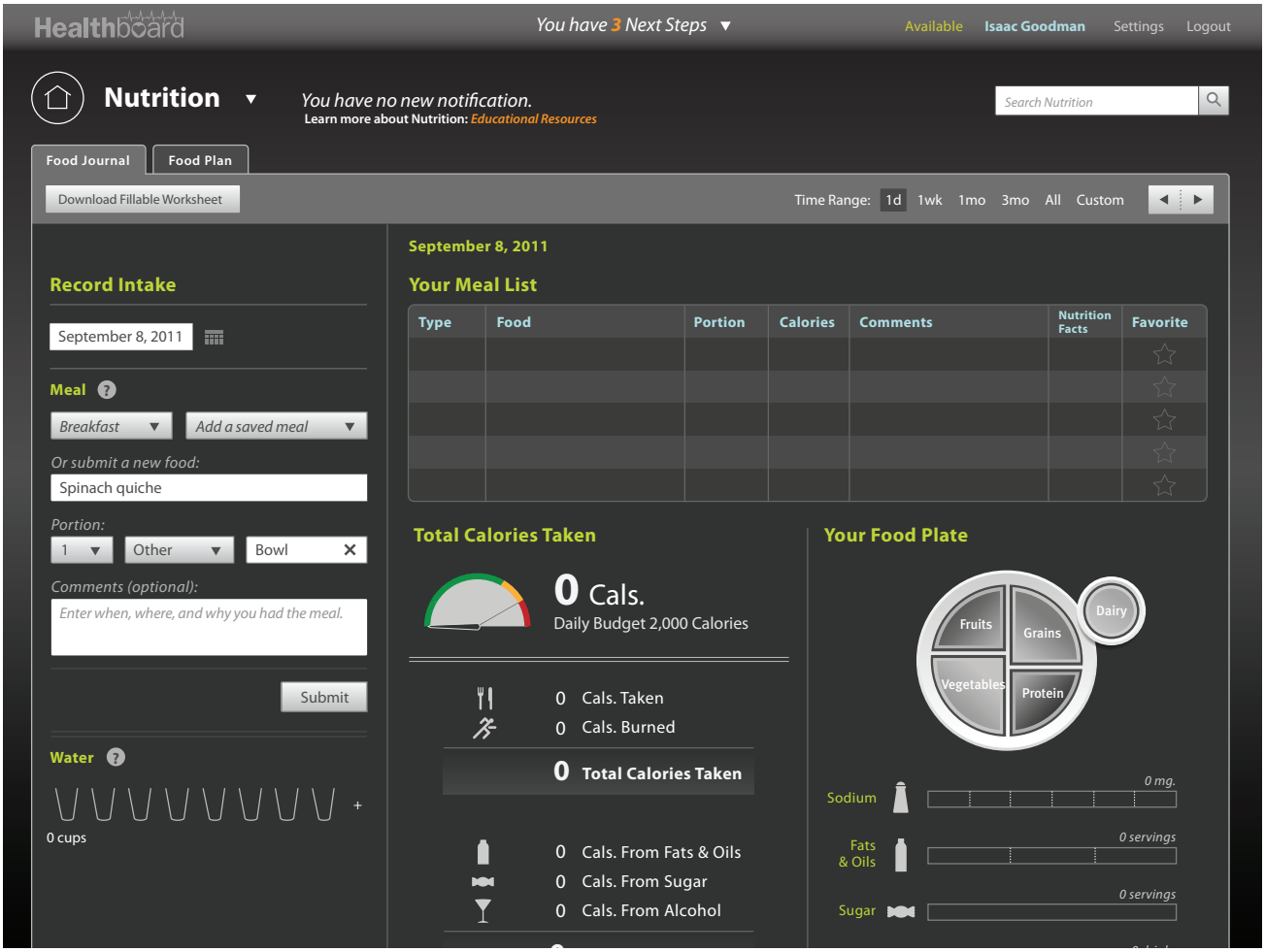
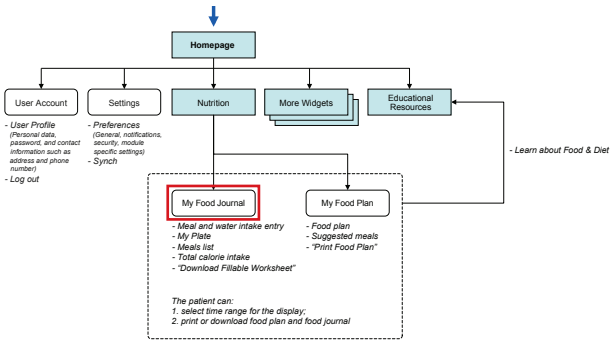
NUTRITION: FOOD ENTRY



After the user selects a meal, he can enter more information about the meal such as portion size and write a comment about when, where and why he had the food.



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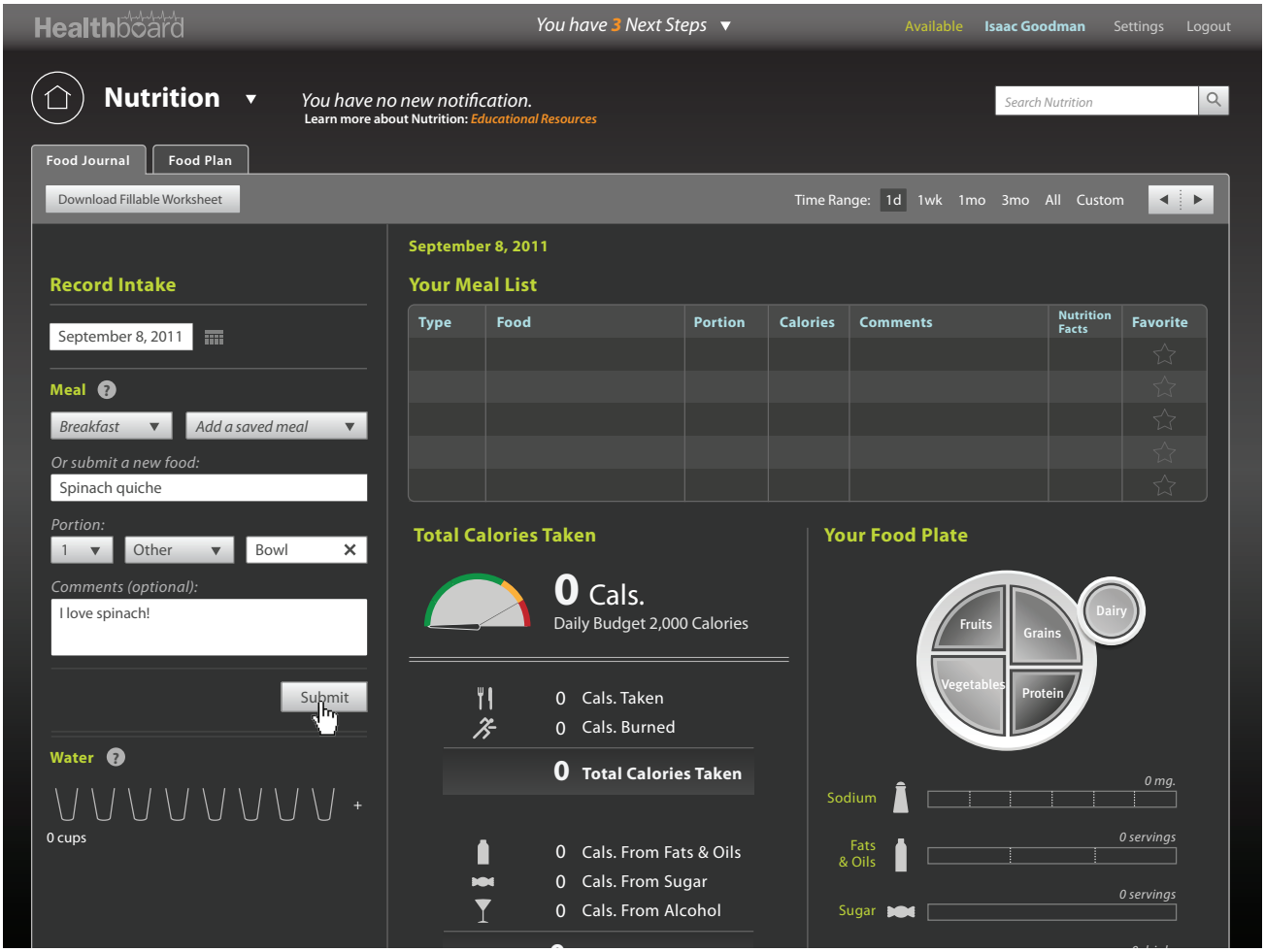
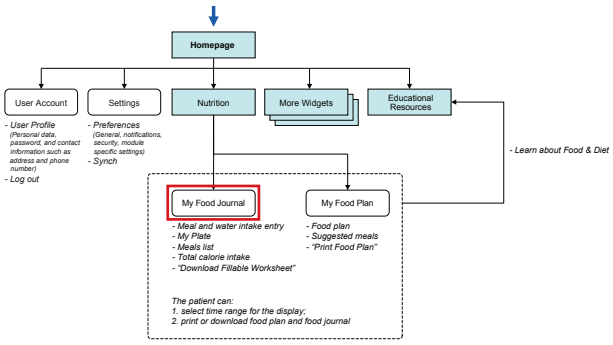
NUTRITION: FOOD ENTRY



The user clicks “Submit” button.



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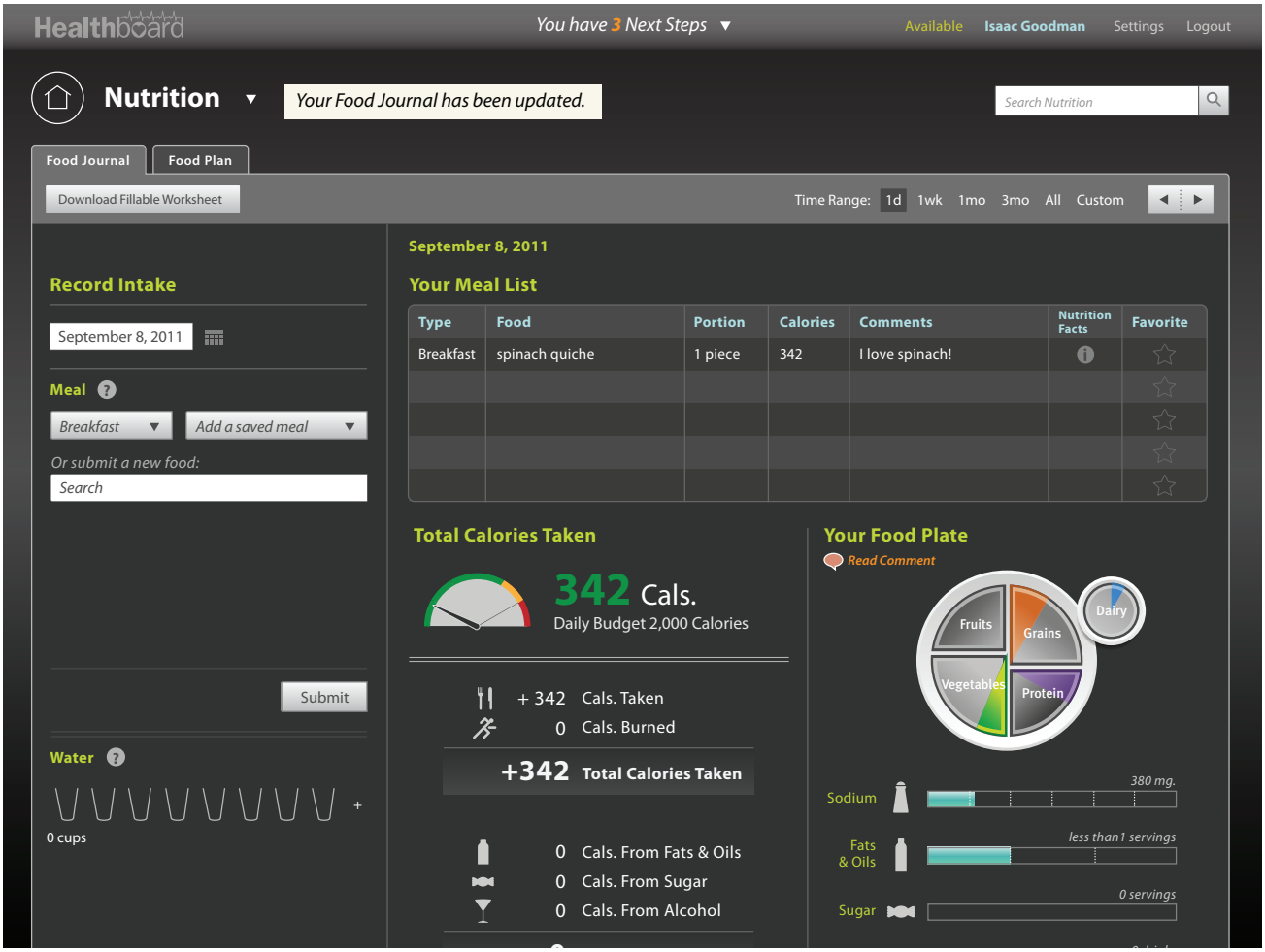
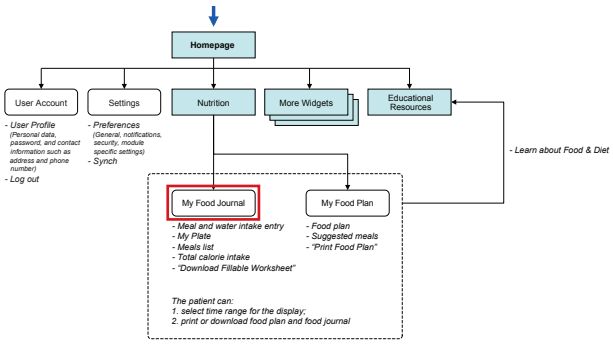
NUTRITION: ALERT



Upon entry submission, the "Food Journal" graphs is updated. Since the user entered a comment, the link to "Read Comment" appears as well.



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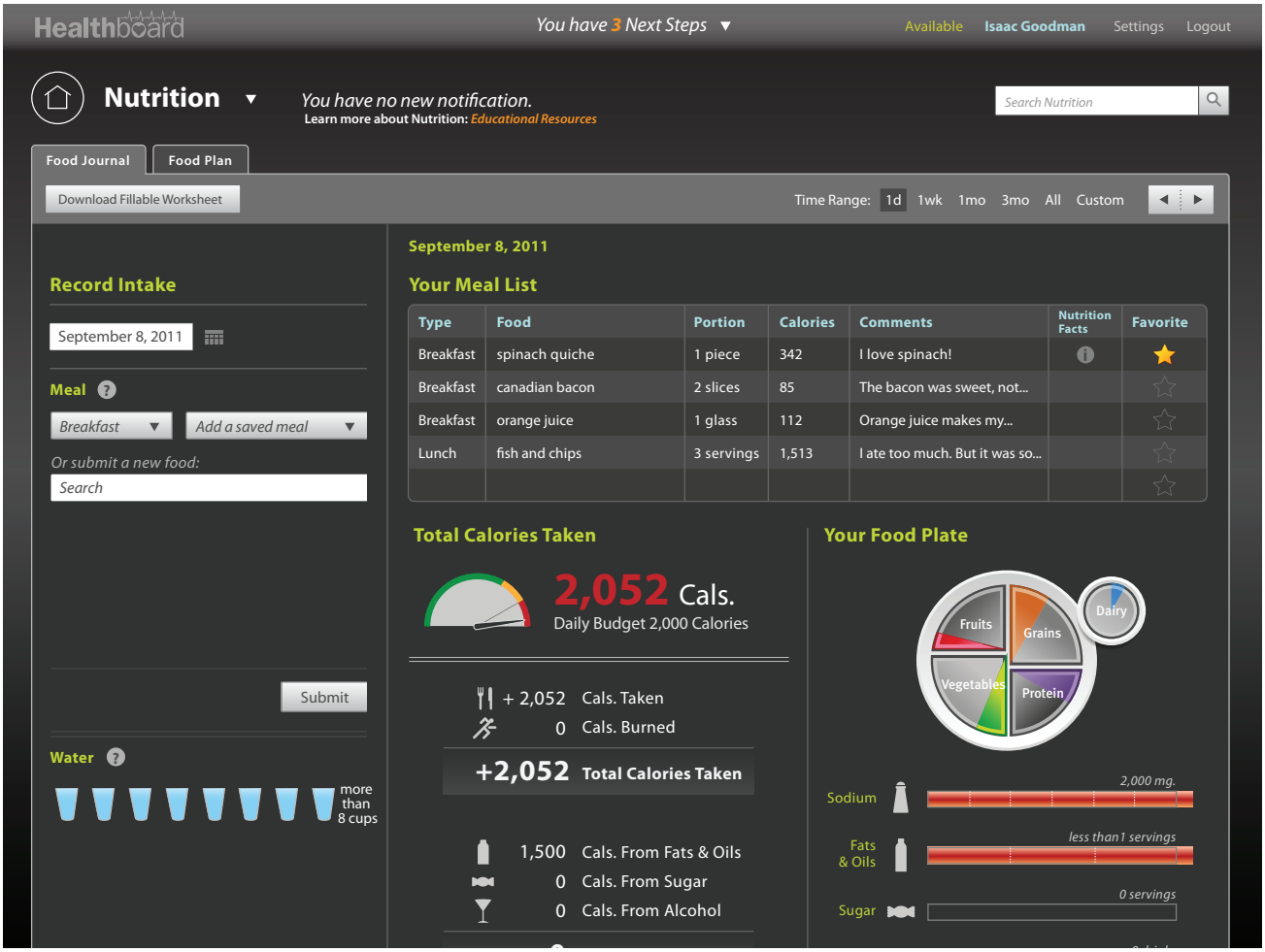
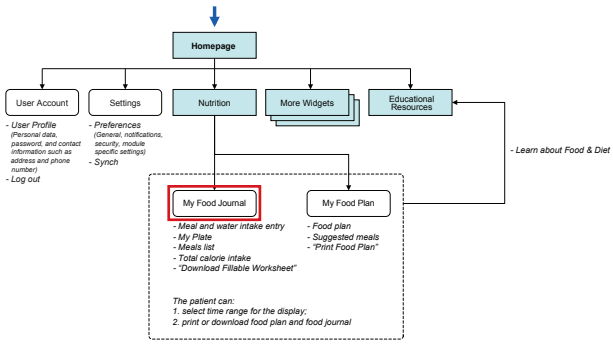
NUTRITION: ALERT



If the user consumes more than suggested, the figures and some parts of graphs turn red. On this screen, the user has overtaken calories, sodium, and fats and oils.



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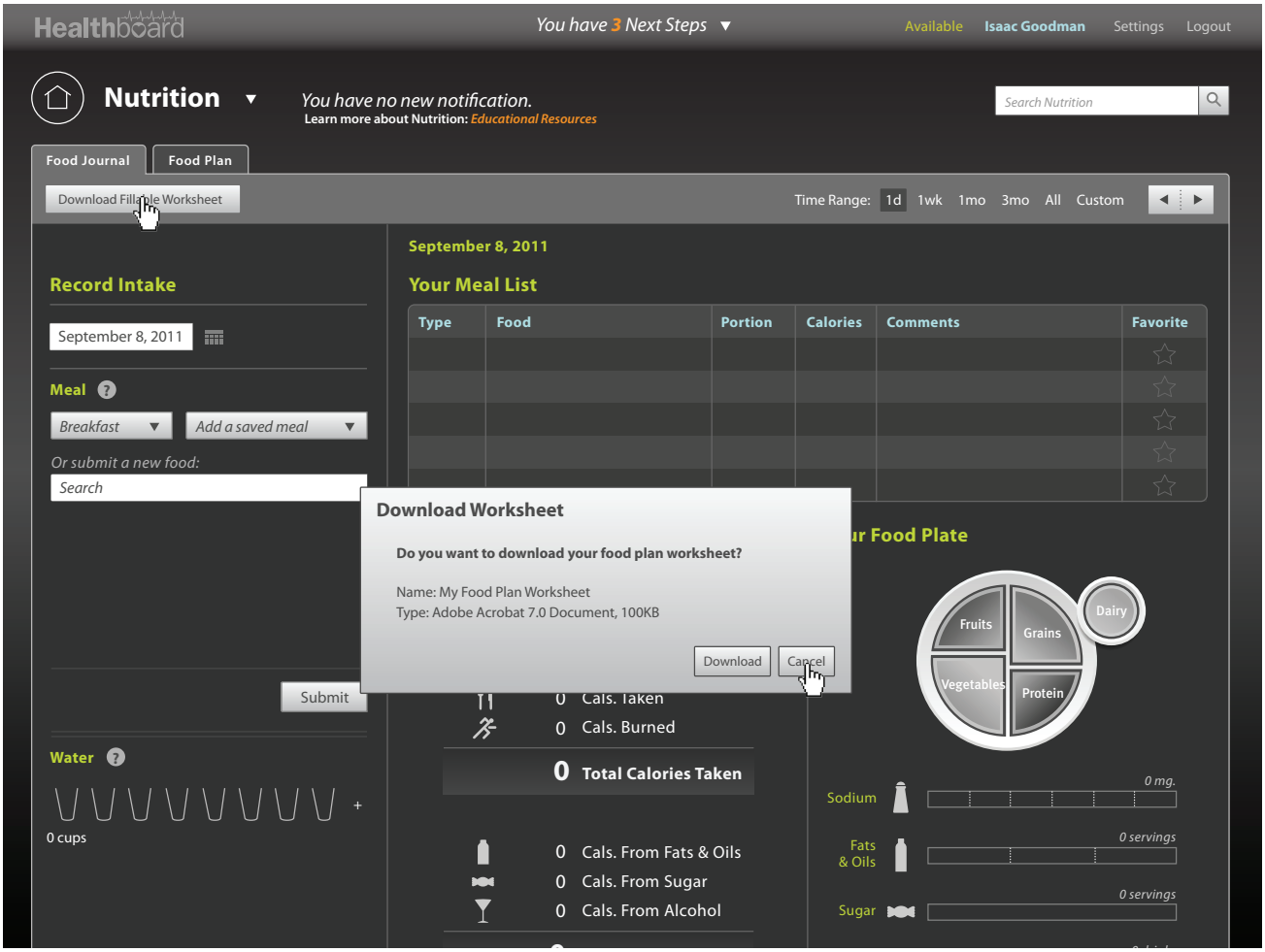
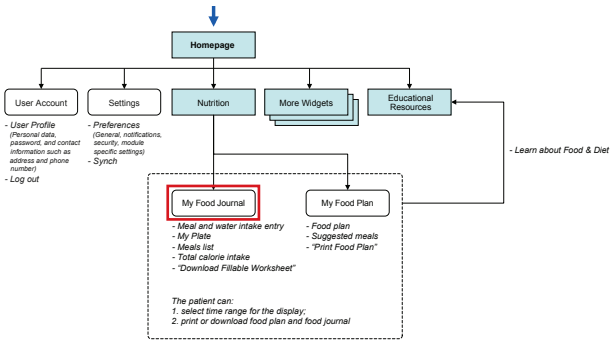
NUTRITION: MY FOOD PLAN — DOWNLOAD WORKSHEET



If the user feels more comfortable to record food consumption on paper rather than on screen, the user has an option to download the worksheet by clicking the "Download Worksheet" button in the top menu bar. The user will be prompted with a confirmation screen to confirm the download of the worksheet as a PDF file.



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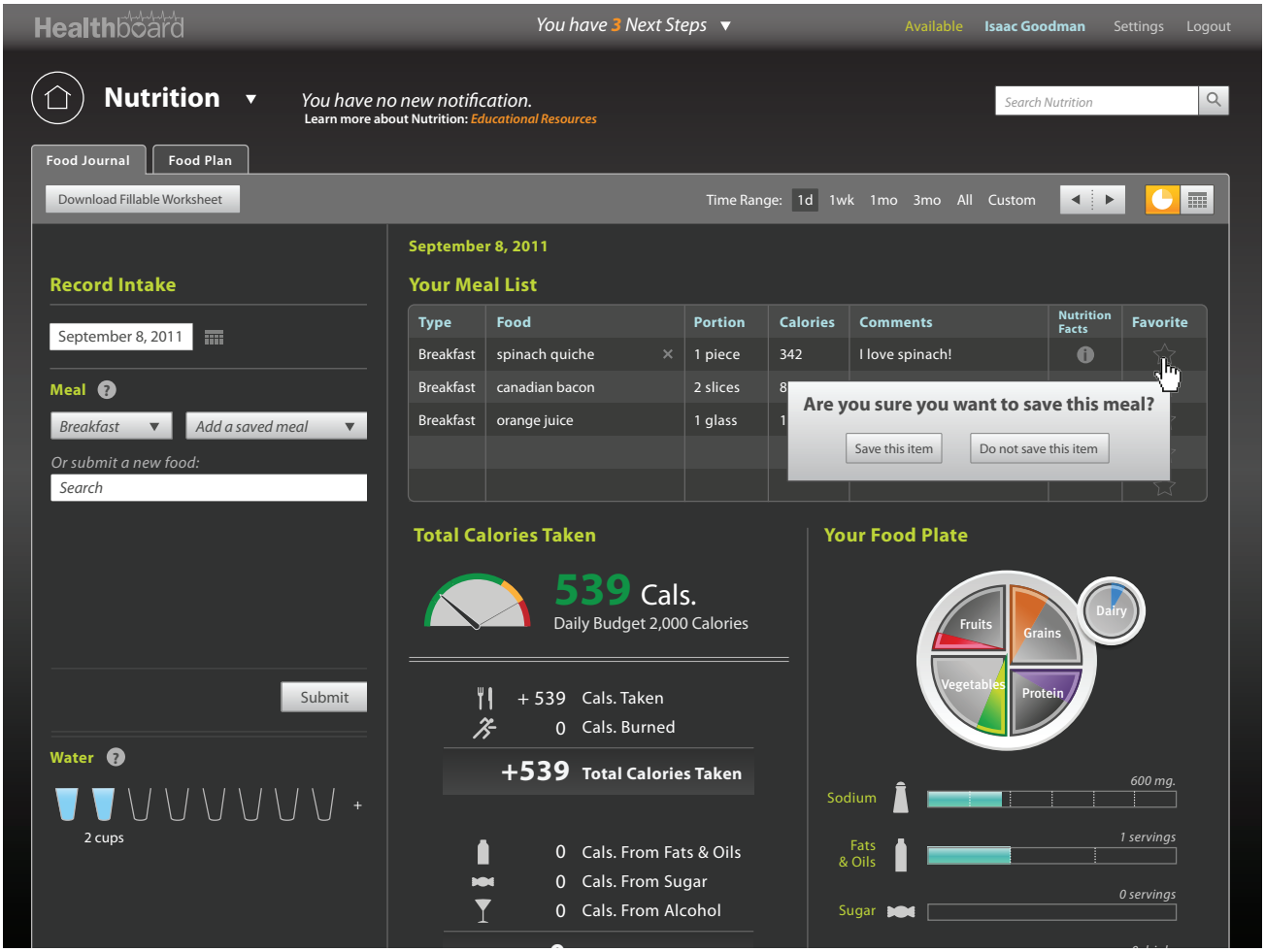
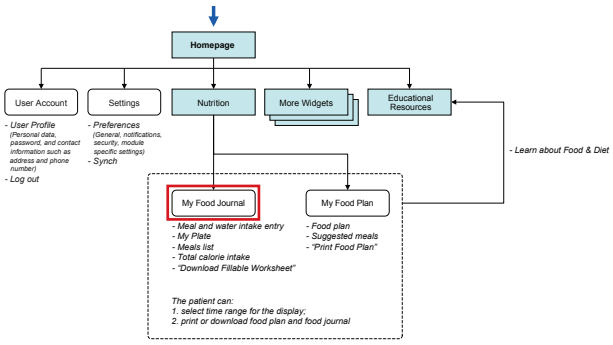
NUTRITION: MY FOOD JOURNAL — SAVING AN ITEM



The user may save an item as a favorite for future record. Once the user click on sthe favorite icon, the window will the user with a confirmation screen. The saved items will be recorded for a quick item input in the future.



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NUTRITION: MY FOOD PLAN — VIEW NUTRITION VALUES OF FOOD

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Nutrition | Your meal has been saved as a favorite. | Search Nutrition

Food Journal | Food Plan

Download Fillable Worksheet | Time Range: 1d 1wk 1mo 3mo All Custom

Record Intake

September 8, 2011

Meal

Breakfast | Add a saved meal

Or submit a new food:

Search

Submit

Water

2 cups

September 8, 2011

Your Meal List

Type	Food	Portion	Calories	Comments	Nutrition Facts	Favorite
Breakfast	spinach quiche	1 piece	342	I love spinach!		★
Breakfast	canadian bacon	2 slices	85	The bacon was sweet, ...		☆
Breakfast	orange juice	1 glass	112	Orange juice makes my...		☆
						☆
						☆

Total Calories Taken

539 Cals.
Daily Budget 2,000 Calories

+ 539 Cals. Taken
0 Cals. Burned
+539 Total Calories Taken

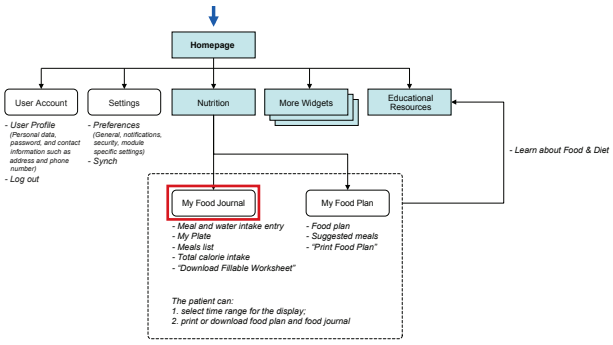
0 Cals. From Fats & Oils
0 Cals. From Sugar
0 Cals. From Alcohol

Your Food Plate

Fruits | Grains | Dairy | Vegetables | Protein

Sodium — 600 mg.
Fats & Oils — 1 servings
Sugar — 0 servings

Once the meal is saved, a confirmation message appears at the top.



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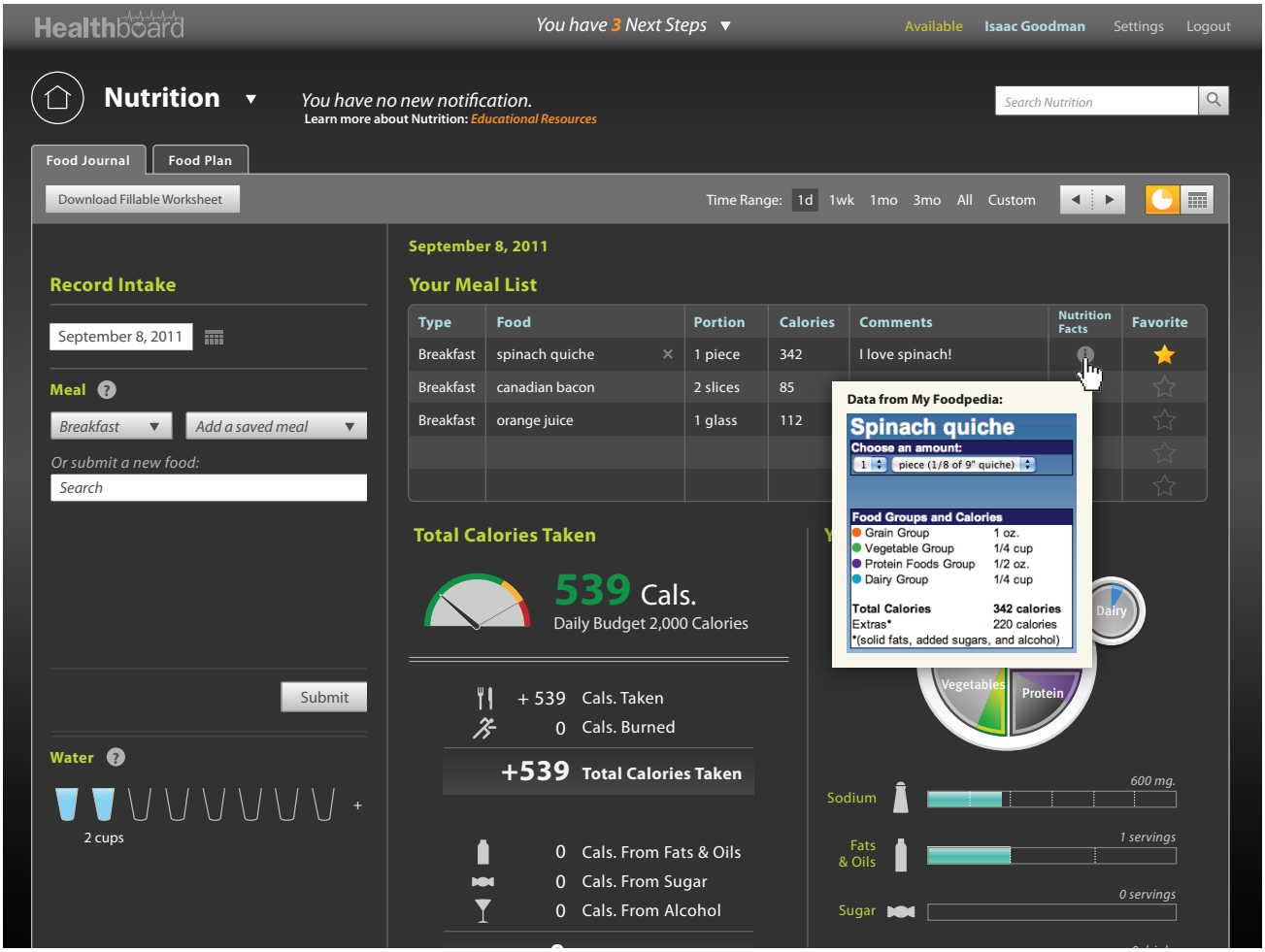
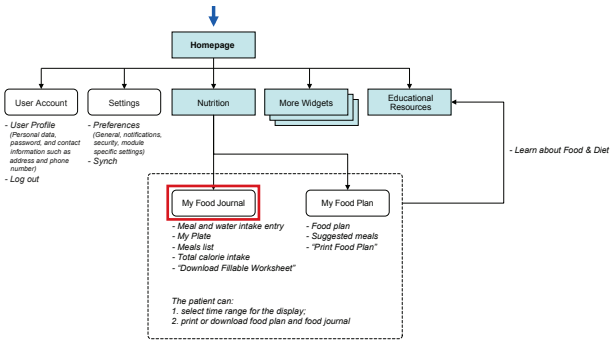
NUTRITION: MY FOOD PLAN — VIEW NUTRITION VALUES OF FOOD



The user can click on the information icon to see the nutrition information of the food. In this screen, a window shows the spinach quiche's food groups and calories.



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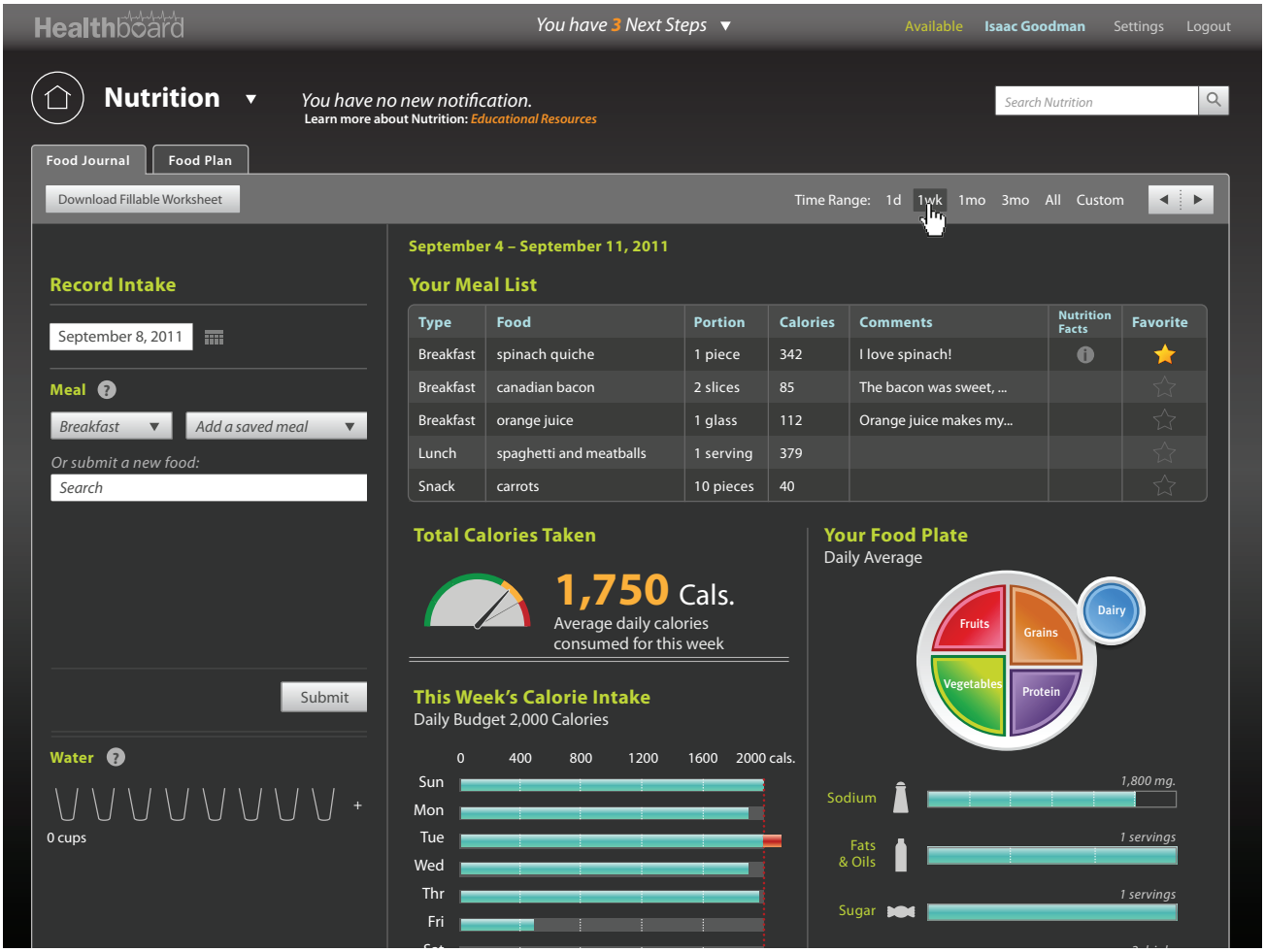
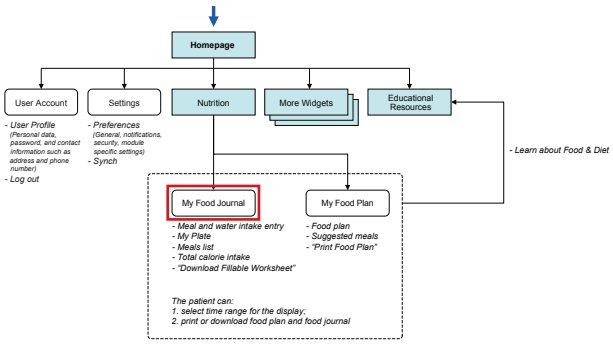
NUTRITION: MY FOOD PLAN — CHANGE TIME RANGE



The user can select time ranges. In this screen, the user selects "1 week." Under *This Week's Calorie Intake* section, there are bar graphs showing the patient's calorie intake for the week.



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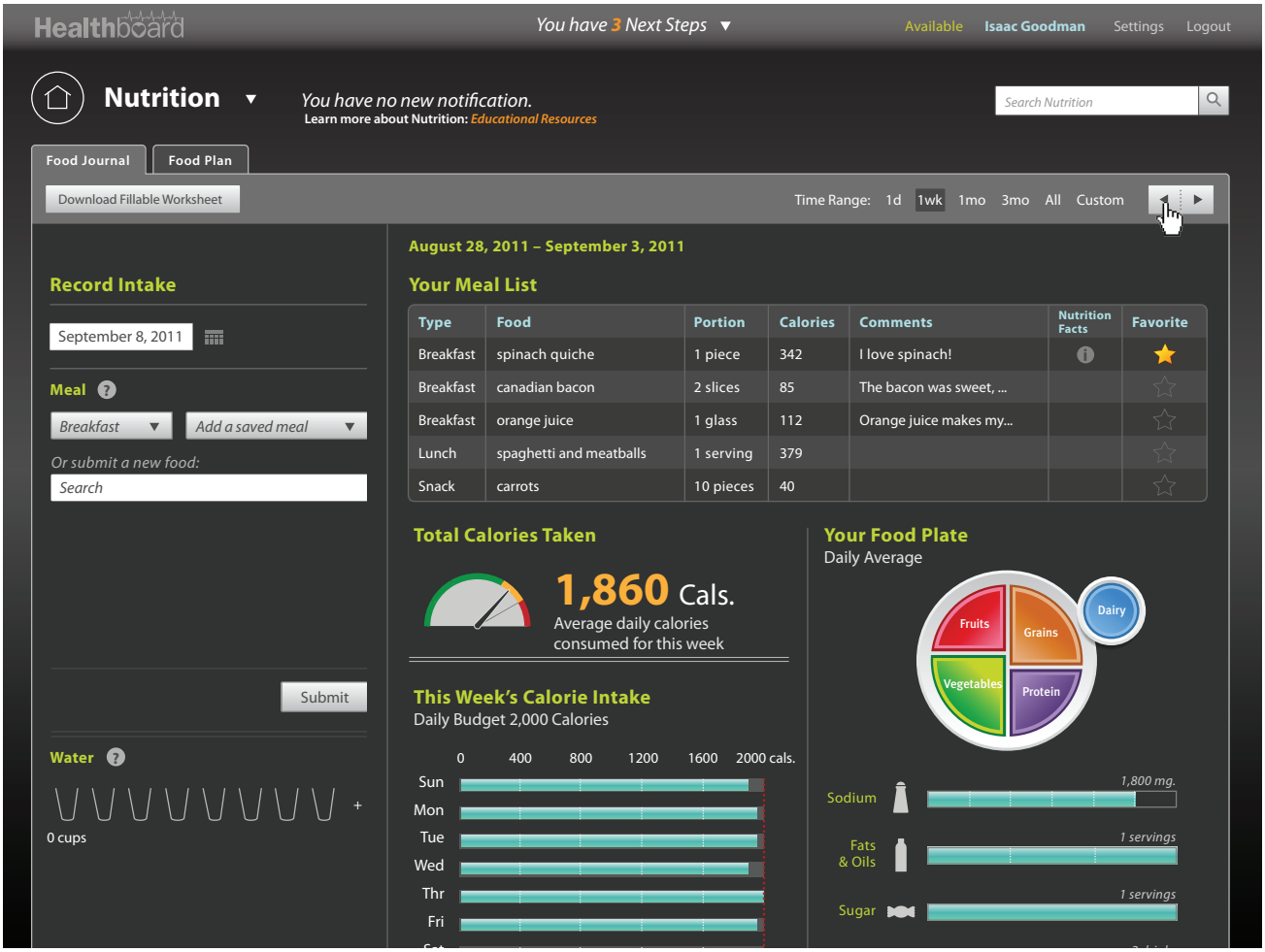
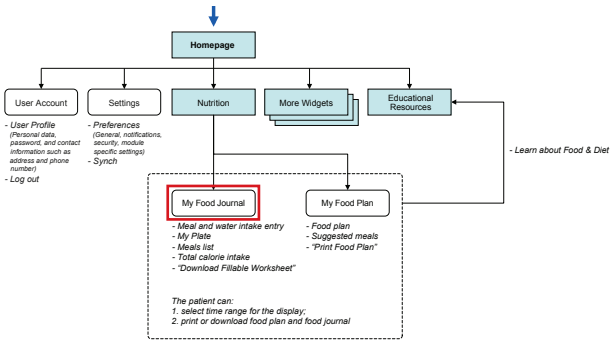
NUTRITION: MY FOOD PLAN — VIEW PREVIOUS WEEK



The user can easily access previous or next week's records by clicking the arrow buttons next to the time range options. The information is displayed in a table in a range of seven days since the time range of one week is selected.



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NUTRITION: MY FOOD PLAN — CHANGE TIME RANGE

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Nutrition

You have no new notification.
Learn more about Nutrition: Educational Resources

Search Nutrition

Food Journal | Food Plan

Download Fillable Worksheet

Time Range: 1d 1wk 1mo 3mo All Custom

Record Intake

September 8, 2011

Meal

Breakfast | Add a saved meal

Or submit a new food:

Search

Submit

Water

0 cups

September, 2011

Your Meal List

Type	Food	Portion	Calories	Comments	Nutrition Facts	Favorite
Breakfast	spinach quiche	1 piece	342	I love spinach!		★
Breakfast	canadian bacon	2 slices	85	The bacon was sweet, ...		☆
Breakfast	orange juice	1 glass	112	Orange juice makes my...		☆
Lunch	spaghetti and meatballs	1 serving	379			☆
Snack	carrots	10 pieces	40			☆

Total Calories Taken

1,960 Cals.
Average daily calories for the month of September

This Month's Calorie Intake
Daily Budget 2,000 Calories

2000 cals.

Aug 11 | Aug 18 | Aug 25 | Sep 1 | Sep 8

Your Food Plate
Daily Average

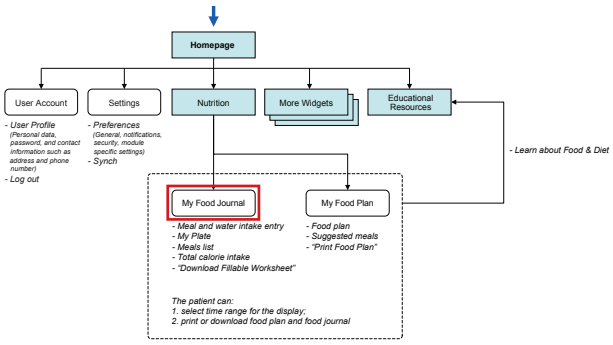
Fruits | Grains | Dairy | Vegetables | Protein

Sodium — 1,800 mg.

Fats & Oils — 2 – 3 servings

Sugar — less than 1 servings

The user changes the time range to "1 month."



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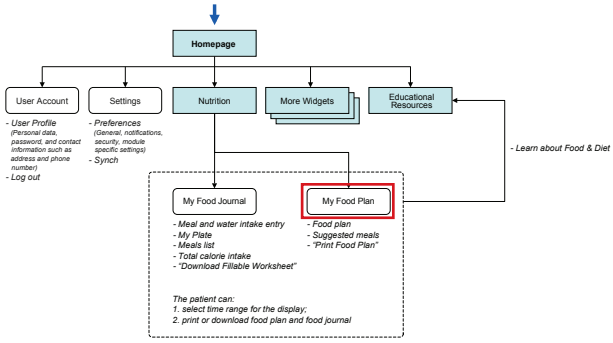
NUTRITION: MY FOOD PLAN

The user clicks "My Food Plan" tab to view the detail information about his food plan suggested by the provider. The user can view the assignee, starting date, goal and direction of the food plan. The user can also learn about how much food he can eat in different food groups.

The patient can also learn what food to eat and avoid through images. The patient can learn about nutrition more in depth in the *Educational Resources* module.



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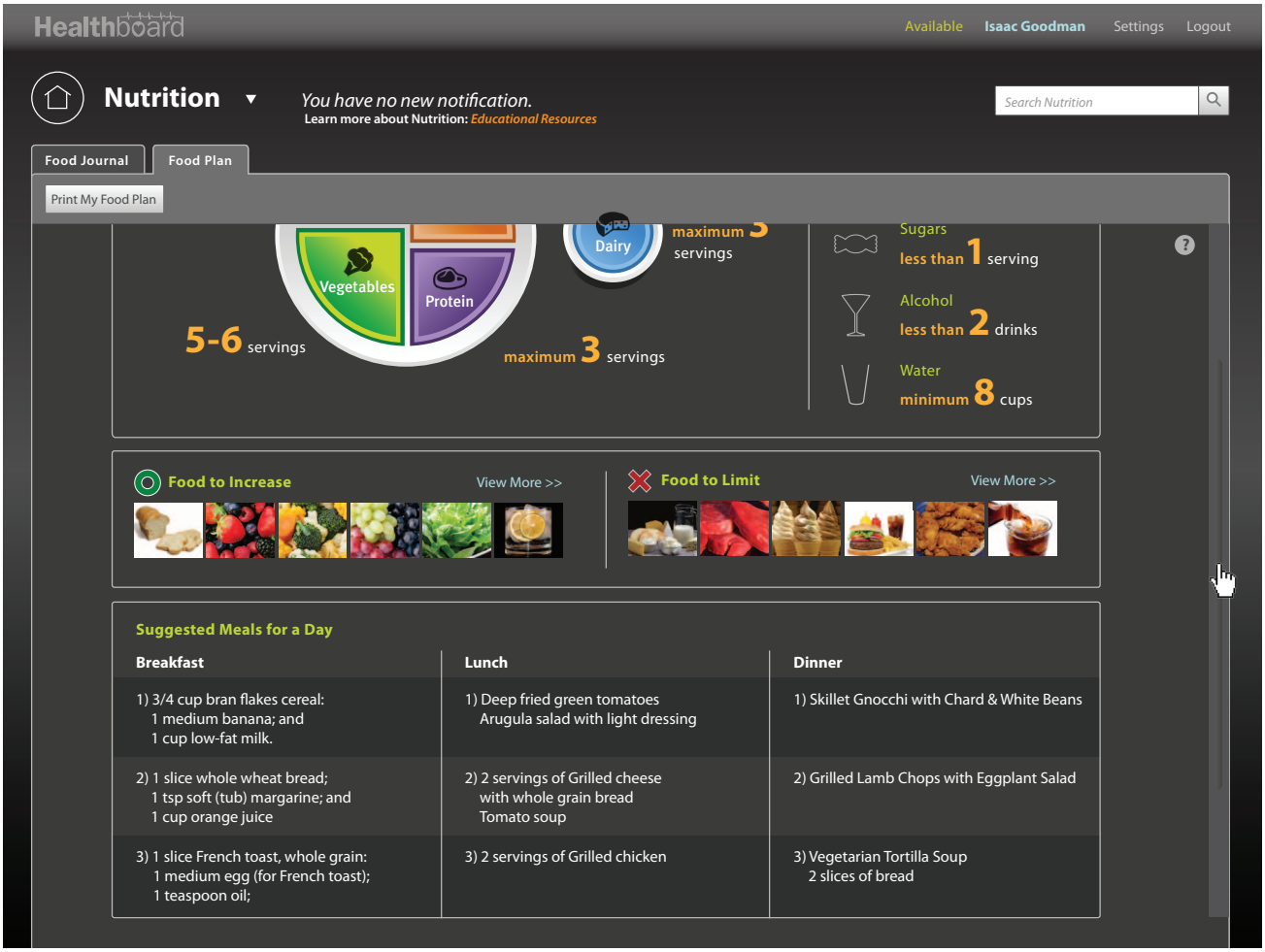
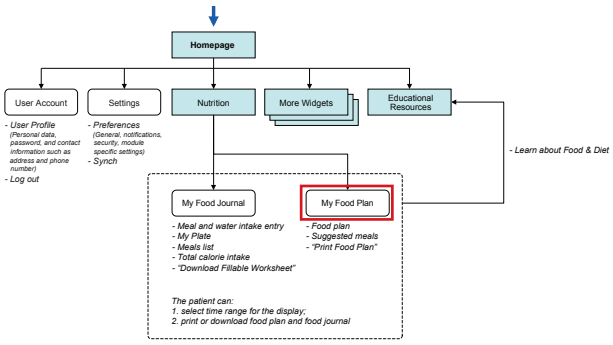
NUTRITION: MY FOOD PLAN



The user can scroll down to see *Suggested Meals for a Day.*



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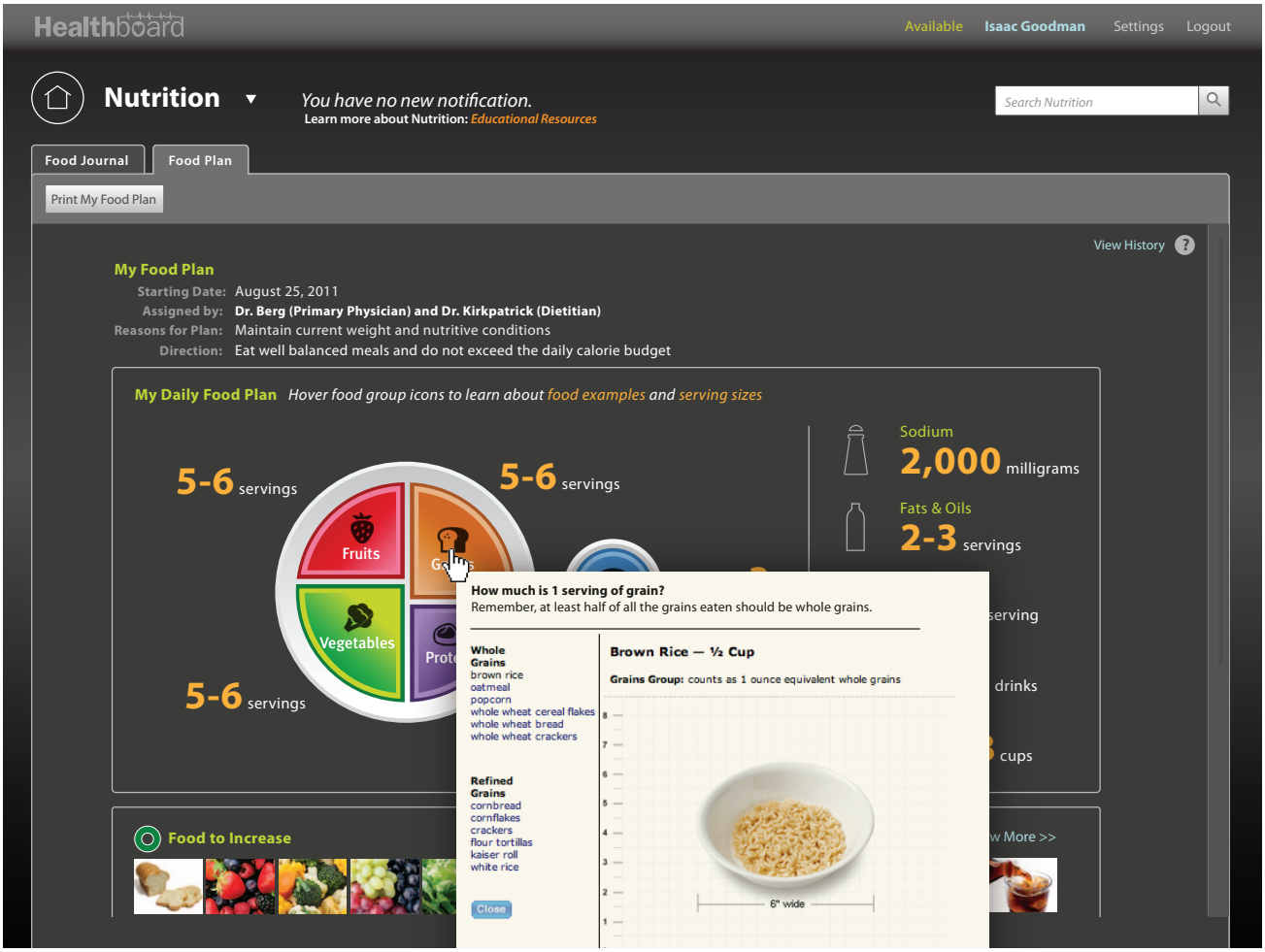
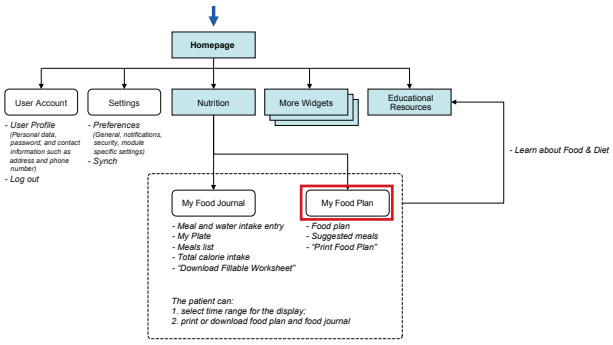
NUTRITION: MY FOOD PLAN — SERVING SIZE



The user can hover each individual component of the meal to display more in-depth information about the nutritional values of the food.



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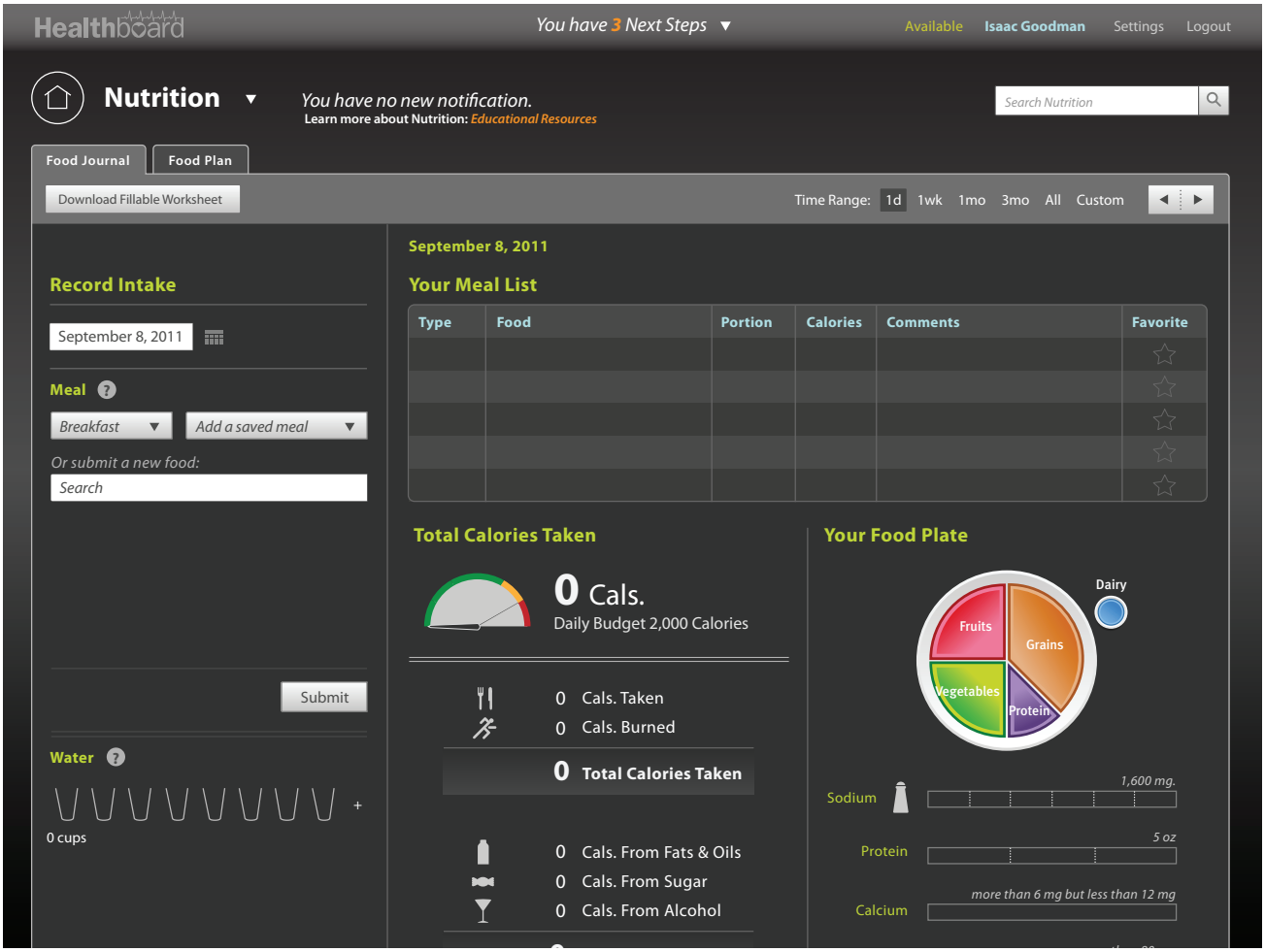
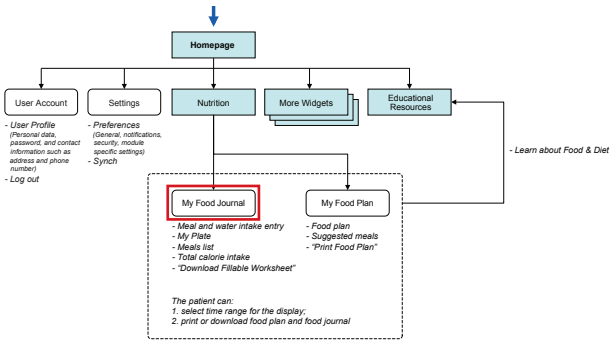
NUTRITION: FOOD PLAN FOR THE PATIENT WITH KIDNEY



The provider can assign a dietary plan tailored to the patient's health condition. This screen shows the "Food Journal" tab for the patient with kidney disease. Notice that the graphs and values in the *Your Food Plate* section are different from that of a normal diet plan.



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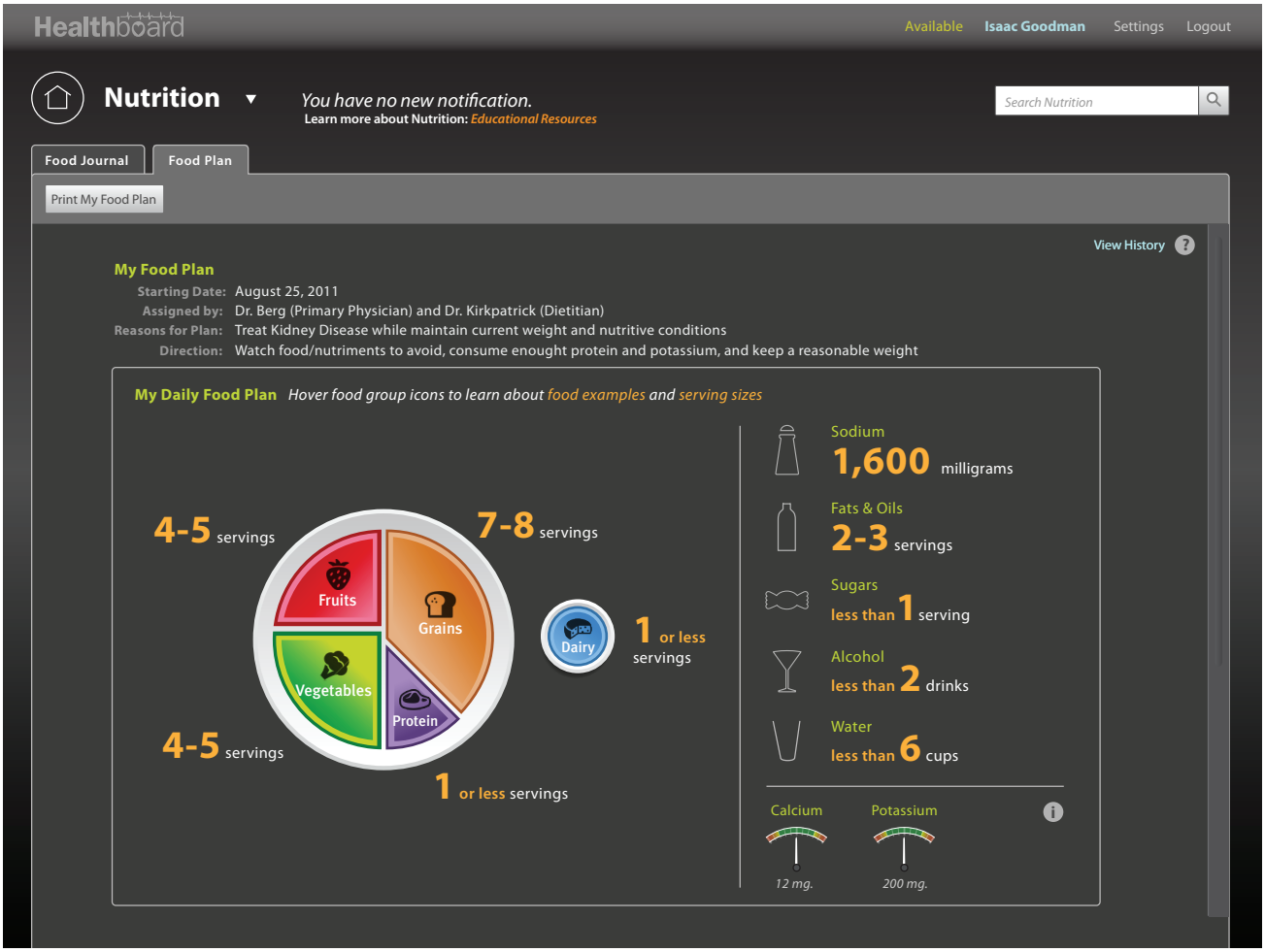
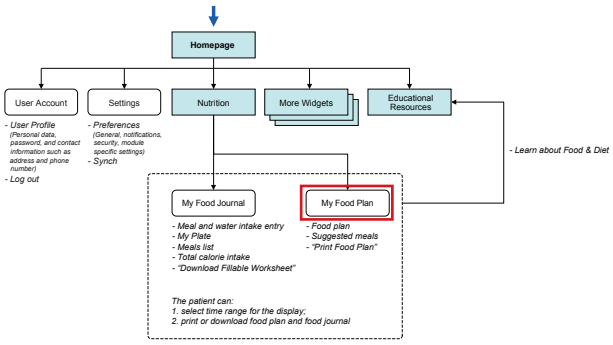
NUTRITION: FOOD PLAN FOR THE PATIENT WITH KIDNEY



The serving sizes for each food group and substance are adjusted based on the assigned dietary plan. In this screen, the recommended intake amount for Protein and Dairy appear smaller as the healthcare providers assign such serving sizes in consideration of patient's health condition.



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New York, NY 10011
212 229 6825
piim.newschool.edu

Educational Resources

INTRODUCTION This section of the Detailed GUI Volume documents the design of the Patient Portal's *Educational Resources* function set for the Visual Dashboard for a Patient Centered Medical Home (PCMH). The documentation includes both workflow diagrams and visual models: the workflow diagrams detail the user experience and interactions within this module, and the visual models present graphic assets and elements within this module.

The following are high-level objectives for *Educational Resources*:

- To allow the user to search and browse for various health-related articles through keywords, as well as uniquely developed information taxonomy and architecture.

- To allow the patient to view recommended articles selected by healthcare providers, articles recommended by the system based on patient's biometric data (e.g., gender, age, location, etc.), recent activities within the system.

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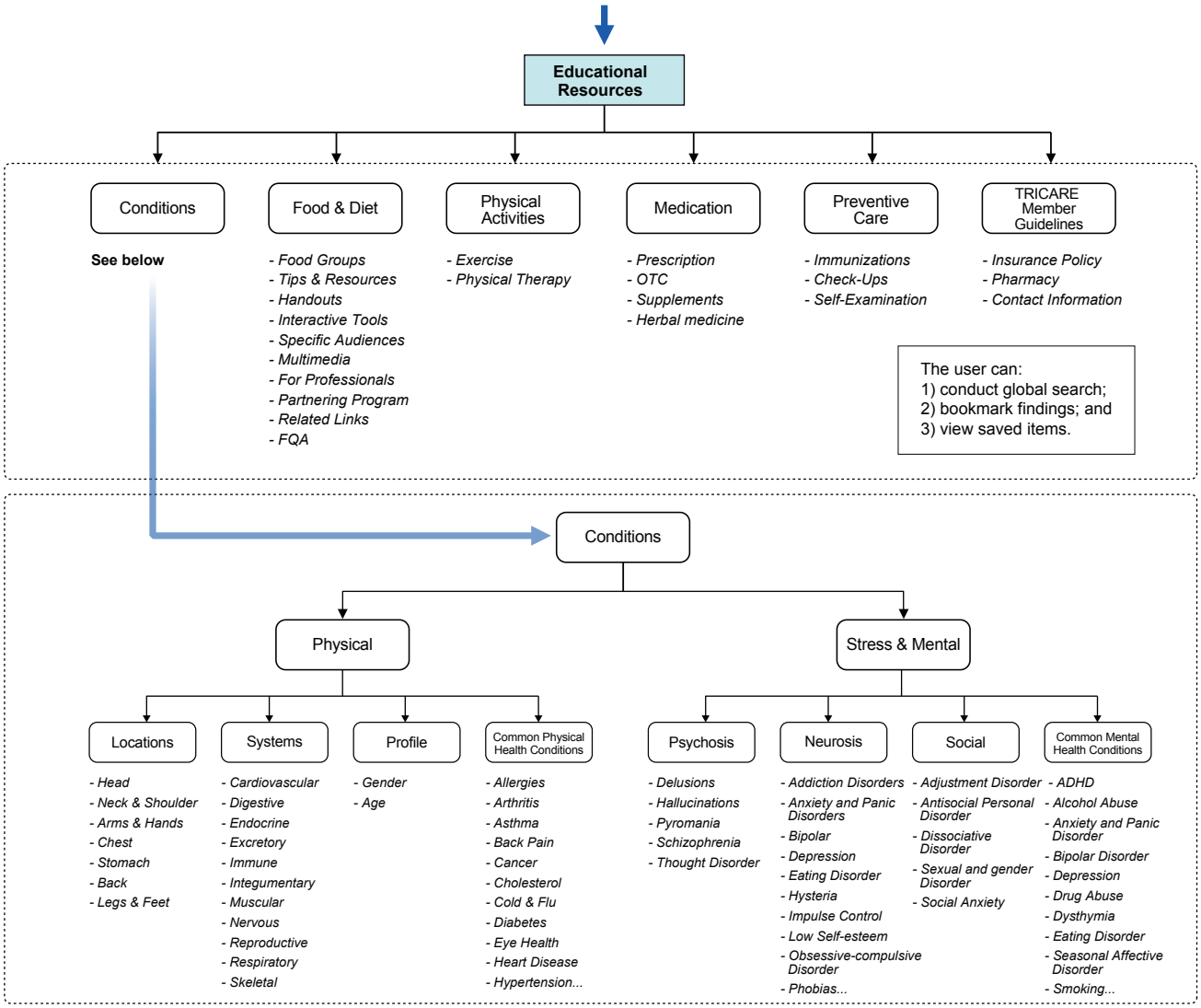
FLOWCHART FOR EDUCATIONAL RESOURCES MODULE



LEGEND

- Gateway to the site
- Relationships between pages and/or components
- Page
- Page components
- Groups of related pages

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EDUCATIONAL RESOURCES: HOME

Healthboard | You have 3 Next Steps ▼ | Available | Isaac Goodman | Settings | Logout

Educational Resources ▼

Search terms | My Bookmarks ▼ | 1 of 1

Home | Print

- Physical Conditions ▶
- Mental Conditions ▶
- Food & Diet ▶
- Physical Activities ▶
- Medications ▶
- Preventive Care ▶
- TRICARE Member Guidelines ▶

September 24, 2011

Topics recommended by your ***healthcare provider***:
View my ***Medical Records***

Balancing Calories
- *Enjoy your food, but eat less*
- *Avoid oversized portions*

Foods to Increase
- *Make half your plate fruits and vegetables*
- *Make at least half your grains whole grains*
- *Switch to fat-free or low-fat (1%) milk*

Living with Diabetes
- *Diabetes Superfoods*
- *Blood Glucose Control*
- *Medications*

Based on your recent ***weight gain***, here are topics you should read:
View your weight in ***Vital Signs***

Losing Weight
- *Evaluator: Assess Your Diet*
- *Fitness for Couch Potatoes*

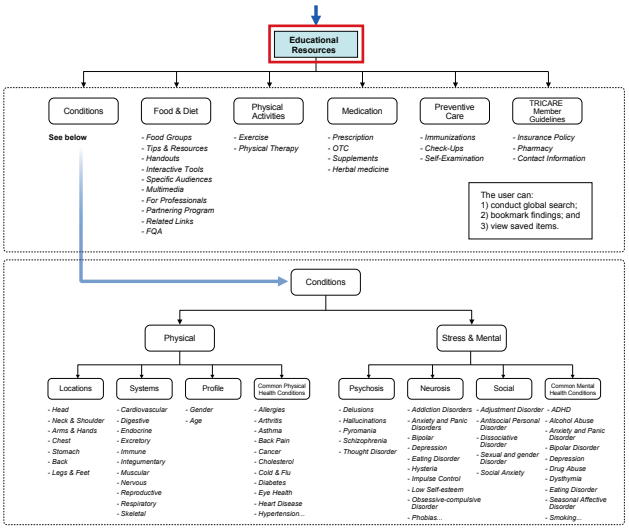
Get Lean
- *Cardiovascular Exercise: The Basics*
- *Food & Fitness Planner: Get Started*

Learn more about ***vaccines*** you need to take:
View your records in ***Immunization***

Measles, Mumps and Rubella (MMR)
- *What is MMR?*
- *Benefits & Risks of MMR vaccine*

The user can access *Education Resources* from *Homepage*. The landing screen consists of three major components: topics/articles recommended by healthcare providers, topics/articles recommended by the systems based on the patient's recent activities, and based on the patient's recent health conditions.

The search box on the top row allows for the user to quickly find information according to a subject they have in mind. *My Bookmarks* allows the user to easily re-access the saved articles.



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EDUCATIONAL RESOURCES: HOME

Healthboard | You have 3 Next Steps ▼ | Available | Isaac Goodman | Settings | Logout

Educational Resources ▼

Search terms | My Bookmarks ▼ | 1 of 1

Home | Print

- Physical Conditions ▶
- Mental Conditions ▶
- Food & Diet ▶
- Physical Activities ▶
- Medications ▶
- Preventive Care ▶
- TRICARE Member Guidelines ▶

September 24, 2011

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View your records in ***Immunization***

Measles, Mumps and Rubella (MMR)
- *What is MMR?*
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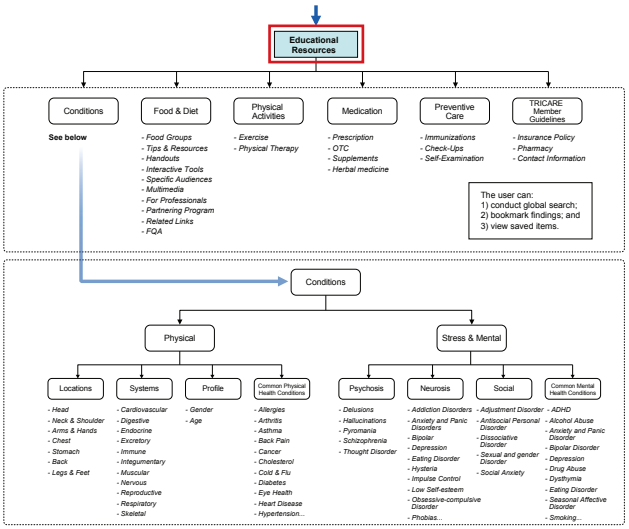
The left column provides a list of categories for the user to browse: "Physical Conditions," "Mental Conditions," "Food & Diet," "Physical Activities," "Medications," "Preventive Care," and "TRICARE Member Guidelines." It also helps the user to narrow down the information they want to obtain.

The user clicks on "Food & Diet."



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EDUCATIONAL RESOURCES: FOOD & DIET

Healthboard | You have 3 Next Steps ▼ | Available | Isaac Goodman | Settings | Logout

Educational Resources ▼

Search terms | My Bookmarks ▼ | 1 of 1

Home > **Food & Diet** | Print

« Back
- Food Groups
- Tips & Resources
- Handouts
- Interactive Tools
- Specific Audiences
- Multimedia
- For Professionals
- Partnering Program
- Related Links
- FQA

September 24, 2011

Fruits, Grains, Dairy, Vegetables, Protein — ChooseMyPlate.gov

Handouts

Dietary Guidelines for Americans, 2010
Released January 31, 2011
Selected Messages for Consumers
Questions and Answers
Consumer Brochure

More Handouts:
- *Facts about Fat*
- *Getting Started with MyPlate*
- *10 Tips Nutrition Education Series*
- *Sample Menus*

I Want To...
Eat healthy on a budget
Look up a food
Learn about food groups
Get a personalized Plan
Learn healthy eating tips
Get weight loss information
Plan a healthy menu
Analyze my diet
Get MyPlate updates
Ask a question

Balancing Calories
- *Enjoy your food, but eat less*
- *Avoid oversized portions*

Take Control of Your Food
- *Eat at home so you know what you are eating*
- *If you eat out, check the nutrition information*
- *Choose healthier options (baked instead of fried)*

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- *Make half your plate fruits and vegetables*
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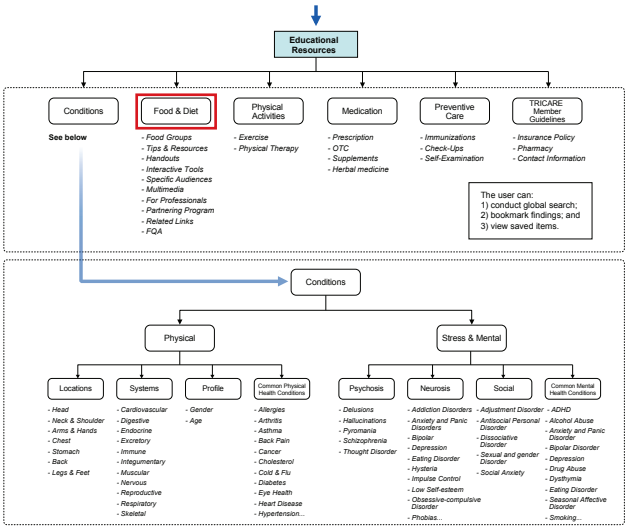
Avoid Oversized Portions
- *Use a smaller plate, bowl, and glass*
- *Portion out foods before you eat*
- *When eating out, try sharing a dish*

Foods to Reduce
- *Compare sodium in foods and choose the foods with lower numbers*
- *Drink water instead of sugary drinks*

Drink water instead of Sugary Drinks
- *Choose to drink water or unsweetened beverages*
- *Soda, energy drinks, and sports drinks are a major source of added sugar and calories*

Upon entering, the user is provided with a link to ChooseMyPlate.gov and sections *Handouts* and *I Want To...*, each providing various links relevant to the subject. The bottom portion has a list of suggestions that the user may find helpful. The user also has the option of choosing from a list of categories offered in the left column.



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EDUCATIONAL RESOURCES: FOOD & DIET

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Educational Resources

Search terms | My Bookmarks | 1 of 1

Home > Food & Diet | Print

« Back
- Food Groups
- Tips & Resources
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- Multimedia
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Drink water instead of Sugary Drinks
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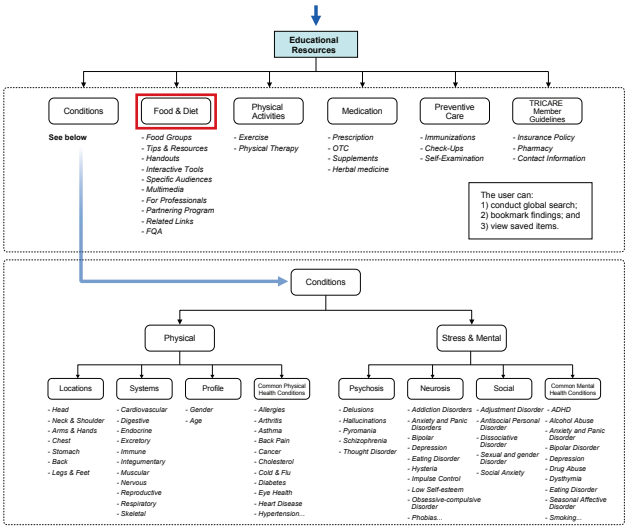
The user clicks *Facts about Fat* under *Handouts*.



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EDUCATIONAL RESOURCES: FOOD & DIET — HANDOUTS

Healthboard | You have 3 Next Steps ▼ | Available | Isaac Goodman | Settings | Logout

Educational Resources ▼

Search terms | My Bookmarks ▼ | 1 of 2

Home > Food & Diet > Handouts > **Facts about Fat** | Print | Download PDF

« Back

Dietary Guidelines for Americans, 2010

Facts about Fat

Getting Started with MyPlate

10 Tips Nutrition Education Series

Sample Menus

All fats are composed of a mixture of three types of fat–saturated, monounsaturated and polyunsaturated fat.

Animal fats are composed of more saturated fats and vegetable fats are composed of primarily unsaturated fats.

Go to Next Page »

Unhealthy

Read about ***Healthy Fat*** »

Trans Fat:
Raises LDL-C/lower HDL-C

When vegetable oil is changed from a liquid, at room temperature, to a solid at room temperature, **trans fats** are created. This process is called hydrogenation. This process preserves the shelf life of a food and changes the product's textures.

On the label, fats will be identified as **hydrogenated** or **partially hydrogenated**. Check the food label to see if there are trans fats in the product. If so, avoid the food and choose another food that is similar without trans fats.

Saturated Fat:
Raises LDL

Red meats | *Cheese* | *Processed meats*

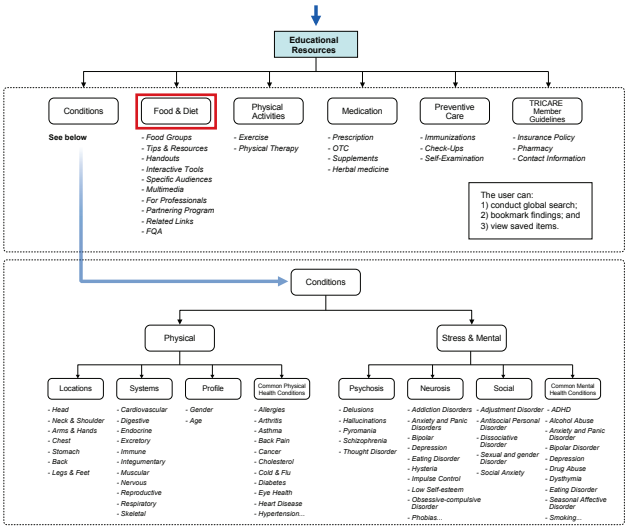
Whole and 2% Milk | *Whole milk yogurt* | *Ice cream*

Butter | *Pastries* | *Coconut oil, palm kernel oil*

Fried food | *Fast food*

This screen provides the user with general information about fats and details on unhealthy fats under *Unhealthy,* accompanied by images and captions.

By clicking on the "Print" and "Download PDF" buttons, the user can print the guide or download a PDF version of the given information.



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EDUCATIONAL RESOURCES: FOOD & DIET — HANDOUTS

Healthboard | You have 3 Next Steps ▼ | Available | Isaac Goodman | Settings | Logout

Educational Resources ▼

Search terms | My Bookmarks ▼ | 1 of 2

Home > Food & Diet > Handouts > **Facts about Fat** | Print | Download PDF

« Back

Dietary Guidelines for Americans, 2010

Facts about Fat

Getting Started with MyPlate

10 Tips Nutrition Education Series

Sample Menus

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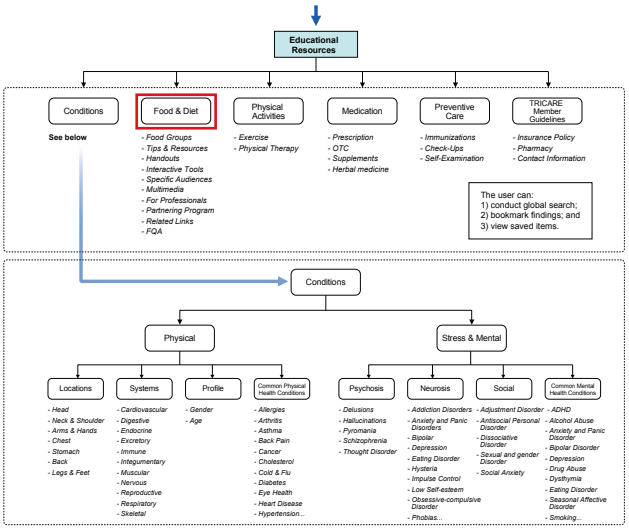
Whole and 2% Milk | *Whole milk yogurt* | *Ice cream*

Butter | *Pastries* | *Coconut oil, palm kernel oil*

Fried food | *Fast food*

The user has the option to go to the second page by clicking on "Go to the Next Page" link or by clicking on the arrow on the top right. The user clicks on the arrow.



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EDUCATIONAL RESOURCES: FOOD & DIET — HANDOUTS

Healthboard | You have 3 Next Steps ▼ | Available | Isaac Goodman | Settings | Logout

Educational Resources ▼

Search terms | My Bookmarks ▼ | 2 of 2

Home > Food & Diet > Handouts > **Facts about Fat** | Print | Download PDF

« Back

Dietary Guidelines for Americans, 2010

Facts about Fat

Getting Started with MyPlate

10 Tips Nutrition Education Series

Sample Menus

All fats are composed of a mixture of three types of fat–saturated, monounsaturated and polyunsaturated fat.

Animal fats are composed of more saturated fats and vegetable fats are composed of primarily unsaturated fats.

« Back to Previous Page

Healthy

« Read about ***Unhealthy Fat***

Monosaturated Fat:
Raises LDL-C
lowers HDL-C

Olive oil | *Canola oil*

Peanut oil | *Nuts*

Seeds | *Tofu*

Peanut butter (natural) | *Avocado*

Polyunsaturated Fat:
May lower LDL-C
Lowers HDL-C

Corn oil

Safflower oil

Soybean oil

Sunflower oil

Omega-3:
Commonly called "fish oil"

Salmon | *Tuna*

Mackerel | *Herring*

*Flaxseed (ground/oil)** | *Walnuts**

*Omega-3 Supplements:***

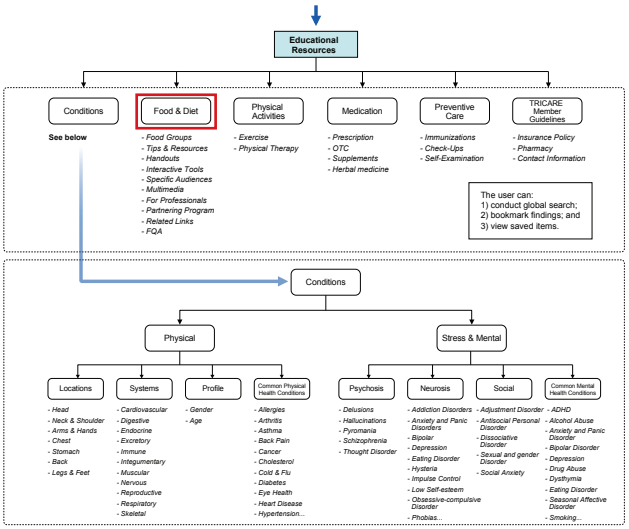
Omega-3 from the listed food sources is preferred. However, if you take supplements, the American Heart Association recommends:

- *1 gram EPA + DHA if documented heart disease*
- *2 to 4 grams EPA + DHA for high triglycerides*

*Not as enriched.
**Always check with your doctor before taking dietary supplements.

This screen provides the user with general information about fats and details on healthy fats under *Healthy,* accompanied by images and captions.

As offered on the *Unhealthy* page, the user can utilize the "Print" button to print the guide or the "Download PDF" button to download the PDF version.



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EDUCATIONAL RESOURCES: FOOD & DIET — HANDOUTS

Healthboard | You have 3 Next Steps ▼ | Available | Isaac Goodman | Settings | Logout

Educational Resources ▼

Search terms | My Bookmarks ▼ | 2 of 2

Home > Food & Diet > Handouts > **Facts about Fat** | Print | Download PDF

« Back

Dietary Guidelines for Americans, 2010

Facts about Fat

Getting Started with MyPlate

10 Tips Nutrition Education Series

Sample Menus

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« Back to Previous Page

Healthy

« Read about ***Unhealthy Fat***

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Peanut oil | *Nuts*

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May lower LDL-C
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Safflower oil

Soybean oil

Sunflower oil

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Commonly called "fish oil"

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- *1 gram EPA + DHA if documented heart disease*
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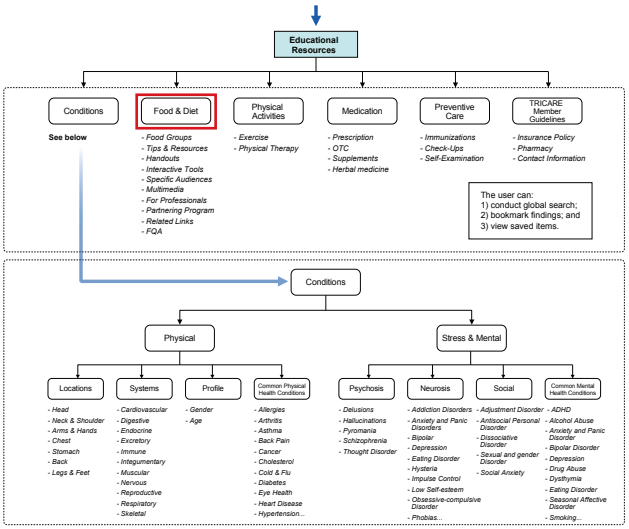
*Not as enriched.
**Always check with your doctor before taking dietary supplements.

The user is able to retrace his steps back by looking at the breadcrumbs; he clicks on "Food & Diet."



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EDUCATIONAL RESOURCES: FOOD & DIET

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Educational Resources

Search terms | My Bookmarks | 1 of 1

Home > Food & Diet | Print

« Back
- Food Groups
- Tips & Resources
- Handouts
- Interactive Tools
- Specific Audiences
- Multimedia
- For Professionals
- Partnering Program
- Related Links
- FQA

September 24, 2011

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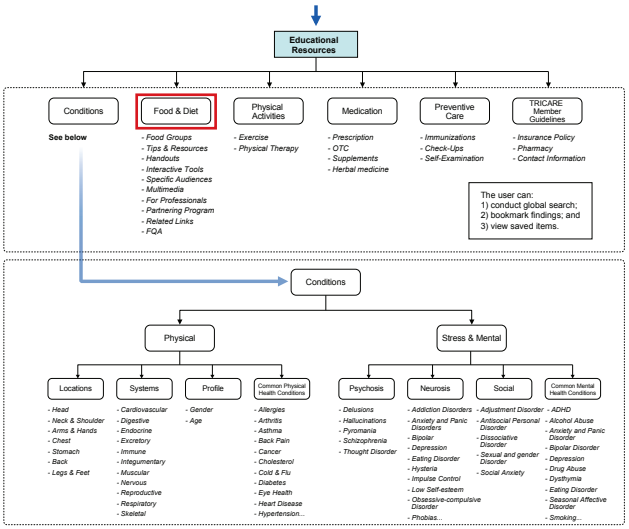
- *Drink water instead of sugary drinks*

Drink water instead of Sugary Drinks
- *Choose to drink water or unsweetened beverages*
- *Soda, energy drinks, and sports drinks are a major source of added sugar and calories*

The user is brought back to the "Food & Diet" screen and clicks on "Related Links."



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EDUCATIONAL RESOURCES: FOOT & DIET — RELATED LINKS

Healthboard | You have 3 Next Steps ▼ | Available | Isaac Goodman | Settings | Logout

Educational Resources ▼

Search terms | My Bookmarks ▼ | 1 of 3

Home > Food & Diet > **Related Links** | Print

« Back

Team Nutrition

Know Your Farmer, Know Your Food

Farmers Markets

Food and Nutrition Information

Fruits and Vegetable Video Center

Fruits and Veggies —More Matters

Dietary Guidelines for Americans, 2010

Nutrition Facts Label

Food and Nutrition Service Assistance Program

Food Safety Info.

Physical Activity

Food Composition

Coronary Heart Disease/Cardio-Vascular Disease

Team Nutrition Copy URL
Source: USDA Food and Nutrition Service
Team Nutrition is an initiative of the USDA Food and Nutrition Service to support the Child Nutrition Programs through training and technical assistance for foodservice, nutrition education for children and their caregivers, and school and community support for healthy eating and physical activity.

Know Your Farmer, Know Your Food Copy URL
Source: USDA
This initiative and website from USDA uses social media tools to help focus the public conversation about farming and food, while engaging American agriculture and linking producers to customers. To get started, visit here.

Farmers Markets Copy URL
Source: USDA Agricultural Marketing Service
Farmers markets allow consumers to have access to locally grown, farm-fresh produce, and enables farmers the opportunity to develop a personal relationship with their customers. To search the database to find one of the 4,800 farmers market in the U.S., visit here.

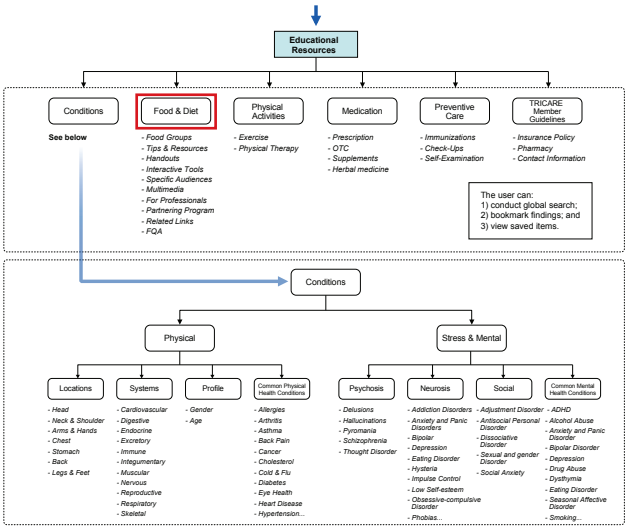
Food And Nutrition Information Copy URL
Source: USDA National Agricultural Library
For access to more Federal government food and nutrition information, visit here.

Fruit and Vegetable Video Center Copy URL
Source: Produce for Better Health Foundation
Selection. Storage. Preparation. We cover it all! Let our fruit and vegetable videos help solve your fruit and vegetable dilemmas.

Fruits and Veggies—More Matters Copy URL
Source: Centers for Disease Control and Prevention
Offering expert cooking advice, nutrition information, and shopping tips, the Fruits & Veggies—More Matters campaign demonstrates that eating MORE fruits and vegetables

Most popular:
1. diabetes diet
2. food and nutrition information
3. food safety information
4. team nutrition
5. farmers markets
6. diabetes treatment
7. nutrition facts label
8. dietary guidelines for americans, 2010
9. food composition
10. heart disease

The user can view the links, presented by the system, related with the "Food & Diet" section. The *Most Popular* section shows a list of the top 10 most searched terms.



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EDUCATIONAL RESOURCES: SEARCH

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Educational Resources

diabetes
- diabetes
- diabetes diet
- diabetes symptoms
- diabetes pictures
- diabetes treatment
- diabetes prevention

My Bookmarks | 1 of 1 | Print

Physical Activities
Medications
Preventive Care
TRICARE Member Guidelines

ember 24, 2011

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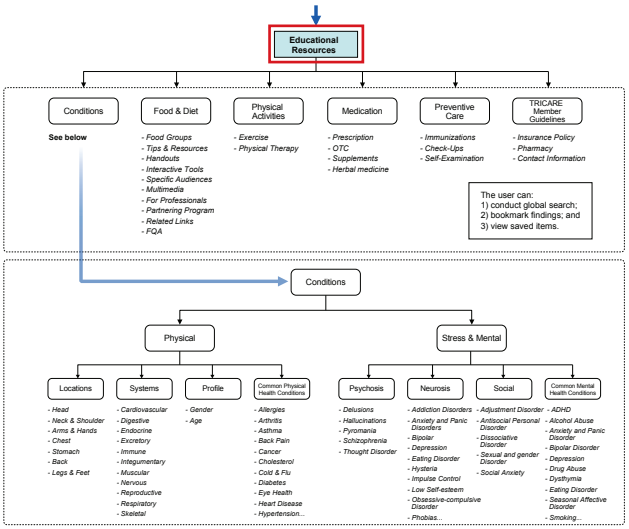
- *What is MMR?*
- *Benefits & Risks of MMR vaccine*

The search bar allows the user to look up information on a topic from anywhere within the *Educational Resources* portal. The user searches "diabetes" and selects "diabetes symptoms" from the list of six most relevant search terms.



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EDUCATIONAL RESOURCES: SEARCH RESULTS

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Educational Resources

diabetes symptoms | My Bookmarks | 1 of 5

Home > Search Results | Print

- Conditions
- Food & Diet
- Physical Activities
- Medications
- Preventive Care
- TRICARE Member Guidelines

Results 1 - 10 of about 45:

Symptoms Copy URL
Source: NNMC
The leading source for trustworthy and timely health and medical news and information. Providing credible health information, supportive community, and ...

Symptoms Copy URL
Source: CDC.gov
Our Center is dedicated to helping people live to the fullest. Much of our work focuses on protecting people who are especially vulnerable to health risks...

Diabetes Basics Copy URL
Source: Web MD
... Recent studies indicate that the early detection of **diabetes symptoms** and treatment can decrease the chance of developing the complications of diabetes. ...

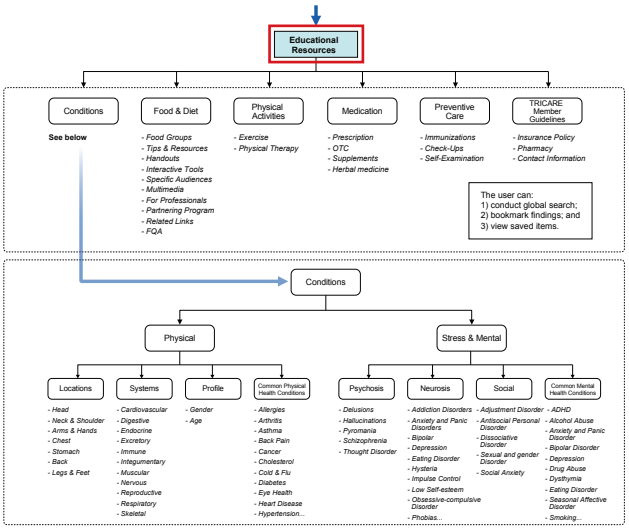
Diabetes Basics Copy URL
Source: Mayo Foundation for Medical Education and Research
... Symptoms Symptoms. Concerned about your health or the health of a loved one? Learn about the **symptoms** of **diabetes**. Prevention Prevention. ...

Hypoglycemia (Low blood glucose) Copy URL
Source: American Diabetes Association
... your blood glucose levels were dropping or that you were showing other **symptoms** of hypoglycemia. It tends to happen to people who have had **diabetes** for many ...

Diabetes Report Copy URL
Source: World Health Organization
The United Nations public health arm. Monitors disease outbreaks, assesses the performance of health systems around the globe, maintains ...

Most popular:
1. diabetes diet
2. food and nutrition information
3. food safety information
4. team nutrition
5. farmers markets
6. diabetes treatment
7. nutrition facts label
8. dietary guidelines for americans, 2010
9. food composition
10. heart disease

Upon entering, *Search Results* display the results ordered by relevance, in this case for "diabetes symptoms." The section labeled *Most Popular* on the right displays a list of the most searched terms.



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EDUCATIONAL RESOURCES: VIEWING EXTERNAL RESOURCES

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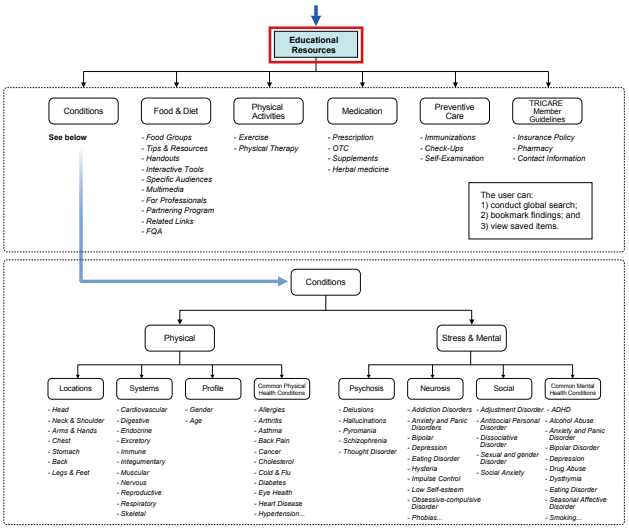
The user clicks on "Diabetes Basics" within the search results.



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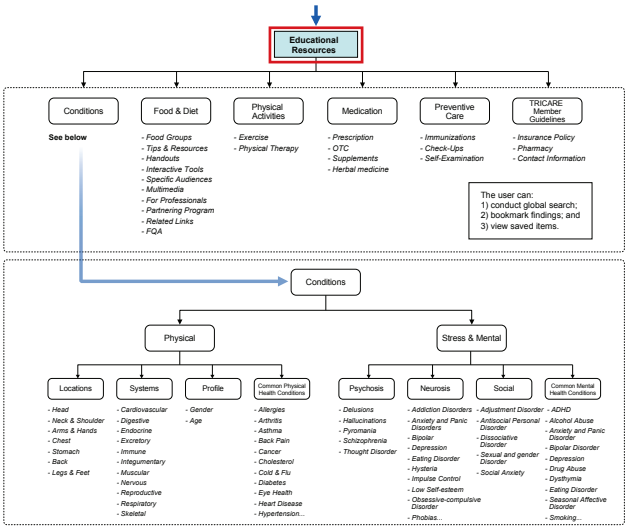
EDUCATIONAL RESOURCES: VIEWING EXTERNAL SOURCES

The web browser opens the selected content in a new window as the users selects to view an external link.



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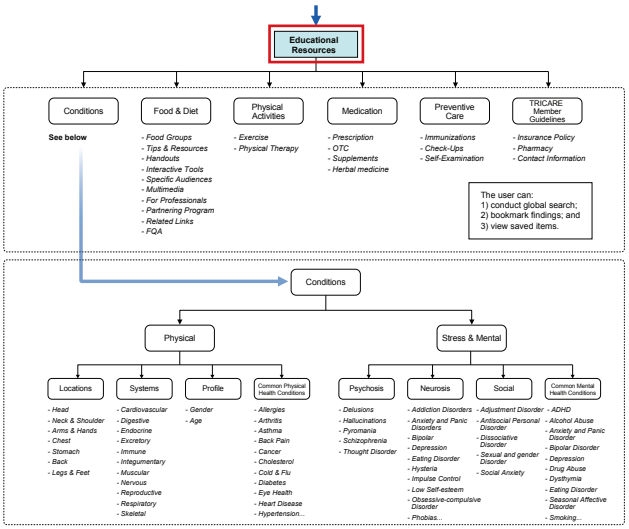
The user clicks on the link "Diabetes Basics."



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EDUCATIONAL RESOURCES: DIABETES BASICS — SYMPTOMS

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Home > Search Results > **Diabetes Basics — Symptoms** | Print

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Tips
Common Terms
Diabetes Myths

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Type 1 Diabetes
- *Frequent urination*
- *Unusual thirst*
- *Extreme hunger*
- *Unusual weight loss*
- *Extreme fatigue and irritability*

Type 2 Diabetes*
Often people with type 2 diabetes have no symptoms
- *Any of the type 1 symptoms*
- *Frequent infections*
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- *Cuts/bruises that are slow to heal*
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Diabetes Basics: What Is Diabetes?

http://www.youtube.com/watch?v=MHIWM8_iqfA&feature=player_embedded

If you have one or more of these diabetes symptoms, see your doctor right away. You can also take ***Online Diabetes Risk Test*** to find out if you are at risk for diabetes.

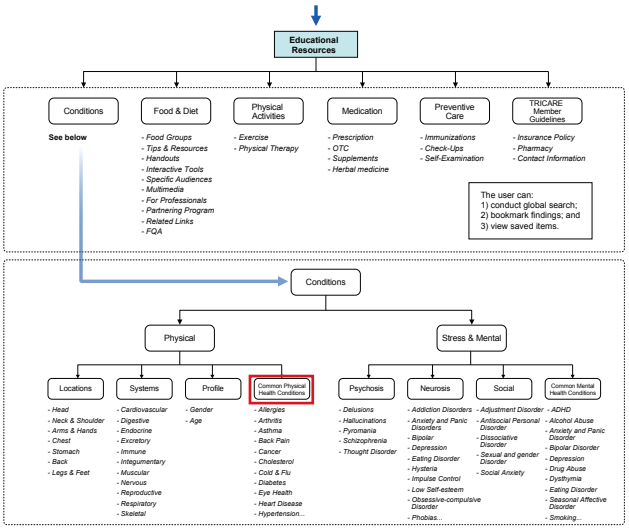
Symptoms of Diabetes Complications
Have you already been diagnosed with diabetes but are concerned about symptoms that may be the result of complications related to diabetes?

Visit the ***Complications section***.

You may also be interested in our book, *Uncomplicated Guide To Diabetes' Complications, 3rd Edition*.

Upon clicking, the user is directed to the link, and its location within the portal as shown by the type treatment of the "Symptoms" link on the left.

The left side displays overall information regarding diabetes and the right side displays links and information on the treatment of diabetes.



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Home > Search Results > **Diabetes Basics — Symptoms** | Print | Bookmark this page

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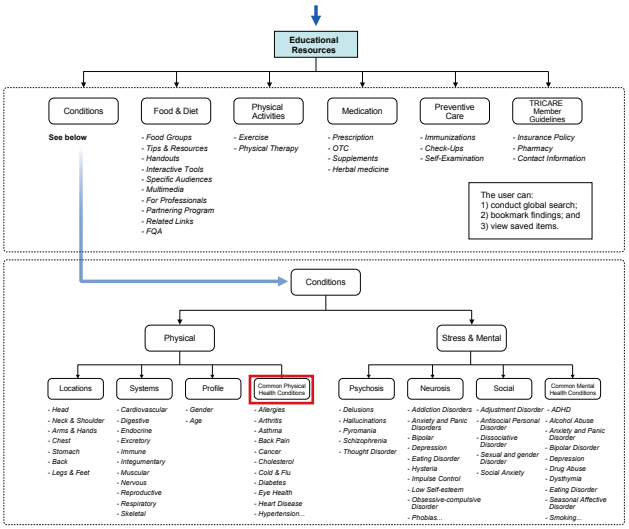
The user can click on the "bookmark" icon on the top right to bookmark the current page.



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Home > Search Results > **Diabetes Basics — Symptoms** | Print

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vatch?v=MHIWM8_iqfA&feature=

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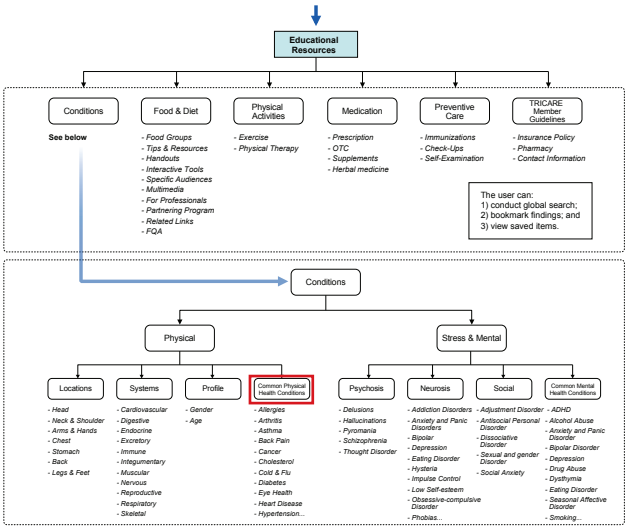
Bookmark Added!

Name:
Diabetes Basics — Symptoms

Remove | Done

A screen provides the user with an option to rename the bookmark.



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Home | Print

- Conditions
- Food & Diet
- Physical Activities
- Medications
- Preventive Care
- TRICARE Member Guidelines

September 24, 2011

Topics recommended by your ***healthcare provider***:
View my ***Medical Records***

Balancing Calories
- *Enjoy your food, but eat less*
- *Avoid oversized portions*

Foods to Increase
- *Make half your plate fruits and vegetables*
- *Make at least half your grains whole grains*
- *Switch to fat-free or low-fat (1%) milk*

Living with Diabetes
- *Diabetes Superfoods*
- *Blood Glucose Control*
- *Medications*

Based on your recent ***weight gain***, here are topics you should read:
View your weight in ***Vital Signs***

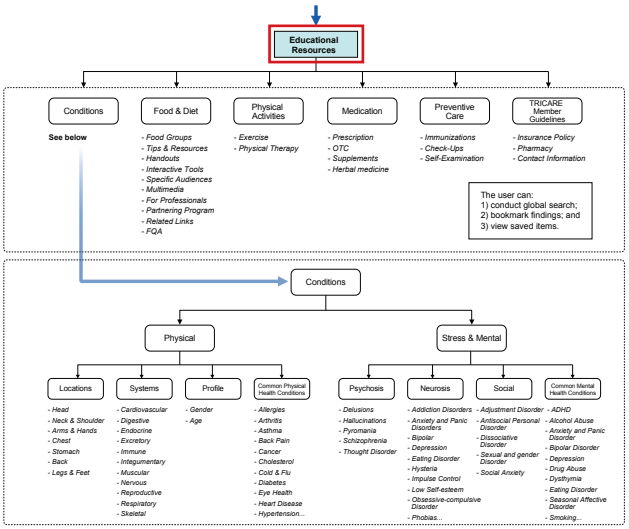
Losing Weight
- *Evaluator: Assess Your Diet*
- *Fitness for Couch Potatoes*

Get Lean
- *Cardiovascular Exercise: The Basics*
- *Food & Fitness Planner: Get Started*

Learn more about ***vaccines*** you need to take:
View your records in ***Immunization***

Measles, Mumps and Rubella (MMR)
- *What is MMR?*
- *Benefits & Risks of MMR vaccine*

The bookmark is available under "My Bookmarks" tab.



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- Diabetes Basics — Symptoms
- Eating Healthy on a Budget
- Steps to a Healthier Weight

Home | Print

- Conditions
- Food & Diet
- Physical Activities
- Medications
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- *What is MMR?*
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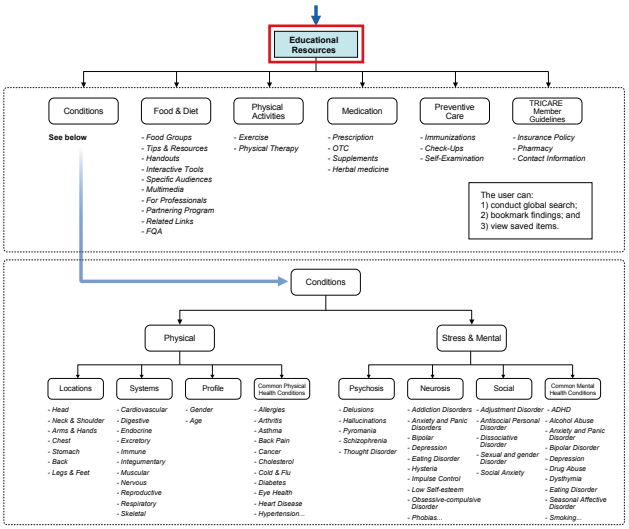
The user clicks on "My Bookmarks" to revisit saved links. He selects the link "Diabetes — Basic Symptoms."



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Diabetes Basics: What Is Diabetes?

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If you have one or more of these diabetes symptoms, see your doctor right away. You can also take ***Online Diabetes Risk Test*** to find out if you are at risk for diabetes.

Symptoms of Diabetes Complications
Have you already been diagnosed with diabetes but are concerned about symptoms that may be the result of complications related to diabetes?

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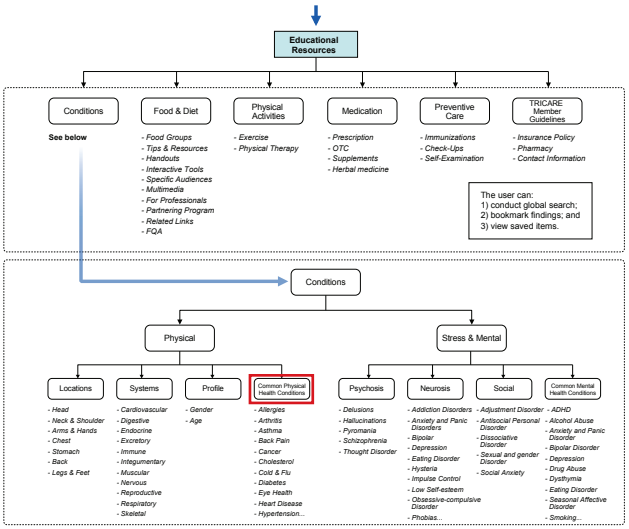
You may also be interested in our book, *Uncomplicated Guide To Diabetes' Complications, 3rd Edition*.

The user is brought back to the *Symptoms* page under *Diabetes Basics*.



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Home > Diabetes Basics — Sympt

- Diabetes Basics — Symptoms
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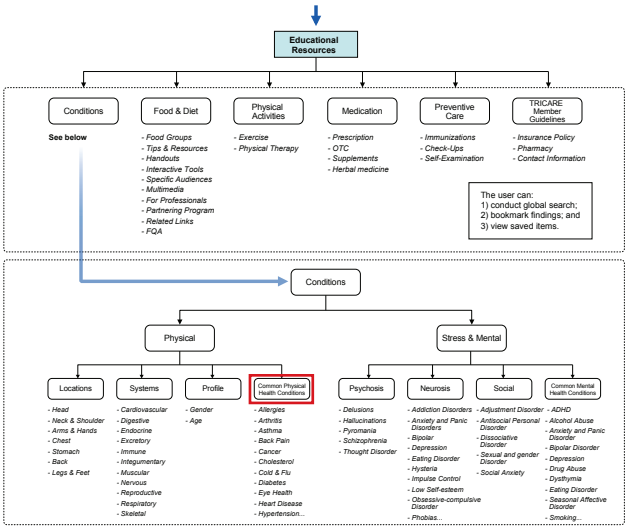

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Are you sure you want to remove this bookmark?

You will not be able to undo this action.

Remove this item | Do not remove this item

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n/watch?v=MHIWM8_iqfA&feature=

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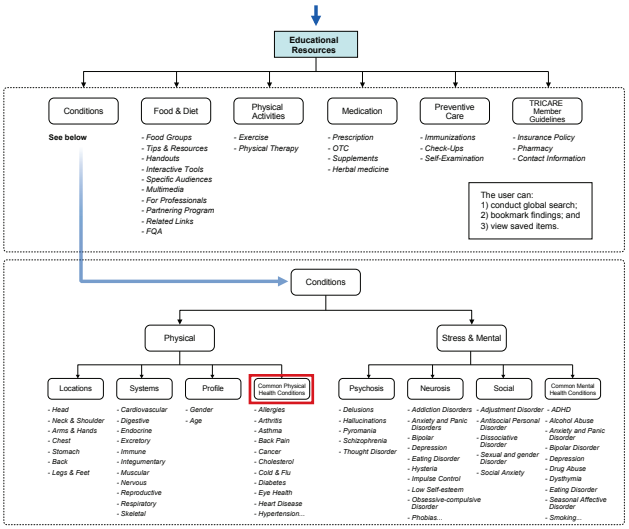

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EDUCATIONAL RESOURCES: SEARCH

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heartburn | My Bookmarks | 1 of 1

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- Physical Conditions
- Mental Conditions
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September 24, 2011

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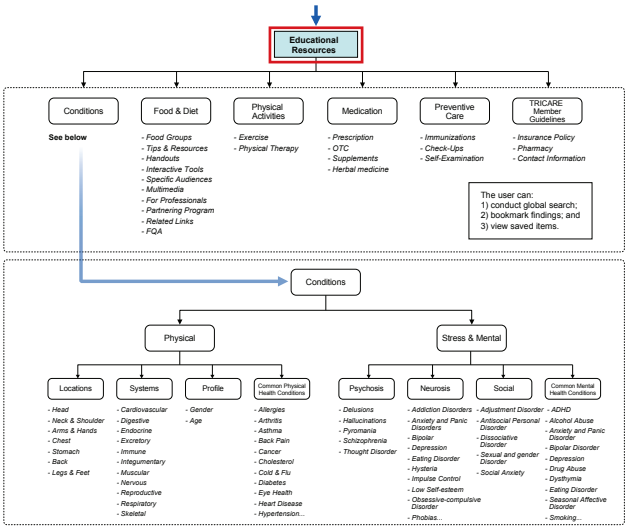
The user searches for "heartburn" in the search box.



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heartburn | My Bookmarks | 1 of 1

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- Preventive Care
- TRICARE Member Guidelines

Results **1** - **5** of about **5**:

Symptoms Copy URL
Source: NNMC
The leading source for trustworthy and timely health and medical news and information. Providing credible health information, supportive community, and ...

Symptoms Copy URL
Source: CDC.gov
Our Center is dedicated to helping people live to the fullest. Much of our work focuses on protecting people who are especially vulnerable to health risks...

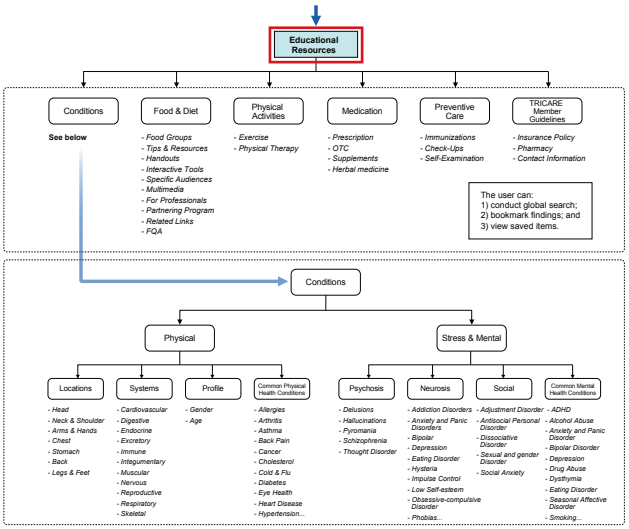
Heartburn Basics Copy URL
Source: WebMD
Heartburn, also known as pyrosis or acid indigestion is a burning sensation in the chest, just behind the breastbone or in the epigastrium. The pain often rises in ...

Heartburn Overview Copy URL
Source: Wikipedia
Heartburn strikes an estimated 20% of Americans at least once a week. Here you'll find in-depth heartburn and GERD information including their symptoms, ...

Heartburn Copy URL
Source: Mayo Foundation for Medical Education and Research
Heartburn — Comprehensive overview covers treatment, symptoms, causes of this common digestive problem.

Most popular:
1. heartburn/GRED
2. food and nutrition information
3. foods to eat and avoid for heartburn
4. common treatments for heartburn
5. top 10 Heartburn Foods
6. acid reflux symptoms
7. nutrition facts label
8. heartburn relief & other digestive tips
9. food composition
10. heart disease

The user clicks on the link "Heartburn Basics."



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EDUCATIONAL RESOURCES: SEARCH

Healthboard | You have 3 Next Steps ▼ | Available | Isaac Goodman | Settings | Logout

Educational Resources ▼

heartburn | My Bookmarks ▼ | 1 of 1

Home > Search Results > **Heartburn/GRED Home** | Print

« Back
Overview
Basics & Causes
Symptoms & Types
Diagnosis & Tests
Treatment & Care
Living & Managing
Support & Resources

One in 10 Americans experiences heartburn symptoms at least once a week. Heartburn has different triggers, including certain foods, medications, obesity, or even stress. Knowing your triggers will help you design a prevention strategy. If you suffer from heartburn it's important to find effective heartburn remedies to prevent the acid reflux from worsening. Heartburn treatment may include medications, home remedies, or diet changes.

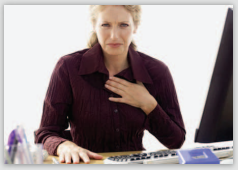
Acid Reflux Symptoms
- *Heartburn is just one*

Indigestion
- *Is it heartburn?*

Gastroesophageal Reflux Disease (GERD)
- *How hernia is related*

Related Topics
- *Steps to Change Heartburn Habits*
- *How to Stop Nighttime Heartburn*
- *10 Foods That Cause Heartburn*
- *What Is GERD?*
- *Heartburn or Heart Attack?*
- *Digestive Tip: Gum for Heartburn*

Visual Aids
- *Heartburn: What It Is, How to Stop It*



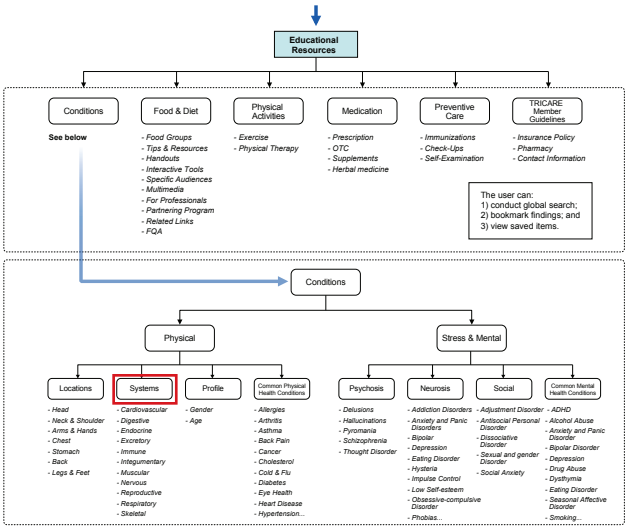
- *Foods to Eat and Avoid for Heartburn*

- *Heartburn Relief & Other Digestive Tips*

(Credit: Content adopted from WebMD)

This screen provides the user with information and links to related topics on *heartburn/GRED*. Other links are visually offered under *Visual Aids*.

The left column displays other options to choose from within the *heartburn/GRED* section.



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EDUCATIONAL RESOURCES: PHYSICAL CONDITIONS

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Educational Resources

Search terms | My Bookmarks | 1 of 1

Home | Print

- Physical Conditions
- Mental Conditions
- Food & Diet
- Physical Activities
- Medications
- Preventive Care
- TRICARE Member Guidelines

September 24, 2011

Topics recommended by your ***healthcare provider***:
View my ***Medical Records***

Balancing Calories
- *Enjoy your food, but eat less*
- *Avoid oversized portions*

Foods to Increase
- *Make half your plate fruits and vegetables*
- *Make at least half your grains whole grains*
- *Switch to fat-free or low-fat (1%) milk*

Living with Diabetes
- *Diabetes Superfoods*
- *Blood Glucose Control*
- *Medications*

Based on your recent ***weight gain***, here are topics you should read:
View your weight in ***Vital Signs***

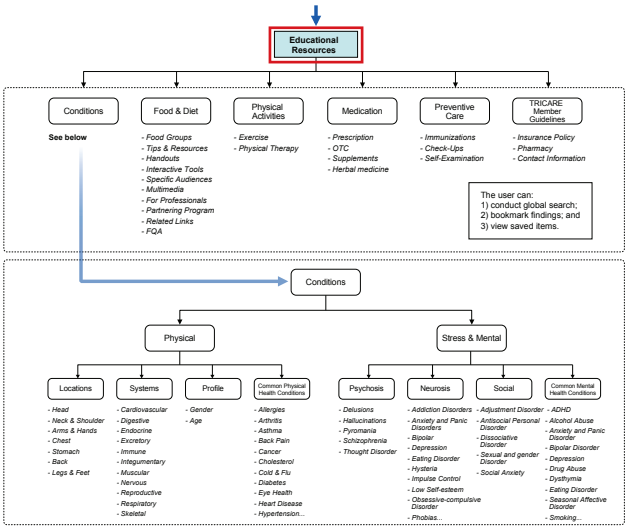
Losing Weight
- *Evaluator: Assess Your Diet*
- *Fitness for Couch Potatoes*

Get Lean
- *Cardiovascular Exercise: The Basics*
- *Food & Fitness Planner: Get Started*

Learn more about ***vaccines*** you need to take:
View your records in ***Immunization***

Measles, Mumps and Rubella (MMR)
- *What is MMR?*
- *Benefits & Risks of MMR vaccine*

The user can find information on *Heartburn/GRED* through the left column navigation. From the *Educational Resources Home*, the user clicks "Physical Conditions."



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EDUCATIONAL RESOURCES: PHYSICAL CONDITIONS

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Educational Resources

Search terms | My Bookmarks | 1 of 1

Home > Physical Conditions Home | Print

« Back
- Location
- Systems
- Profile
- Common Physical Health Conditions

Location *click on a body part to see related topics*
- Head
- Face
- Eyes, Ears & Nose
- Mouth & Teeth
- Neck & Shoulders
- Arms & Hands
- Chest
- Stomach
- Back
- Legs & Feet
- Skin

Front | Back

Profile
- Gender
- Age

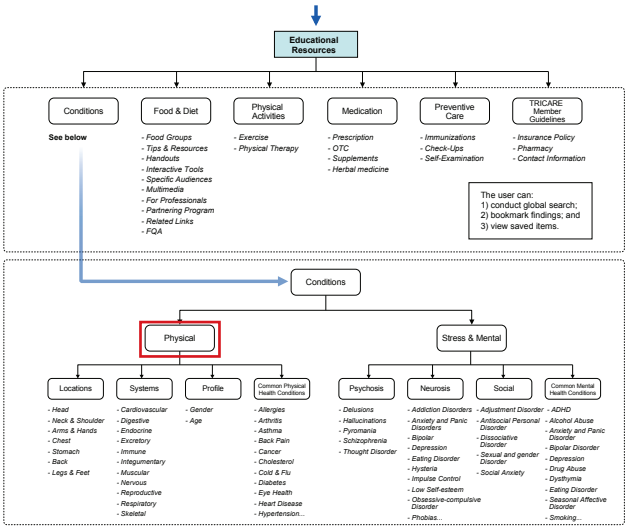
Man | Boy | Woman | Girl

Systems
- Cardiovascular
- Digestive
- Endocrine
- Excretory
- Immune
- Integumentary
- Muscular
- Nervous
- Reproductive
- Respiratory
- Skeletal

Common Physical Health Conditions
- Allergies
- Arthritis
- Asthma
- Back Pain
- Cancer
- Cholesterol
- Cold & Flu
- COPD
- Diabetes
- Eye Health
- Fibromyalgia
- Heart Disease
- Heartburn/GERD
- Hypertension
- Incontinence/OAB
- Kidney Disease
- Migraines
- Osteoporosis
- Overweight
- Sexual Conditions
- Skin Problems
- Sinus Infection
- Sleep Disorders
- Stroke

Complete List »

The user is given an option to choose between *Location*, *Profile*, *Systems*, and *Common Physical Health Conditions*, located on the left column and the main section of the home screen.



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EDUCATIONAL RESOURCES: DIGESTIVE DISORDERS

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Educational Resources

Search terms | My Bookmarks | 1 of 1

Home > Physical Conditions Home | Print

« Back
- Location
- Systems
- Profile
- Common Physical Health Conditions

Location *click on a body part to see related topics*
- Head
- Face
- Eyes, Ears & Nose
- Mouth & Teeth
- Neck & Shoulders
- Arms & Hands
- Chest
- Stomach
- Back
- Legs & Feet
- Skin

Front | Back

Profile
- Gender
- Age

Man | Boy | Woman | Girl

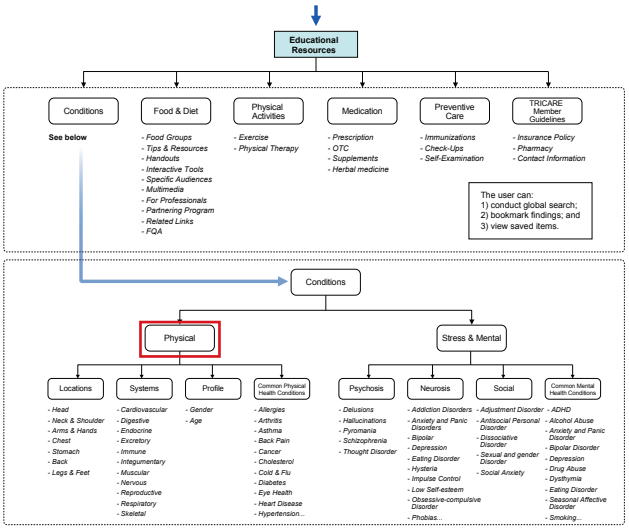
Systems
- Cardiovascular
- Digestive
- Endocrine
- Excretory
- Immune
- Integumentary
- Muscular
- Nervous
- Reproductive
- Respiratory
- Skeletal

Common Physical Health Conditions

Allergies	Fibromyalgia	Skin Problems
Arthritis	Heart Disease	Sinus Infection
Asthma	Heartburn/GERD	Sleep Disorders
Back Pain	Hypertension	Stroke
Cancer	Incontinence/OAB	
Cholesterol	Kidney Disease	
Cold & Flu	Migraines	
COPD	Osteoporosis	
Diabetes	Overweight	
Eye Health	Sexual Conditions	

Complete List »

The user clicks on "Digestive" under Systems. The user may click on either the image or the text link.



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EDUCATIONAL RESOURCES: DIGESTIVE DISORDERS

Healthboard | You have 3 Next Steps ▼ | Available | Isaac Goodman | Settings | Logout

Educational Resources ▼

Search terms | My Bookmarks ▼ | 1 of 1

Home > Physical Conditions Home > **Digestive Disorders Home** | Print

« Back
- Heartburn/GERD ▶
- Inflammatory Bowel Disease ▶
- Irritable Bowel Syndrome ▶
- Diarrhea ▶
- Appendicitis ▶
- Bowel Obstruction ▶
- Celiac Disease ▶
- Constipation ▶
- Depression Symptoms ▶
- Digestive News & Features ▶
- Digestive Disorders Reference ▶
- Related Videos ▶
- More Related Topics ▶

Digestive Disorders Overview

Small Intestine | Stomach | Anus | Rectum | Large Intestine

The digestive system is an intricate system that can be disrupted by disease, diet, and emotional stress. Common digestive problems such as heartburn/GERD, IBD, and IBS cause millions of Americans to suffer daily and limit quality of life. Digestive problems often result in symptoms such as bloating, diarrhea, gas, stomach pain, and stomach cramps. Learning more about the digestive system may help with managing these problems.

Top Search Terms for Digestive Disorders
- Diarrhea
- Constipation
- Diverticulitis Diet
- Gallstones
- Ulcer
- Blood in Stool
- Dumping Syndrome
- Hernia
- Diverticulitis

See more terms »

Heartburn/GERD
- *H2 blockers can stop the burn before it starts, but only if you know when to take them..*
- *Lose excess weight and wear loose-fitting clothes and belts*

Crohn's Disease
- *Get at least 1,500 mg of calcium and at least 800 international units (IUs) of vitamin D*
- *Damage to your small intestine caused by Crohn's can put you at risk for gallstones*

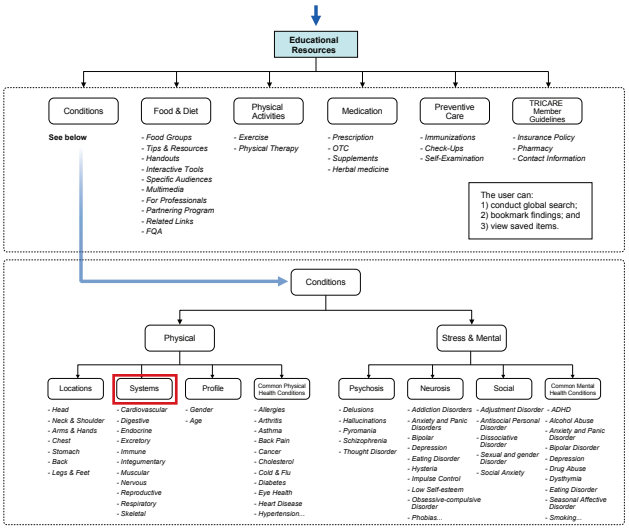
Lactose Intolerance
- *Symptoms tend to develop 30 minutes to two hours after consuming dairy products.*
- *Intolerance develops as you grow older.*

Probiotics and Your Gut
- *May help prevent diarrhea from antibiotics and help you recover from infectious diarrhea*
- *Improves intestinal function and maintain the integrity of the lining of the intestines*

Fiber and Constipation
- *Fiber helps digestion and keeps your digestive system to function regularly*
- *Helps keep weight gain, heart disease, blood sugar fluctuations, and hemorrhoids at bay*

Chew Gum to Fight Heartburn
- *May help relieve reflux and heartburn by stimulating the production of acid-neutralizing saliva*
- *Peppermint can irritate heartburn; opt for other flavors*

Upon entering the system provides a diagram and general information regarding the digestive system, as well as a list of *Top Search Terms for Digestive Disorders*. The bottom portion offers helpful facts on the subject of *Digestive Disorders*. The left column provides the user with links to various diseases and related links to *Digestive Disorders*.



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EDUCATIONAL RESOURCES: DIGESTIVE DISORDERS

Healthboard | You have 3 Next Steps ▼ | Available | Isaac Goodman | Settings | Logout

Educational Resources ▼

Search terms | My Bookmarks ▼ | 1 of 1

Home > Physical Conditions Home > **Digestive Disorders Home** | Print

« Back
- Heartburn/GERD
- Inflammatory Bowel Disease
- Irritable Bowel Syndrome
- Diarrhea
- Appendicitis
- Bowel Obstruction
- Celiac Disease
- Constipation
- Depression Symptoms
- Digestive News & Features
- Digestive Disorders Reference
- Related Videos
- More Related Topics

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See more terms »

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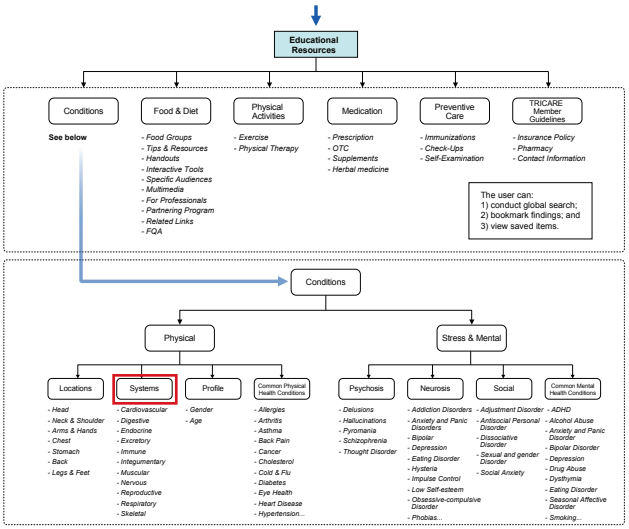
Chew Gum to Fight Heartburn
- *May help relieve reflux and heartburn by stimulating the production of acid-neutralizing saliva*
- *Peppermint can irritate heartburn; opt for other flavors*

The user clicks on "Heartburn/GERD" from the left column.



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EDUCATIONAL RESOURCES: HEARTBURN/GRED

Healthboard | You have 3 Next Steps ▼ | Available | Isaac Goodman | Settings | Logout

Educational Resources ▼

Search terms | My Bookmarks ▼ | 1 of 1

Home > Physical Conditions Home > Digestive Disorders Home > **Heartburn/GRED Home** | Print

« Back
Overview
Basics & Causes
Symptoms & Types
Diagnosis & Tests
Treatment & Care
Living & Managing
Support & Resources

One in 10 Americans experiences heartburn symptoms at least once a week. Heartburn has different triggers, including certain foods, medications, obesity, or even stress. Knowing your triggers will help you design a prevention strategy. If you suffer from heartburn it's important to find effective heartburn remedies to prevent the acid reflux from worsening. Heartburn treatment may include medications, home remedies, or diet changes.

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Indigestion
- *Is it heartburn?*

Gastroesophageal Reflux Disease (GERD)
- *How hernia is related*

Related Topics
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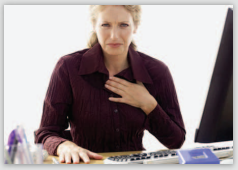
- *How to Stop Nighttime Heartburn*
- *10 Foods That Cause Heartburn*
- *What Is GERD?*
- *Heartburn or Heart Attack?*
- *Digestive Tip: Gum for Heartburn*

Visual Aids
- *Heartburn: What It Is, How to Stop It*

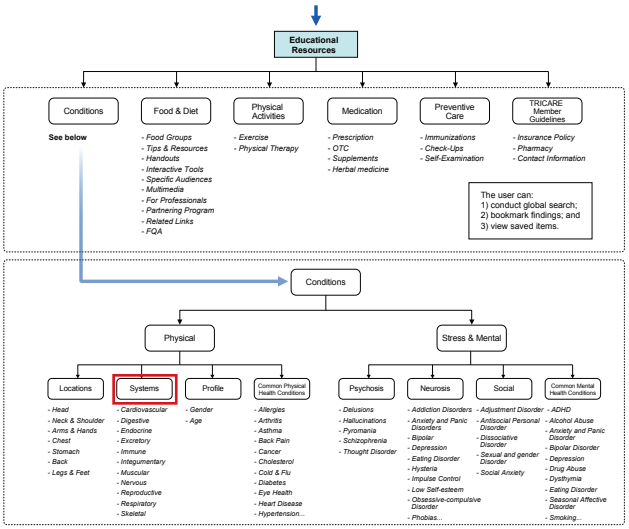


- *Foods to Eat and Avoid for Heartburn*

- *Heartburn Relief & Other Digestive Tips*

(Credit: Content adopted from WebMD)

The user views the *Heartburn/GRED Home* screen.



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EDUCATIONAL RESOURCES: MENTAL CONDITIONS

Healthboard | You have 3 Next Steps | Available | Isaac Goodman | Settings | Logout

Educational Resources

Search terms | My Bookmarks | 1 of 1

Home > Mental Conditions Home | Print

« Back
- Neurosis
- Psychosis
- Social
- Common Mental Health Conditions

Neurosis
- Addiction Disorders
- Anxiety and Panic Disorders
- Bipolar
- Depression
- Eating Disorder
- Hysteria
- Impulse Control
- Low Self-esteem
- Obsessive-compulsive Disorder
- Phobias
- Somatoform disorders
- Tic disorders

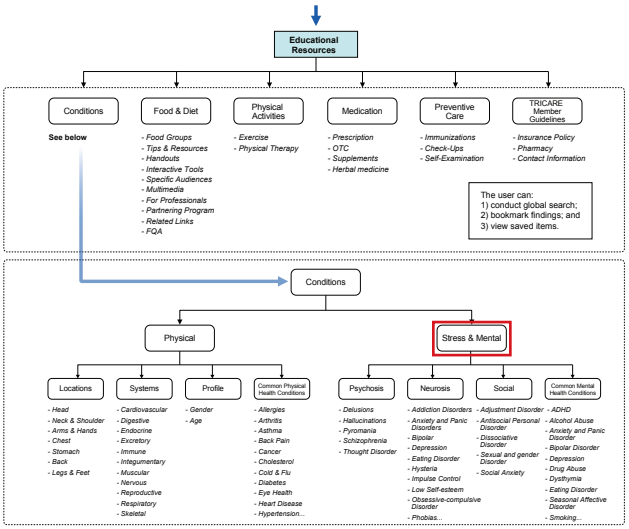
Social
- Adjustment disorder
- Antisocial Personal Disorder
- Dissociative disorders
- Sexual and gender disorders
- Social Anxiety

Psychosis
- Delusions
- Hallucinations
- Pyromania
- Schizophrenia
- Thought Disorder

Common Mental Health Conditions
- ADHD
- Alcohol Abuse
- Anxiety and Panic Disorders
- Bipolar Disorder
- Depression
- Drug Abuse
- Dysthymia
- Eating Disorder
- Seasonal Affective Disorder
- Smoking

Complete List »

At the *Mental Conditions Home* screen, the user has an option to select among *Neurosis*, *Social*, *Psychosis*, and *Common Mental Health Conditions*, located on the left column and the main section of the home screen.



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III. PROVIDER PORTAL

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Provider Portal GUI — Style Guide

INTRODUCTION This section of the Detailed GUI Volume documents the style guide for *Provider's Portal* of the Visual Dashboard for a Patient Centered Medical Home (PCMH).

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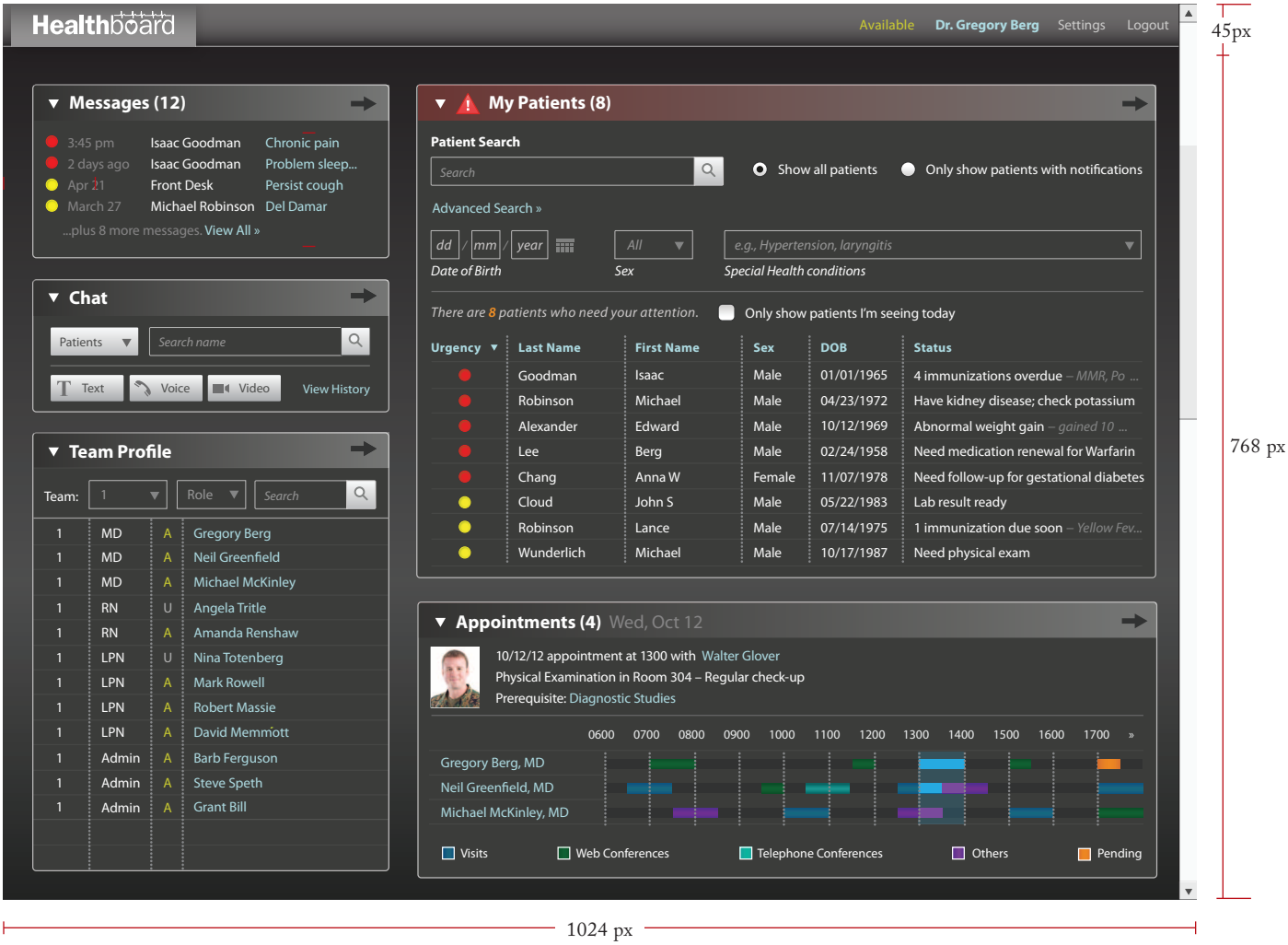
STYLE GUIDE: PROVIDER PORTAL HOMEPAGE #1



Overall Wireframe
width: 1024px;
height: 768px;

Logo (gif object)
width: 195px;
height: 33px;

Top Menu Bar (gif object)
width: 330px;
height: 45px;

Background
Black: #000000; Dark grey: #777777
Default solid color: Dark grey: #777777

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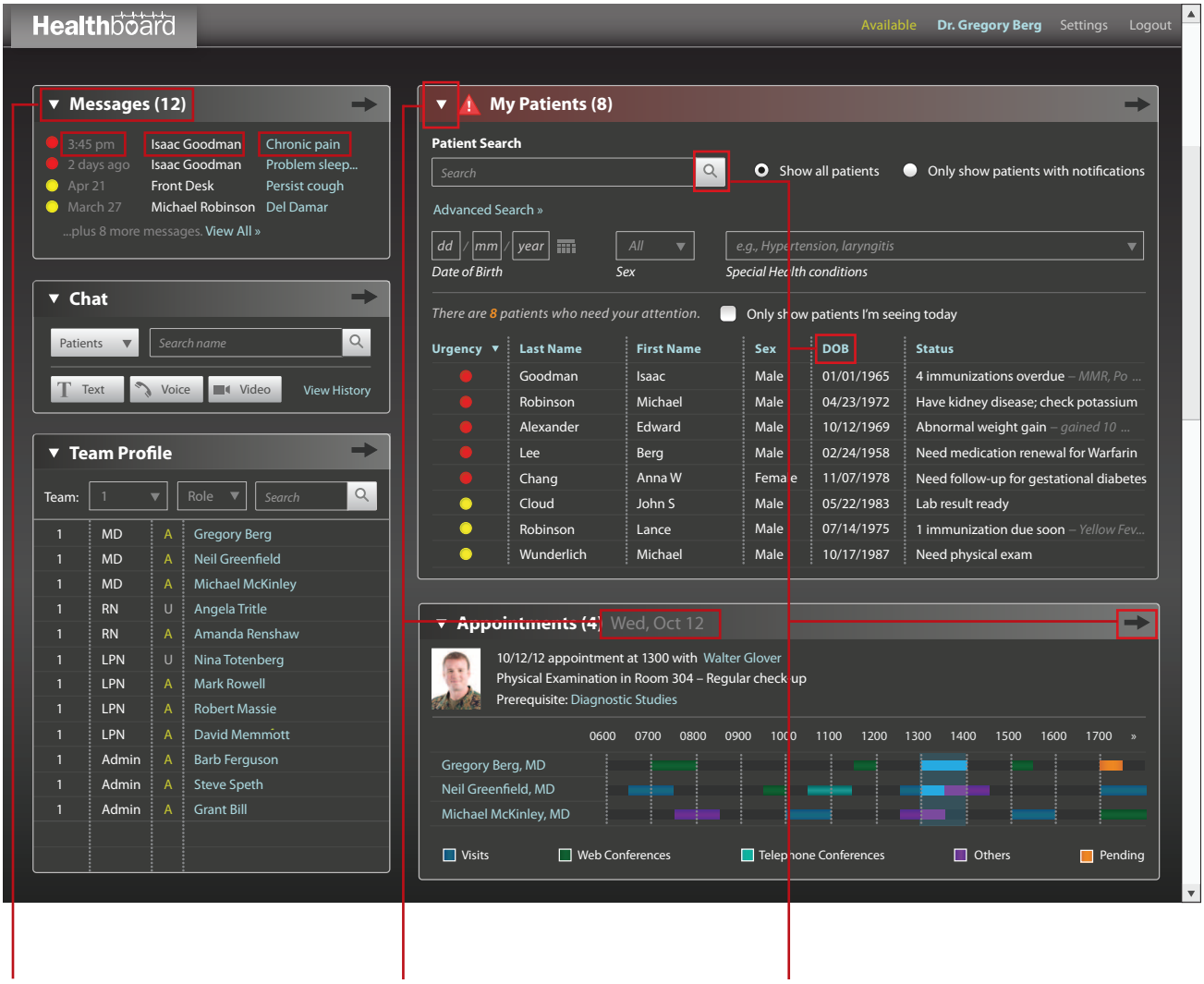
STYLE GUIDE: PROVIDER PORTAL HOMEPAGE #1, WIDGET SUMMARY VIEW



Widget Title
Myriad Pro Bold;
16/19pt; White: #FFFFFF;

Widget Date
Myriad Pro Bold;
16/19pt; Gray: #868686;

Search button (gif objects)
Gray: #666666; White: #FFFFFF;

Message List
Myriad Pro Regular;
12/18pt; Gray: #868686;

Minimize Arrow (gif object)
White: #FFFFFF;

Module Arrow (gif objects)
Gray: #333333;

Myriad Pro Regular;
12/18pt; White: #FFFFFF;

Warning (gif object)
Red: #DA2925;

Drop Down Menu
Myriad Pro Bold;
12/18pt; Sky Blue: #AEDEE4;

Link
Myriad Pro Regular;
12/18pt; Sky Blue: #AEDEE4;

Warning (Bar)
Red: #DA2925;
White: #FFFFFF;
Opacity: 30%

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STYLE GUIDE: PROVIDER PORTAL HOMEPAGE #2

Patient's Tab
width: 993px;
height: varies;

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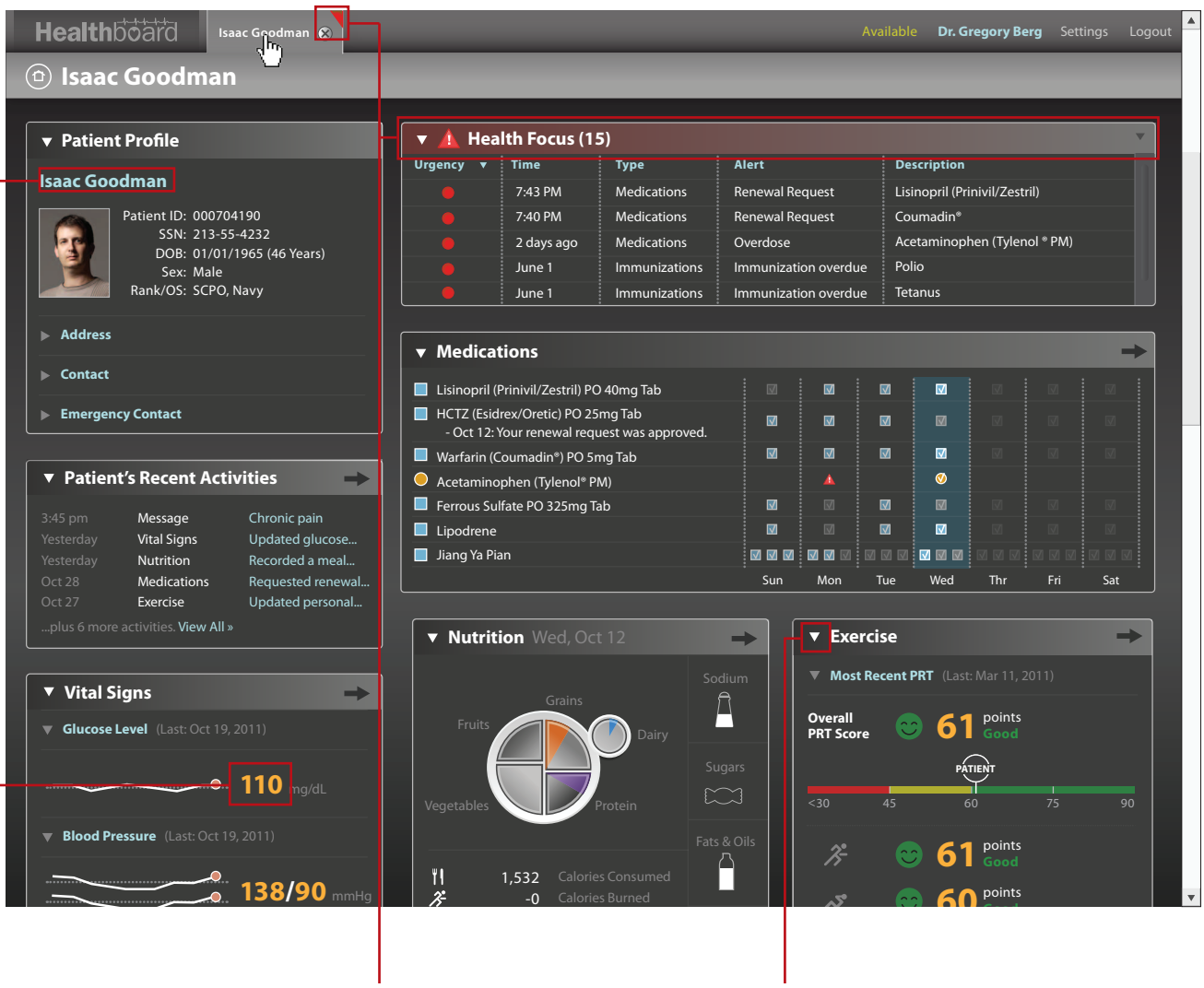
STYLE GUIDE: PROVIDER PORTAL HOMEPAGE #2, WIDGET SUMMARY VIEW



Patient's name
Myriad Pro Bold;
16pt; White: #FFFFFF;

Number
Myriad Pro Bold;
36/36pt; Orange: #FBB03B;

Patient with warning/alert
Gray: #666666; Red: #DA2925;
11pt; White: #FFFFFF;

Warning (gif object)
Red: #DA2925;

Warning (Bar)
Red: #DA2925;
White: #FFFFFF;
Opacity: 30%

Minimize Arrow (gif object)
White: #FFFFFF;

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Homepage

INTRODUCTION This section of the Detailed GUI Volume documents the design of *Homepage* function set for the Provider's Portal of Visual Dashboard for a Patient Centered Medical Home (PCMH). The documentation includes both workflow diagrams and visual models: the workflow diagrams detail the user experience and interactions within this module, and the visual models present graphic assets and elements within this module.

The following are high-level objectives for Provider Portal's *Homepage*:

- To allow the user to search and browse for various health-related articles through keywords, as well as uniquely developed information taxonomy and architecture.
- To allow the patient to view recommended articles selected by healthcare providers, articles recommended by the system based on patient's biometric data (e.g., gender, age, location, etc.), recent activities within the system.
- To facilitate user interaction for navigating activated modules through dashboard and widgets.
- To enable user interaction for searching, browsing, and selecting patients.
- To support healthcare providers with task management, patient warnings and alerts, and team management.
- To allow the user to activate/deactivate modules and configure the screen layout.
- To provide utilities which the user can access and/or update account, profile, options, etc.

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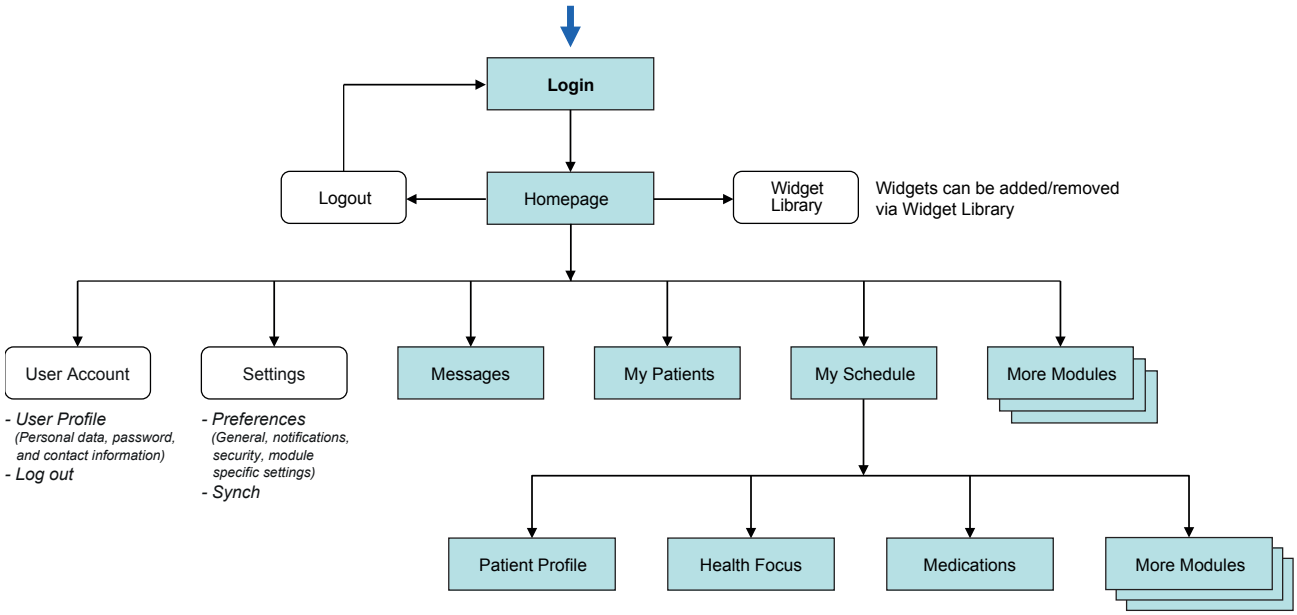
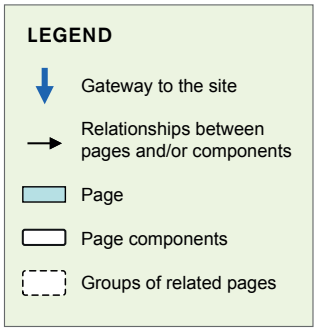
FLOWCHART FOR HOMEPAGE MODULE





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HOMEPAGE: LANDING PAGE

Healthboard | Available | Dr. Gregory Berg | Settings | Logout

Messages (12)

3:45 pm	Isaac Goodman	Chronic pain
2 days ago	Isaac Goodman	Problem sleep...
Apr 21	Front Desk	Persist cough
March 27	Michael Robinson	Del Damar

...plus 8 more messages. View All »

Chat

Patients | Search name

Text | Voice | Video | View History

Team Profile

Team: 1 | Role | Search

1	MD	A	Gregory Berg
1	MD	A	Neil Greenfield
1	MD	A	Michael McKinley
1	RN	U	Angela Tritle
1	RN	A	Amanda Renshaw
1	LPN	U	Nina Totenberg
1	LPN	A	Mark Rowell
1	LPN	A	Robert Massie
1	LPN	A	David Memmott
1	Admin	A	Barb Ferguson
1	Admin	A	Steve Speth
1	Admin	A	Grant Bill

My Patients (8)

Patient Search

Search | Show all patients | Only show patients with notifications

Advanced Search »

dd / mm / year (Date of Birth) | All (Sex) | e.g., Hypertension, laryngitis (Special Health conditions)

There are 8 patients who need your attention. | Only show patients I'm seeing today

Urgency	Last Name	First Name	Sex	DOB	Status
	Goodman	Isaac	Male	01/01/1965	4 immunizations overdue – MMR, Po ...
	Robinson	Michael	Male	04/23/1972	Have kidney disease; check potassium
	Alexander	Edward	Male	10/12/1969	Abnormal weight gain – gained 10 ...
	Lee	Berg	Male	02/24/1958	Need medication renewal for Warfarin
	Chang	Anna W	Female	11/07/1978	Need follow-up for gestational diabetes
	Cloud	John S	Male	05/22/1983	Lab result ready
	Robinson	Lance	Male	07/14/1975	1 immunization due soon – Yellow Fev...
	Wunderlich	Michael	Male	10/17/1987	Need physical exam

Appointments (4) Wed, Oct 12

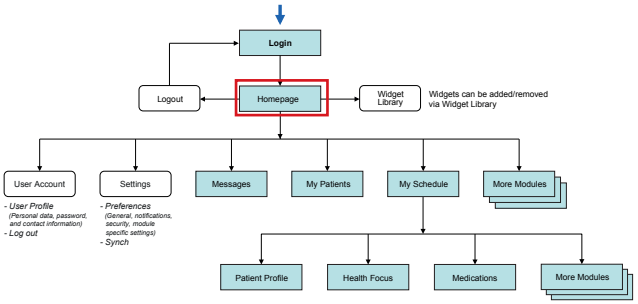
10/12/12 appointment at 1300 with Walter Glover
Physical Examination in Room 304 – Regular check-up
Prerequisite: Diagnostic Studies

0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 »

Gregory Berg, MD
Neil Greenfield, MD
Michael McKinley, MD

Visits | Web Conferences | Telephone Conferences | Others | Pending

On the *Provider Portal Home*, the general information is catagorized by urgency. Patients who need medical attention or have sent urgent messages are given priority in the *My Patients* and *Messages* widget.



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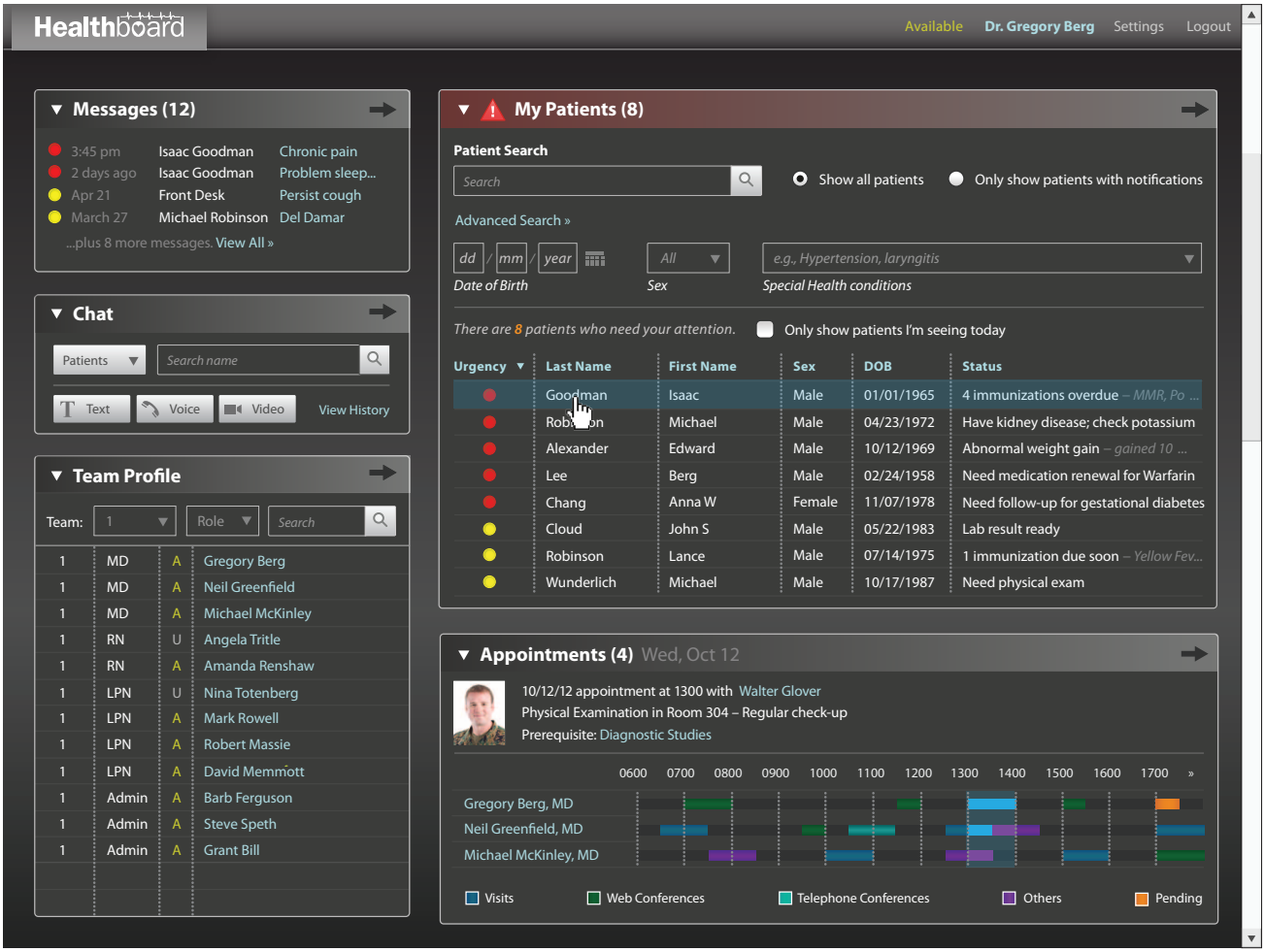
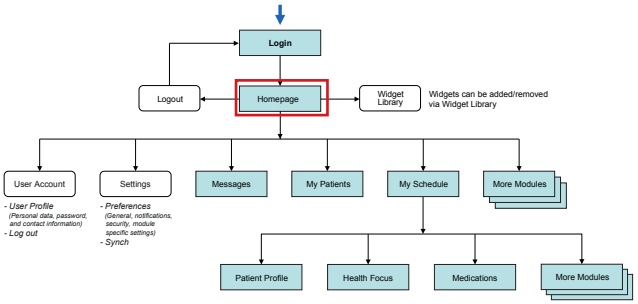
HOMEPAGE: SELECT PATIENT



The user can select a single patient to open a tab of the selected patient.



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HOMEPAGE: PATIENT TAB

Healthboard | Isaac Goodman | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman

Patient Profile

Isaac Goodman

Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Address
Contact
Emergency Contact

Health Focus (15)

Urgency	Time	Type	Alert	Description
●	7:43 PM	Medications	Renewal Request	Lisinopril (Prinivil/Zestril)
●	7:40 PM	Medications	Renewal Request	Coumadin®
●	2 days ago	Medications	Overdose	Acetaminophen (Tylenol ® PM)
●	June 1	Immunizations	Immunization overdue	Polio
●	June 1	Immunizations	Immunization overdue	Tetanus

Medications

	Sun	Mon	Tue	Wed	Thr	Fri	Sat
Lisinopril (Prinivil/Zestril) PO 40mg Tab	☑	☑	☑	☑	☑	☑	☑
HCTZ (Esidrex/Oretic) PO 25mg Tab - Oct 12: Your renewal request was approved.	☑	☑	☑	☑	☑	☑	☑
Warfarin (Coumadin®) PO 5mg Tab	☑	☑	☑	☑	☑	☑	☑
Acetaminophen (Tylenol® PM)		⚠		✓			
Ferrous Sulfate PO 325mg Tab	☑	☑	☑	☑	☑	☑	☑
Lipodrene	☑	☑	☑	☑	☑	☑	☑
Jiang Ya Pian	☑☑☑	☑☑☑	☑☑☑	☑☑☑	☑☑☑	☑☑☑	☑☑☑

Patient's Recent Activities

3:45 pm	Message	Chronic pain
Yesterday	Vital Signs	Updated glucose...
Yesterday	Nutrition	Recorded a meal...
Oct 28	Medications	Requested renewal...
Oct 27	Exercise	Updated personal...

...plus 6 more activities. View All »

Vital Signs

Glucose Level (Last: Oct 19, 2011) 110 mg/dL

Blood Pressure (Last: Oct 19, 2011) 138/90 mmHg

Nutrition Wed, Oct 12

Grains, Fruits, Dairy, Vegetables, Protein

Sodium, Sugars, Fats & Oils

1,532 Calories Consumed
-0 Calories Burned

Exercise

Most Recent PRT (Last: Mar 11, 2011)

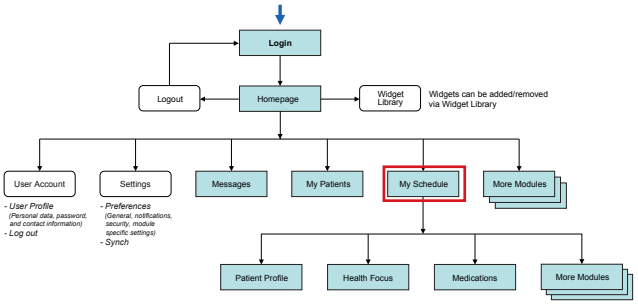
Overall PRT Score 61 points Good

PATIENT <30 45 60 75 90

61 points Good

60 points

The system displays health information of the selected patient on a new tab upon a selection. The dashboard for the selected patient consists of various health records such as medications, vital signs, nutrition, exercise, etc. A red triangle icon appears in the top right corner of the tab indicating that the patient has "Very Urgent" medical alerts.



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HOMEPAGE: BACK TO HOME

Healthboard | Isaac Goodman | Available | Dr. Gregory Berg | Settings | Logout

Messages (12)

3:45 pm	Isaac Goodman	Chronic pain
2 days ago	Isaac Goodman	Problem sleep...
Apr 21	Front Desk	Persist cough
March 27	Michael Robinson	Del Damar

...plus 8 more messages. View All »

Chat

Patients | Search name

Text | Voice | Video | View History

Team Profile

Team: 1 | Role | Search

1	MD	A	Gregory Berg
1	MD	A	Neil Greenfield
1	MD	A	Michael McKinley
1	RN	U	Angela Tritle
1	RN	A	Amanda Renshaw
1	LPN	U	Nina Totenberg
1	LPN	A	Mark Rowell
1	LPN	A	Robert Massie
1	LPN	A	David Memmott
1	Admin	A	Barb Ferguson
1	Admin	A	Steve Speth
1	Admin	A	Grant Bill

My Patients (8)

Patient Search

Search | Show all patients | Only show patients with notifications

Advanced Search »

dd / mm / year (Date of Birth) | All (Sex) | e.g., Hypertension, laryngitis (Special Health conditions)

There are 8 patients who need your attention. | Only show patients I'm seeing today

Urgency	Last Name	First Name	Sex	DOB	Status
	Goodman	Isaac	Male	01/01/1965	4 immunizations overdue – MMR, Po ...
	Robinson	Michael	Male	04/23/1972	Have kidney disease; check potassium
	Alexander	Edward	Male	10/12/1969	Abnormal weight gain – gained 10 ...
	Lee	Berg	Male	02/24/1958	Need medication renewal for Warfarin
	Chang	Anna W	Female	11/07/1978	Need follow-up for gestational diabetes
	Cloud	John S	Male	05/22/1983	Lab result ready
	Robinson	Lance	Male	07/14/1975	1 immunization due soon – Yellow Fev...
	Wunderlich	Michael	Male	10/17/1987	Need physical exam

Appointments (4) Wed, Oct 12

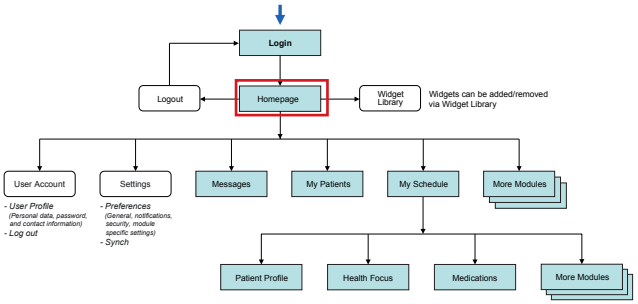
10/12/12 appointment at 1300 with Walter Glover
Physical Examination in Room 304 – Regular check-up
Prerequisite: Diagnostic Studies

0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 »

Gregory Berg, MD
Neil Greenfield, MD
Michael McKinley, MD

Visits | Web Conferences | Telephone Conferences | Others | Pending

Selecting the *HealthBoard* logo allows the user to go back to the homepage of *Provider's Portal*.



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HOMEPAGE: SEARCH PATIENT

Healthboard | Isaac Goodman | Available | Dr. Gregory Berg | Settings | Logout

Messages (12)

3:45 pm	Isaac Goodman	Chronic pain
2 days ago	Isaac Goodman	Problem sleep...
Apr 21	Front Desk	Persist cough
March 27	Michael Robinson	Del Damar

...plus 8 more messages. View All »

Chat

Patients | Search name

Text | Voice | Video | View History

Team Profile

Team: 1 | Role | Search

1	MD	A	Gregory Berg
1	MD	A	Neil Greenfield
1	MD	A	Michael McKinley
1	RN	U	Angela Tritle
1	RN	A	Amanda Renshaw
1	LPN	U	Nina Totenberg
1	LPN	A	Mark Rowell
1	LPN	A	Robert Massie
1	LPN	A	David Memmott
1	Admin	A	Barb Ferguson
1	Admin	A	Steve Speth
1	Admin	A	Grant Bill

My Patients (8)

Patient Search

Robinson

Show all patients | Only show patients with notifications

Advanced Search »

dd / mm / year — Date of Birth | All — Sex | e.g., Hypertension, laryngitis — Special Health conditions

There are 24 patients with Robinson. Only show patients I'm seeing today

Urgency	Last Name	First Name	Sex	DOB	Status
	Robinson	Edward	Male	01/01/1965	Abnormal weight gain – gained 10 ...
	Robinson	Berg	Male	04/23/1972	Need physical exam
	Robinson	Anna W	Male	10/12/1969	1 immunization due soon – Yellow ...
	Robinson	John S	Female	02/24/1958	Acne treatment
	Robinson	Michael	Male	11/07/1978	Need physical exam
	Robinson	Lance	Male	05/22/1983	Need medication renewal for Warfa...
	Robinson	Neil	Male	07/14/1975	Lab result ready
	Robinson	Tina	Female	10/17/1987	Need physical exam

Appointments (4) Wed, Oct 12

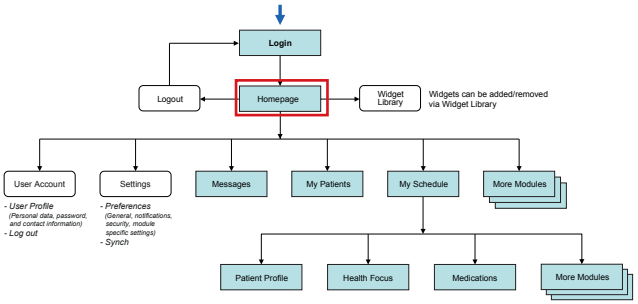
10/12/12 appointment at 1300 with Walter Glover
Physical Examination in Room 304 – Regular check-up
Prerequisite: Diagnostic Studies

0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 »

Gregory Berg, MD
Neil Greenfield, MD
Michael McKinley, MD

Visits | Web Conferences | Telephone Conferences | Others | Pending

The user can formulate a search by entering a name. In this screen, the provider enters the last name "Robinson" and sees a list of all patient with the same last name. The user can differentiate patients with the DOB (Date of Birth), Sex, or First Name.



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HOMEPAGE: SELECT PATIENT

Healthboard | Isaac Goodman | Available | Dr. Gregory Berg | Settings | Logout

Messages (12)

3:45 pm	Isaac Goodman	Chronic pain
2 days ago	Isaac Goodman	Problem sleep...
Apr 21	Front Desk	Persist cough
March 27	Michael Robinson	Del Damar

...plus 8 more messages. View All »

Chat

Patients | Search name

Text | Voice | Video | View History

Team Profile

Team: 1 | Role | Search

1	MD	A	Gregory Berg
1	MD	A	Neil Greenfield
1	MD	A	Michael McKinley
1	RN	U	Angela Tritle
1	RN	A	Amanda Renshaw
1	LPN	U	Nina Totenberg
1	LPN	A	Mark Rowell
1	LPN	A	Robert Massie
1	LPN	A	David Memmott
1	Admin	A	Barb Ferguson
1	Admin	A	Steve Speth
1	Admin	A	Grant Bill

My Patients (8)

Patient Search

Robinson | Show all patients | Only show patients with notifications

Advanced Search »

dd / mm / year (Date of Birth) | All (Sex) | e.g., Hypertension, laryngitis (Special Health conditions)

There are 24 patients with Robinson. | Only show patients I'm seeing today

Urgency	Last Name	First Name	Sex	DOB	Status
	Robinson	Edward	Male	01/01/1965	Abnormal weight gain – gained 10 ...
	Robinson	Berg	Male	04/23/1972	Need physical exam
	Robinson	Anna W	Male	10/12/1969	1 immunization due soon – Yellow ...
	Robinson	John S	Female	02/24/1958	Acne treatment
	Robinson	Michael	Male	11/07/1978	Need physical exam
	Robinson	Lance	Male	05/22/1983	Need medication renewal for Warfa...
	Robinson	Neil	Male	07/14/1975	Lab result ready
	Robinson	Tina	Female	10/17/1987	Need physical exam

Appointments (4) Wed, Oct 12

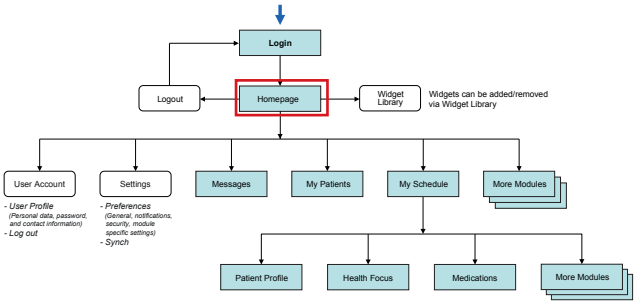
10/12/12 appointment at 1300 with Walter Glover
Physical Examination in Room 304 – Regular check-up
Prerequisite: Diagnostic Studies

0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 »

Gregory Berg, MD
Neil Greenfield, MD
Michael McKinley, MD

Visits | Web Conferences | Telephone Conferences | Others | Pending

The user selects a patient from the research result.



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HOMEPAGE: PATIENT TAB

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Michael Robinson

Patient Profile

Michael Robinson

SSN: 213-55-4232
FMP/Sponsor SSN: 213-55-4232
DOB: 01/01/1976
Age: 35 Years
Sex: Male

Address
Contact
Emergency Contact

Health Focus (2)

Urgency	Time	Type	Alert	Description
●	7:43 PM	Appointments	Physical Exam	Regular check-up
●	7:40 PM	Nutrition	Recommended fish oil	Nutrition suggestion

Medications

	Sun	Mon	Tue	Wed	Thr	Fri	Sat
Omega-3 Purified Fish Oil 1000mg Softjel	●	●	●	●	○	○	○
Multi-Vitamin Joint Immune 270mg Tab	●	●	●	●	○	○	○

Patient's Recent Activities

3:45 pm	Message	Chronic pain
Yesterday	Vital Signs	Updated glucose...
Yesterday	Nutrition	Recorded a meal...
Oct 28	Medications	Requested renewal...
Oct 27	Exercise	Updated personal...

...plus 6 more activities. View All »

Nutrition Wed, Oct 12

Grains, Fruits, Dairy, Vegetables, Protein

Sodium, Sugars, Fats & Oils, Alcohol

1,532 Calories Consumed
-0 Calories Burned

1,532 of 2,000 Total Daily Calories

Exercise

Most Recent PRT (Last: Mar 11, 2011)

Overall PRT Score 61 points Good

PATIENT: <30 | 45 | 60 | 75 | 90

61 points Good
60 points Good
48 points Satisfactory

Physician-assigned (Last: Oct 19, 2011)

35 minutes

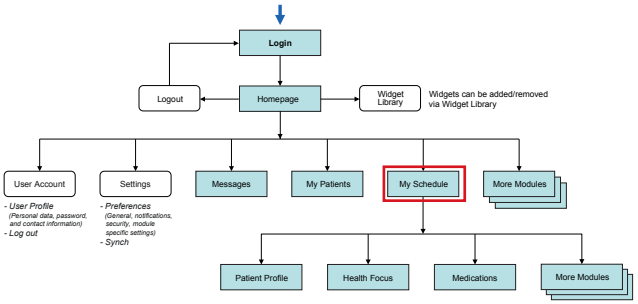
Vital Signs

Glucose Level (Last: Oct 19, 2011) 110 mg/dL

Blood Pressure (Last: Oct 19, 2011) 138/90 mmHg

Appointments

As a result, a new patient's tab opens. Since this patient does not have any urgent alerts, there is no red triangle icon in the top right corner tab.



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HOMEPAGE: PATIENT TAB

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman

Patient Profile

Isaac Goodman

Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Address
Contact
Emergency Contact

Patient's Recent Activities

3:45 pm	Message	Chronic pain
Yesterday	Vital Signs	Updated glucose...
Yesterday	Nutrition	Recorded a meal...
Oct 28	Medications	Requested renewal...
Oct 27	Exercise	Updated personal...

...plus 6 more activities. View All »

Vital Signs

Glucose Level (Last: Oct 19, 2011) 110 mg/dL

Blood Pressure (Last: Oct 19, 2011) 138/90 mmHg

Health Focus (15)

Urgency	Time	Type	Alert	Description
●	7:43 PM	Medications	Renewal Request	Lisinopril (Prinivil/Zestril)
●	7:40 PM	Medications	Renewal Request	Coumadin®
●	2 days ago	Medications	Overdose	Acetaminophen (Tylenol ® PM)
●	June 1	Immunizations	Immunization overdue	Polio
●	June 1	Immunizations	Immunization overdue	Tetanus

Medications

	Sun	Mon	Tue	Wed	Thr	Fri	Sat
Lisinopril (Prinivil/Zestril) PO 40mg Tab	☑	☑	☑	☑	☑	☑	☑
HCTZ (Esidrex/Oretic) PO 25mg Tab - Oct 12: Your renewal request was approved.	☑	☑	☑	☑	☑	☑	☑
Warfarin (Coumadin®) PO 5mg Tab	☑	☑	☑	☑	☑	☑	☑
Acetaminophen (Tylenol® PM)		⚠		✓			
Ferrous Sulfate PO 325mg Tab	☑	☑	☑	☑	☑	☑	☑
Lipodrene	☑	☑	☑	☑	☑	☑	☑
Jiang Ya Pian	☑☑☑	☑☑☑	☑☑☑	☑☑☑	☑☑☑	☑☑☑	☑☑☑

Nutrition Wed, Oct 12

Grains, Fruits, Dairy, Vegetables, Protein

Sodium, Sugars, Fats & Oils

1,532 Calories Consumed
-0 Calories Burned

Exercise

Most Recent PRT (Last: Mar 11, 2011)

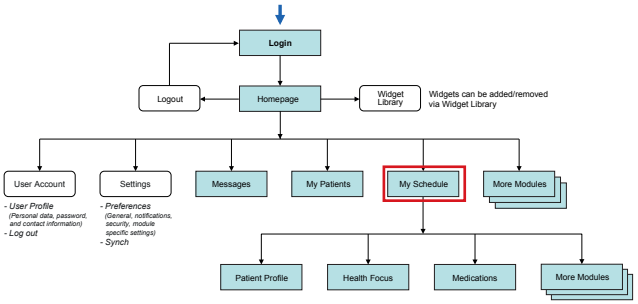
Overall PRT Score 61 points Good

PATIENT <30 45 60 75 90

61 points Good

60 points

The provider clicks on a patient's tab.



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HOMEPAGE: SELECT MEDICATIONS

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman

Patient Profile

Isaac Goodman

Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Address
Contact
Emergency Contact

Health Focus (15)

Urgency	Time	Type	Alert	Description
●	7:43 PM	Medications	Renewal Request	Lisinopril (Prinivil/Zestril)
●	7:40 PM	Medications	Renewal Request	Coumadin®
●	2 days ago	Medications	Overdose	Acetaminophen (Tylenol ® PM)
●	June 1	Immunizations	Immunization overdue	Polio
●	June 1	Immunizations	Immunization overdue	Tetanus

Medications

	Sun	Mon	Tue	Wed	Thr	Fri	Sat
Lisinopril (Prinivil/Zestril) PO 40mg Tab	☑	☑	☑	☑	☑	☑	☑
HCTZ (Esidrex/Oretic) PO 25mg Tab - Oct 12: Your renewal request was approved.	☑	☑	☑	☑	☑	☑	☑
Warfarin (Coumadin®) PO 5mg Tab	☑	☑	☑	☑	☑	☑	☑
Acetaminophen (Tylenol® PM)		⚠		✓			
Ferrous Sulfate PO 325mg Tab	☑	☑	☑	☑	☑	☑	☑
Lipodrene	☑	☑	☑	☑	☑	☑	☑
Jiang Ya Pian	☑☑☑	☑☑☑	☑☑☑	☑☑☑	☑☑☑	☑☑☑	☑☑☑

Patient's Recent Activities

3:45 pm	Message	Chronic pain
Yesterday	Vital Signs	Updated glucose...
Yesterday	Nutrition	Recorded a meal...
Oct 28	Medications	Requested renewal...
Oct 27	Exercise	Updated personal...

...plus 6 more activities. View All »

Vital Signs

Glucose Level (Last: Oct 19, 2011) 110 mg/dL

Blood Pressure (Last: Oct 19, 2011) 138/90 mmHg

Nutrition Wed, Oct 12

Grains, Fruits, Dairy, Vegetables, Protein

Sodium, Sugars, Fats & Oils

1,532 Calories Consumed
-0 Calories Burned

Exercise

Most Recent PRT (Last: Mar 11, 2011)

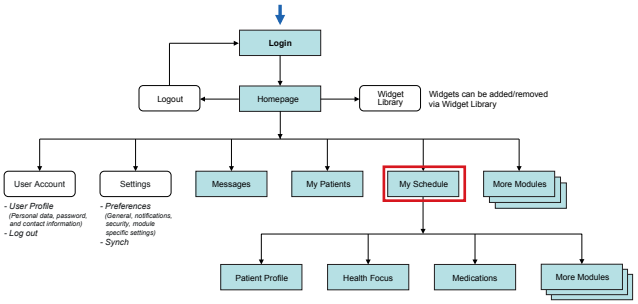
Overall PRT Score 61 points Good

PATIENT <30 45 60 75 90

61 points Good

60 points

The provider clicks on one of the widgets to launch the *Medications* module.



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HOMEPAGE: VIEW HEALTH FOCUS ALERTS FOR MEDICATIONS

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medications

Search Medications

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Health Focus (15)

Urgency	Time	Type	Alert	Description
●	7:43 PM	Medications	Renewal Request	Lisinopril (Prinivil/Zestril)
●	7:40 PM	Medications	Renewal Request	Coumadin®
●	2 days ago	Medications	Overdose	Acetaminophen (Tylenol ® PM)
●	June 1	Immunizations	Immunization overdue	Polio
●	June 1	Immunizations	Immunization overdue	Tetanus

Medication Summary

+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Medication Name	Today
Prescription Drugs	
Lisinopril (Prinivil/Zestril) PO 40mg Tab	
HCTZ (Esidrex/Oretic) PO 25mg Tab	
Warfarin (Coumadin®) PO 5mg Tab	
Over-The-Counter Drugs	
Acetaminophen (Tylenol® PM)	
Supplements	
Ferrous Sulfate PO 325mg Tab	
Lipodrene	
Herbal Medicines	
Jiang Ya Piam	

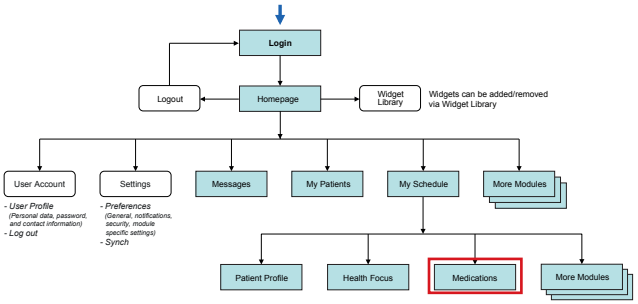
Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions

- Hypertension
- High cholesterol

The provider enters Isaac Goodman's *Medications* module. The default setting for alert display is showing alerts relevant to the module the user is in. In this screen, since the provider is in the *Medications* module, he sees the alerts regarding patient's medications. The alerts are sorted by urgency level. If there are multiple items with the same urgency level, the items are sorted chronologically (most recent one on the top).



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HOMEPAGE: VIEW ALL ALERTS FOR HEALTH FOCUS

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medications

Search Medications

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Medications (6) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
●	7:43 PM	Medications	Renewal Request	Lisinopril (Prinivil/Zestril)
●	7:40 PM	Medications	Renewal Request	Coumadin®
●	2 days ago	Medications	Overdose	Acetaminophen (Tylenol ® PM)
●	June 1	Immunizations	Immunization overdue	Polio
●	June 1	Immunizations	Immunization overdue	Tetanus

Medication Summary

+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Medication Name | Today

- Prescription Drugs
  - Lisinopril (Prinivil/Zestril) PO 40mg Tab
  - HCTZ (Esidrex/Oretic) PO 25mg Tab
  - Warfarin (Coumadin®) PO 5mg Tab
- Over-The-Counter Drugs
  - Acetaminophen (Tylenol® PM)
- Supplements
  - Ferrous Sulfate PO 325mg Tab
  - Lipodrene
- Herbal Medicines
  - Jiang Ya Piam

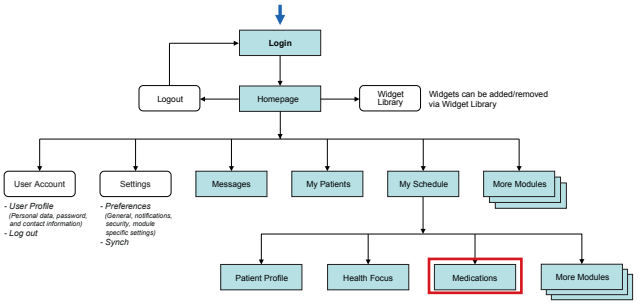
Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions

- Hypertension
- High cholesterol

The provider can also view all medical alerts. As a default, the alerts are sorted by urgency level. If there are multiple items with the same urgency level, the items are sorted chronologically (most recent one on the top).



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HOMEPAGE: SELECT A MEDICATIONS ALERT

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medications

Search Medications

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Medications (6) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
	7:43 PM	Medications	Renewal Request	Lisinopril (Prinivil/Zestril)
	7:40 PM	Medications	Renewal Request	Coumadin®
	2 days ago	Medications	Overdose	Acetaminophen (Tylenol ® PM)
	June 1	Medications	Allergic reaction	Paracetamol
	May 30	Medications	Unknown medication	Jiang Ya Plan

Medication Summary

+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Medication Name	Today
Prescription Drugs	
Lisinopril (Prinivil/Zestril) PO 40mg Tab	
HCTZ (Esidrex/Oretic) PO 25mg Tab	
Warfarin (Coumadin®) PO 5mg Tab	
Over-The-Counter Drugs	
Acetaminophen (Tylenol® PM)	
Supplements	
Ferrous Sulfate PO 325mg Tab	
Lipodrene	
Herbal Medicines	
Jiang Ya Piam	

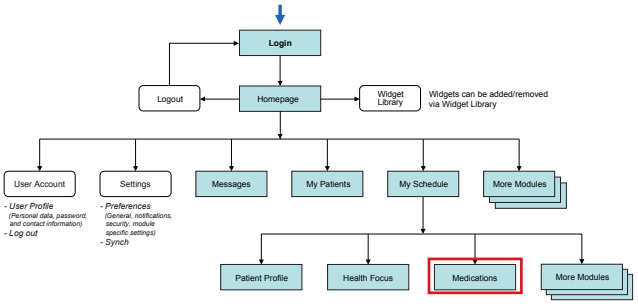
Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions

- Hypertension
- High cholesterol

Two action icons appear when the user hovers over an item in the *Health Focus* window. The provider can either send a message to the patient regarding the alert or mark as acknowledged.



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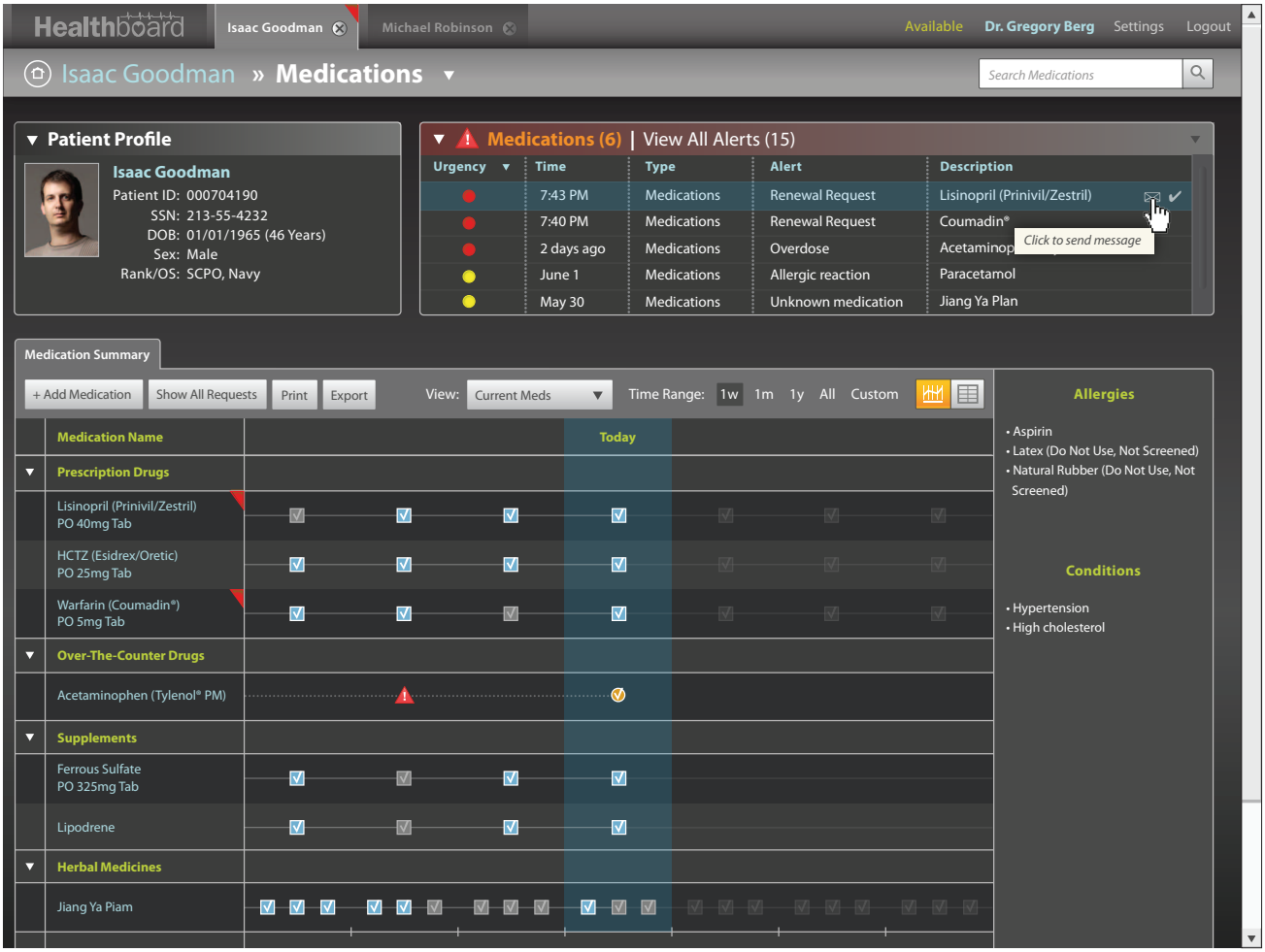
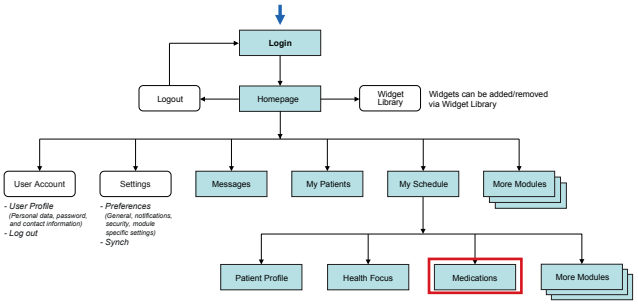
HOMEPAGE: MESSAGE OPTION FOR MEDICATIONS ALERT



A tooltip appears as the user hovers over the message icon. Clicking it will navigate the user to the *Messages* module, with the relerecipient, subject, and message pre-populated with content relevant to the alert. When the user sends a message to a patient, the alert will automatically be marked as acknowledged and archived.



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HOMEPAGE: MESSAGE OPTION FOR MEDICATIONS ALERT

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medications

Search Medications

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Medications (6) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
	7:43 PM	Medications	Renewal Request	Lisinopril (Prinivil/Zestril)
	7:40 PM	Medications	Renewal Request	Coumadin®
	2 days ago	Medications	Overdose	Acetaminophe
	June 1	Medications	Allergic reaction	Paracetamol
	May 30	Medications	Unknown medication	Jiang Ya Plan

Click to mark complete

Medication Summary

+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Medication Name	Today
Prescription Drugs	
Lisinopril (Prinivil/Zestril) PO 40mg Tab	
HCTZ (Esidrex/Oretic) PO 25mg Tab	
Warfarin (Coumadin®) PO 5mg Tab	
Over-The-Counter Drugs	
Acetaminophen (Tylenol® PM)	
Supplements	
Ferrous Sulfate PO 325mg Tab	
Lipodrene	
Herbal Medicines	
Jiang Ya Piam	

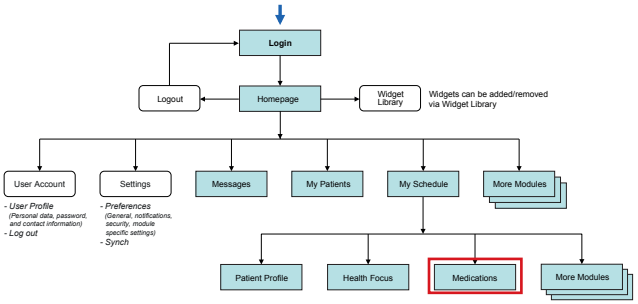
Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions

- Hypertension
- High cholesterol

A tooltip appears as the user hovers over the checkmark icon. The user can click to mark the selected alert as "Acknowledged." The "Acknowledged" alerts will then be archived and moved to the bottom of the queue, displayed in gray (see page 344).



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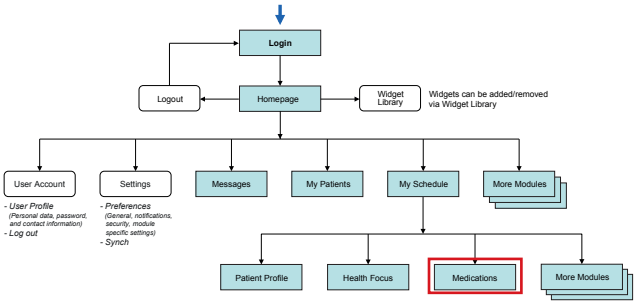
HOMEPAGE: MESSAGE OPTION FOR MEDICATIONS ALERT

The provider can add *Internal Notes* to *Health Focus*. The user can click an arrow icon in the top right corner, and select "Add Internal Note" option from the drop-down menu. A popup window appears offering a list of modules that the user can annotate the note to and a text field to enter note. The currently viewed module (*Medications* in this example) is checked by default.



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HOMEPAGE: PATIENT TAB

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medications

Search Medications

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Medications (6) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
	7:43 PM	Medications	Renewal Request	Lisinopril (Prinivil/Zestril)
	7:40 PM	Medications	Renewal Request	Coumadin®
	2 days ago	Medications	Overdose	Acetaminophen (Tylenol ® PM)
	June 1	Medications	Allergic reaction	Paracetamol
	May 30	Medications	Unknown medication	Jiang Ya Plan

Medication Summary

+ Add Medication | Show All Requests | Print | Expo | Custom

Medication Name
Prescription Drugs
Lisinopril (Prinivil/Zestril) PO 40mg Tab
HCTZ (Esidrex/Oretic) PO 25mg Tab
Warfarin (Coumadin®) PO 5mg Tab
Over-The-Counter Drugs
Acetaminophen (Tylenol® PM)
Supplements
Ferrous Sulfate PO 325mg Tab
Lipodrene
Herbal Medicines
Jiang Ya Piam

Add Internal Note

To Module: Check All Clear All

- ☑ Appointments
- ☑ Exercise
- ☑ Immunizations
- ☑ Medical Records
- ☑ Medications
- ☑ Messages
- ☑ Nutrition
- ☑ Vital Signs

Description:

Add | Clear | Cancel

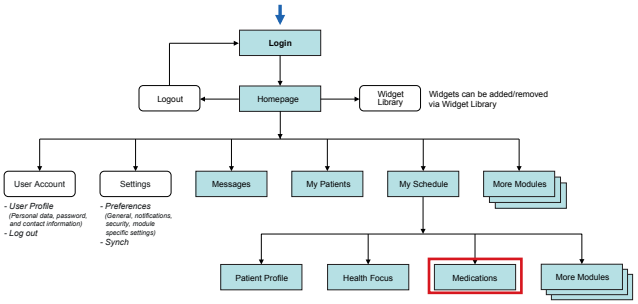
Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions

- Hypertension
- High cholesterol

The user can click a link to "Check All" modules.



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HOMEPAGE: PATIENT TAB

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medications

Search Medications

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Medications (6) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
	7:43 PM	Medications	Renewal Request	Lisinopril (Prinivil/Zestril)
	7:40 PM	Medications	Renewal Request	Coumadin®
	2 days ago	Medications	Overdose	Acetaminophen (Tylenol ® PM)
	June 1	Medications	Allergic reaction	Paracetamol
	May 30	Medications	Unknown medication	Jiang Ya Plan

Medication Summary

+ Add Medication | Show All Requests | Print | Expo | Custom

Medication Name
Prescription Drugs
Lisinopril (Prinivil/Zestril) PO 40mg Tab
HCTZ (Esidrex/Oretic) PO 25mg Tab
Warfarin (Coumadin®) PO 5mg Tab
Over-The-Counter Drugs
Acetaminophen (Tylenol® PM)
Supplements
Ferrous Sulfate PO 325mg Tab
Lipodrene
Herbal Medicines
Jiang Ya Piam

Add Internal Note

To Module: Check All Clear All

- Appointments
- Exercise
- Immunizations
- Medical Records
- Medications
- Messages
- Nutrition
- Vital Signs

Description: This patient is always 15 minutes late for appointment.

Add | Clear | Cancel

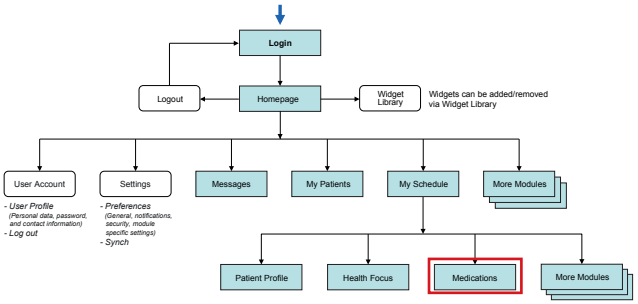
Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions

- Hypertension
- High cholesterol

The user enters a note in the text field, and click the "Add" button.



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HOMEPAGE: PATIENT TAB

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medications

Search Medications

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Medications (7) | View All Alerts (16)

Urgency	Time	Type	Alert	Description
	8:00 PM	All	Internal Note	This patient is always 15 min...
	7:43 PM	Medications	Renewal Request	Lisinopril (Prinivil/Zestril)
	7:40 PM	Medications	Renewal Request	Coumadin®
	2 days ago	Medications	Overdose	Acetaminophen (Tylenol ® PM)
	June 1	Medications	Allergic reaction	Paracetamol

Medication Summary

+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Medication Name | Today

- Prescription Drugs
  - Lisinopril (Prinivil/Zestril) PO 40mg Tab
  - HCTZ (Esidrex/Oretic) PO 25mg Tab
  - Warfarin (Coumadin®) PO 5mg Tab
- Over-The-Counter Drugs
  - Acetaminophen (Tylenol® PM)
- Supplements
  - Ferrous Sulfate PO 325mg Tab
  - Lipodrene
- Herbal Medicines
  - Jiang Ya Piam

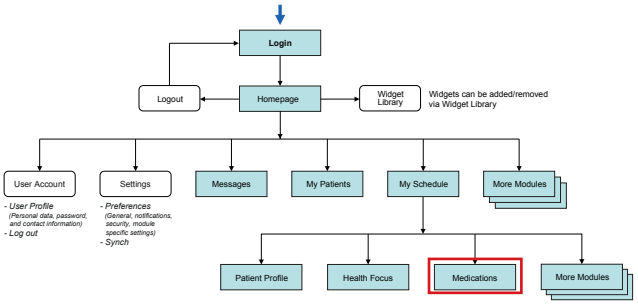
Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions

- Hypertension
- High cholesterol

A new internal note is added to the list. The number of alerts is updated accordingly, such as "View All Alerts (15)" increments to "View All Alerts (16)." For *Internal Notes,* there is no urgency level. However, it is indicated with a pin icon and will always be displayed at the top of the list.



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HOMEPAGE: PATIENT TAB

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medications

Search Medications

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Medications (7) | View All Alerts (16)

Urgency	Time	Type	Alert	Description
	8:00 PM	All	Internal Note	
	7:43 PM	Medications	Renewal Request	
	7:40 PM	Medications	Renewal Request	
	2 days ago	Medications	Overdose	Acetaminophen (Tylenol ® PM)
	June 1	Medications	Allergic reaction	Paracetamol

Add New Internal Note
View
✔ Active
All

Medication Summary

+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Medication Name	Today
Prescription Drugs	
Lisinopril (Prinivil/Zestril) PO 40mg Tab	
HCTZ (Esidrex/Oretic) PO 25mg Tab	
Warfarin (Coumadin®) PO 5mg Tab	
Over-The-Counter Drugs	
Acetaminophen (Tylenol® PM)	
Supplements	
Ferrous Sulfate PO 325mg Tab	
Lipodrene	
Herbal Medicines	
Jiang Ya Piam	

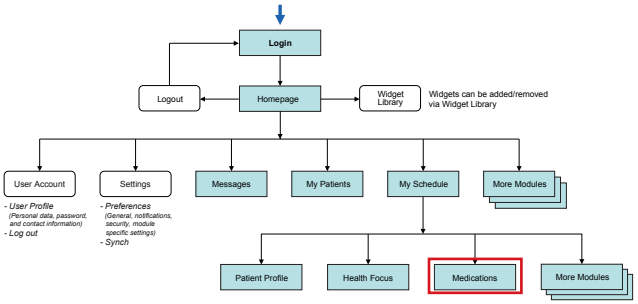
Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions

- Hypertension
- High cholesterol

The user can set preference for alert display. The user can click an arrow icon in the top right corner, and select "View" option from the drop-down menu. By default, "Active" is selected.



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HOMEPAGE: PATIENT TAB

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medications

Search Medications

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Medications (7) | View All Alerts (16)

Urgency	Time	Type	Alert	Description
	8:00 PM	All	Internal Note	
	7:43 PM	Medications	Renewal Request	
	7:40 PM	Medications	Renewal Request	
	2 days ago	Medications	Overdose	Acetaminophen (Tylenol ® PM)
	June 1	Medications	Allergic reaction	Paracetamol

Add New Internal Note
View
✔ Active
All

Medication Summary

+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Medication Name	Today
Prescription Drugs	
Lisinopril (Prinivil/Zestril) PO 40mg Tab	
HCTZ (Esidrex/Oretic) PO 25mg Tab	
Warfarin (Coumadin®) PO 5mg Tab	
Over-The-Counter Drugs	
Acetaminophen (Tylenol® PM)	
Supplements	
Ferrous Sulfate PO 325mg Tab	
Lipodrene	
Herbal Medicines	
Jiang Ya Piam	

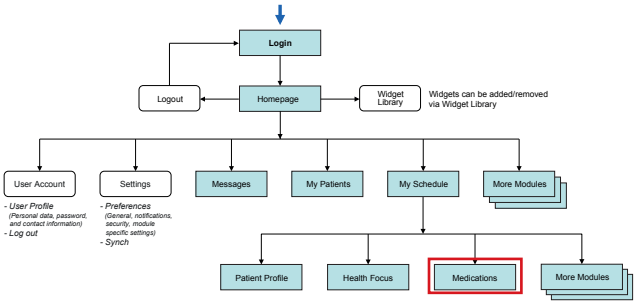
Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions

- Hypertension
- High cholesterol

The user can select "All" to view acknowledged alerts from the past.



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HOMEPAGE: PATIENT TAB

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medications

Search Medications

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Medications (9) | View All Alerts (18)

Urgency	Time	Type	Alert	Description
	2 days ago	Medications	Overdose	Acetaminophen (Tylenol ® PM)
	June 1	Medications	Allergic reaction	Paracetamol
	May 30	Medications	Unknown medication	Jiang Ya Plan
	May 15	Medications	Request Renewal	HCTZ (Esidrex/Oretic)
	May 15	Medications	Request Renewal	Warfarin (Coumadin®)

Medication Summary

+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Medication Name	Today
Prescription Drugs	
Lisinopril (Prinivil/Zestril) PO 40mg Tab	
HCTZ (Esidrex/Oretic) PO 25mg Tab	
Warfarin (Coumadin®) PO 5mg Tab	
Over-The-Counter Drugs	
Acetaminophen (Tylenol® PM)	
Supplements	
Ferrous Sulfate PO 325mg Tab	
Lipodrene	
Herbal Medicines	
Jiang Ya Piam	

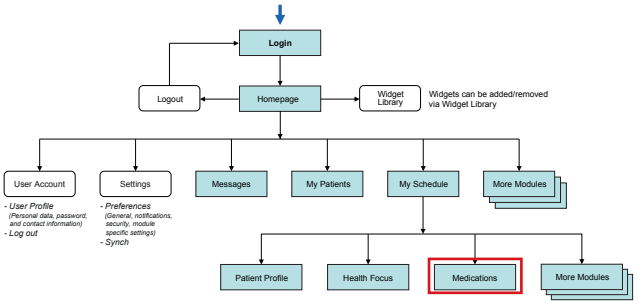
Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions

- Hypertension
- High cholesterol

The "Acknowledged" alerts are displayed in gray at the bottom of the list.



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HOMEPAGE: PATIENT TAB

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman

Patient Profile

Isaac Goodman

Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Address
Contact
Emergency Contact

Appointments (2) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
	8:00 PM	All	Internal Note	This patient is always 15 min...
	7:43 PM	Medications	Renewal Request	Lisinopril (Prinivil/Zestril)
	7:40 PM	Medications	Renewal Request	Coumadin®
	2 days ago	Medications	Overdose	Acetaminophen (Tylenol ® PM)
	June 1	Immunizations	Immunization overdue	Polio

Medications

Lisinopril (Prinivil/Zestril) PO 40mg Tab
HCTZ (Esidrex/Oretic) PO 25mg Tab
- Oct 12: Your renewal request was approved.
Warfarin (Coumadin®) PO 5mg Tab
Acetaminophen (Tylenol® PM)
Ferrous Sulfate PO 325mg Tab
Lipodrene
Jiang Ya Pian

Sun Mon Tue Wed Thr Fri Sat

Patient's Recent Activities

3:45 pm	Message	Chronic pain
Yesterday	Vital Signs	Updated glucose...
Yesterday	Nutrition	Recorded a meal...
Oct 28	Medications	Requested renewal...
Oct 27	Exercise	Updated personal...

...plus 6 more activities. View All »

Vital Signs

Glucose Level (Last: Oct 19, 2011) 110 mg/dL

Blood Pressure (Last: Oct 19, 2011) 138/90 mmHg

Nutrition Wed, Oct 12

Grains, Fruits, Dairy, Vegetables, Protein

Sodium, Sugars, Fats & Oils

1,532 Calories Consumed
-0 Calories Burned

Exercise

Most Recent PRT (Last: Mar 11, 2011)

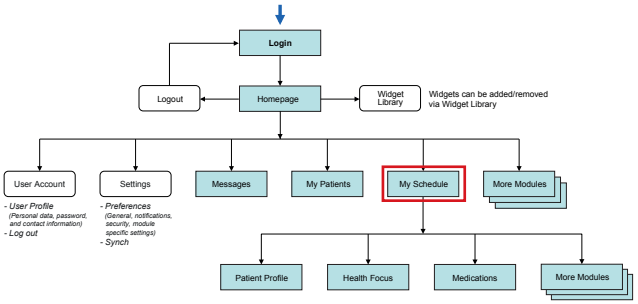
Overall PRT Score 61 points Good

PATIENT <30 45 60 75 90

61 points Good

60 points

The user clicks home icon to return to the patient's homepage.



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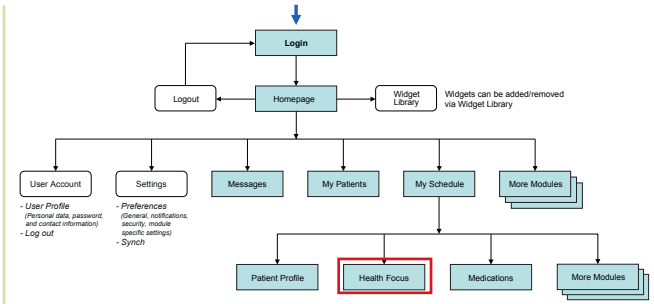
HOMEPAGE: PATIENT TAB

The provider can also add *Internal Note* from here.



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New York, NY 10011
212 229 6825
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Appointments Individual

INTRODUCTION This section of the Detailed GUI Volume documents the design of the Provider Portal's *Appointments* function set for the Visual Dashboard for a Patient Centered Medical Home (PCMH). The documentation includes both workflow diagrams and visual models: the workflow diagrams detail the user experience and interactions within this module, and the visual models present graphic assets and elements within this module.

The following are high-level objectives for *Appointments* (individual patient):

- To let the provider view past appointment records with summaries and scheduled appointments of the selected patient.
- To allow the provider to send notices when a visit, telephone consult, and/or class enrollment are needed.

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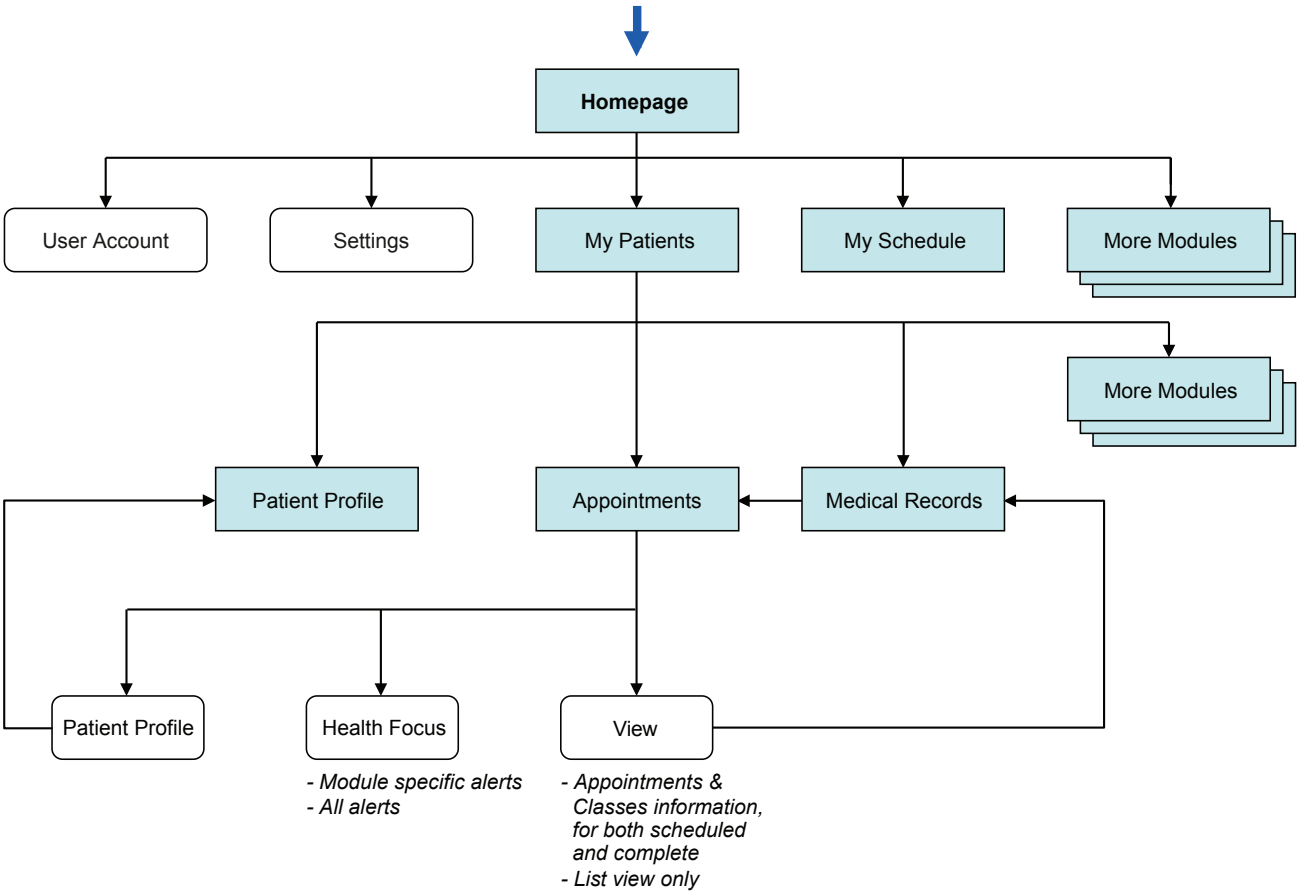
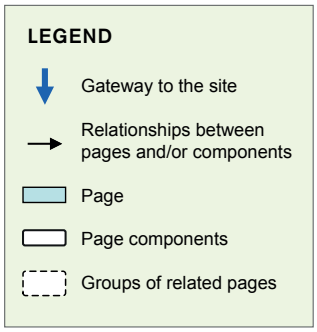
FLOWCHART FOR APPOINTMENTS MODULE





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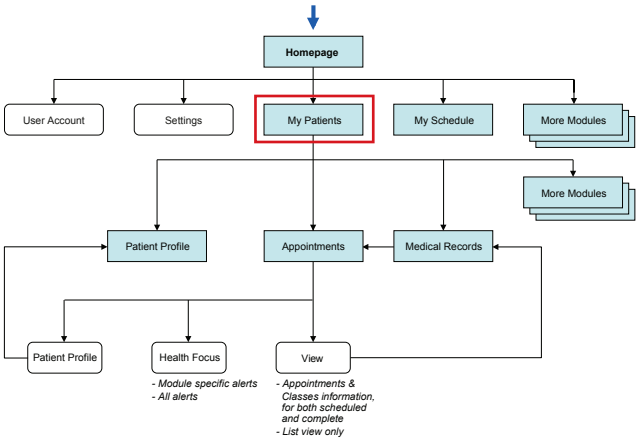
APPOINTMENTS: PATIENT TAB

Under the patient tab, the provider can access the *Appointments* module.



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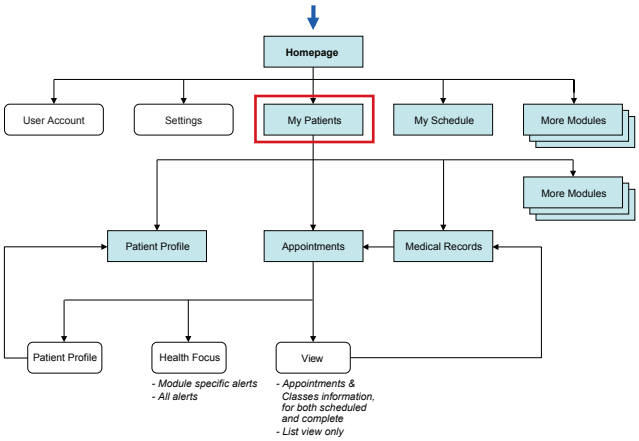
APPOINTMENTS: PATIENT TAB (CONTINUED)

The user selects the *Appointments* box, highlighted in orange.



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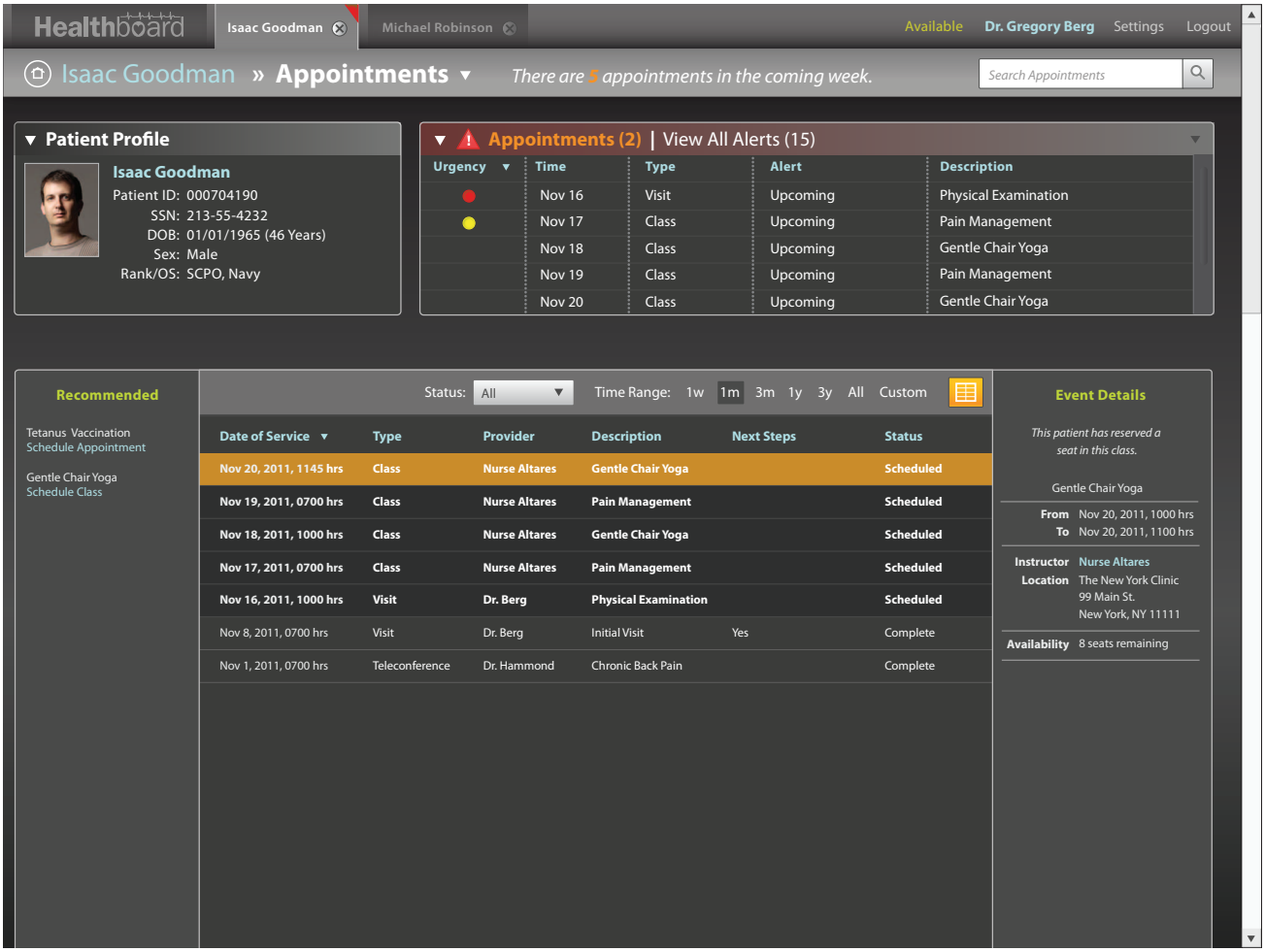
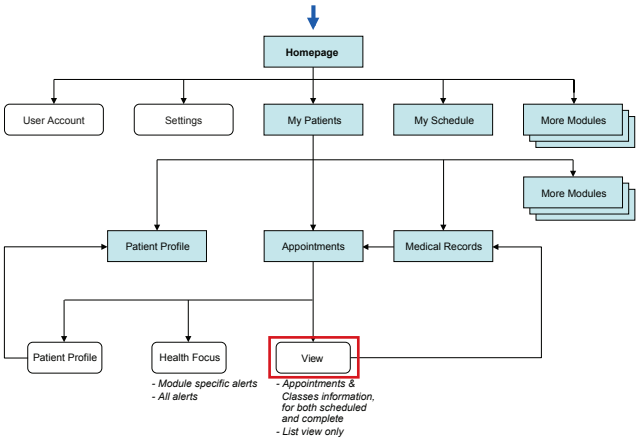
APPOINTMENTS: LANDING SCREEN



This is the landing screen of the *Appointments* module. The content is displayed in a Table format. The user can choose a time range to display and both the scheduled (dark gray background) and the completed (lighter gray background) appointments are displayed by default. Shown is a highlighted row (table top). When a row is selected, the corresponding appointment details appear on the right side in Event Details section.



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APPOINTMENTS: FILTER

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Appointments ▾ *There are 5 appointments in the coming week.* Search Appointments

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Appointments (2) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
	Nov 16	Visit	Upcoming	Physical Examination
	Nov 17	Class	Upcoming	Pain Management
	Nov 18	Class	Upcoming	Gentle Chair Yoga
	Nov 19	Class	Upcoming	Pain Management
	Nov 20	Class	Upcoming	Gentle Chair Yoga

Recommended

Tetanus Vaccination
Schedule Appointment

Gentle Chair Yoga
Schedule Class

Status: ✓ All | Scheduled | Complete — Time Range: 1w 1m 3m 1y 3y All Custom

Date of Service	Type		Description	Next Steps	Status
Nov 20, 2011, 1145 hrs	Class	Nurse Altares	Gentle Chair Yoga		Scheduled
Nov 19, 2011, 0700 hrs	Class	Nurse Altares	Pain Management		Scheduled
Nov 18, 2011, 1000 hrs	Class	Nurse Altares	Gentle Chair Yoga		Scheduled
Nov 17, 2011, 0700 hrs	Class	Nurse Altares	Pain Management		Scheduled
Nov 16, 2011, 1000 hrs	Visit	Dr. Berg	Physical Examination		Scheduled
Nov 8, 2011, 0700 hrs	Visit	Dr. Berg	Initial Visit	Yes	Complete
Nov 1, 2011, 0700 hrs	Teleconference	Dr. Hammond	Chronic Back Pain		Complete

Event Details

This patient has reserved a seat in this class.

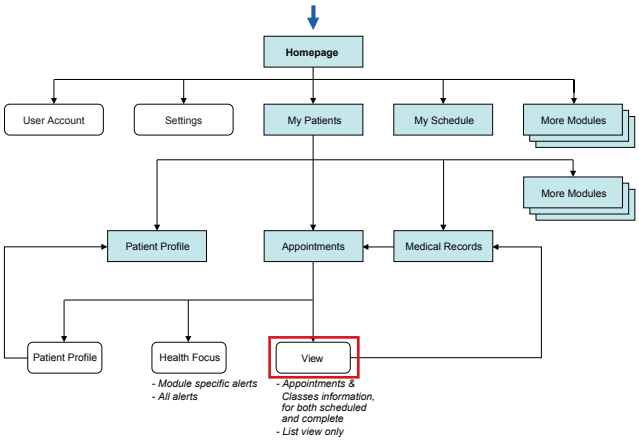
Gentle Chair Yoga

From Nov 20, 2011, 1000 hrs
To Nov 20, 2011, 1100 hrs

Instructor Nurse Altares
Location The New York Clinic, 99 Main St., New York, NY 11111

Availability 8 seats remaining

The user can choose to display "All," "Scheduled," or "Complete" appointments by selecting one of the options from the "Status" bar.



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APPOINTMENTS: FILTER SCHEDULED

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Appointments ▾ *There are 5 appointments in the coming week.* Search Appointments

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Appointments (2) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
●	Nov 16	Visit	Upcoming	Physical Examination
●	Nov 17	Class	Upcoming	Pain Management
	Nov 18	Class	Upcoming	Gentle Chair Yoga
	Nov 19	Class	Upcoming	Pain Management
	Nov 20	Class	Upcoming	Gentle Chair Yoga

Recommended

Tetanus Vaccination
Schedule Appointment

Gentle Chair Yoga
Schedule Class

Status: Scheduled ▾ Time Range: 1w 1m 3m 1y 3y All Custom

Date of Service	Type	Provider	Description	Next Steps	Status
Nov 20, 2011, 1145 hrs	Class	Nurse Altares	Gentle Chair Yoga		Scheduled
Nov 19, 2011, 0700 hrs	Class	Nurse Altares	Pain Management		Scheduled
Nov 18, 2011, 1000 hrs	Class	Nurse Altares	Gentle Chair Yoga		Scheduled
Nov 17, 2011, 0700 hrs	Class	Nurse Altares	Pain Management		Scheduled
Nov 16, 2011, 1000 hrs	Visit	Dr. Berg	Physical Examination		Scheduled

Event Details

This patient has reserved a seat in this class.

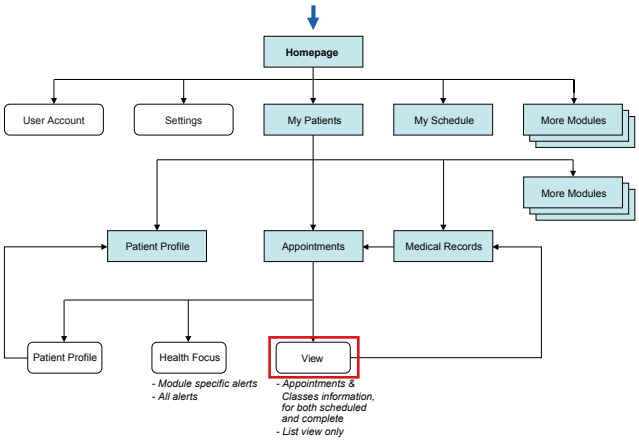
Gentle Chair Yoga

From Nov 20, 2011, 1000 hrs
To Nov 20, 2011, 1100 hrs

Instructor Nurse Altares
Location The New York Clinic
99 Main St.
New York, NY 11111

Availability 8 seats remaining

The displayed appointments will update in accordance with the selected status here, only the "Scheduled" appointments are displayed. The patient's upcoming class is highlighted in blue. The provider can use the arrow keys to toggle between appointments.



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APPOINTMENTS: FILTER ALL

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Appointments ▾ *There are 5 appointments in the coming week.* Search Appointments

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Appointments (2) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
	Nov 16	Visit	Upcoming	Physical Examination
	Nov 17	Class	Upcoming	Pain Management
	Nov 18	Class	Upcoming	Gentle Chair Yoga
	Nov 19	Class	Upcoming	Pain Management
	Nov 20	Class	Upcoming	Gentle Chair Yoga

Recommended

Tetanus Vaccination
Schedule Appointment

Gentle Chair Yoga
Schedule Class

Status: All | Time Range: 1w 1m 3m 1y 3y All Custom

Date of Service	Type	Provider	Description	Next Steps	Status
Nov 20, 2011, 1145 hrs	Class	Nurse Altares	Gentle Chair Yoga		Scheduled
Nov 19, 2011, 0700 hrs	Class	Nurse Altares	Pain Management		Scheduled
Nov 18, 2011, 1000 hrs	Class	Nurse Altares	Gentle Chair Yoga		Scheduled
Nov 17, 2011, 0700 hrs	Class	Nurse Altares	Pain Management		Scheduled
Nov 16, 2011, 1000 hrs	Visit	Dr. Berg	Physical Examination		Scheduled
Nov 8, 2011, 0700 hrs	Visit	Dr. Berg	Initial Visit	Yes	Complete
Nov 1, 2011, 0700 hrs	Teleconference	Dr. Hammond	Chronic Back Pain		Complete

Event Details

This patient has reserved a seat in this class.

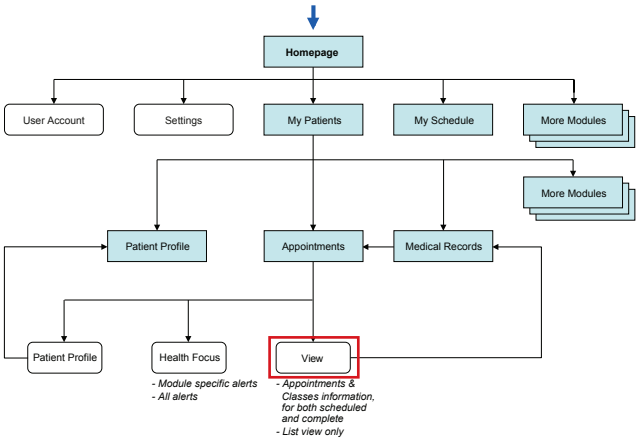
Gentle Chair Yoga

From Nov 20, 2011, 1000 hrs
To Nov 20, 2011, 1100 hrs

Instructor Nurse Altares
Location The New York Clinic
99 Main St.
New York, NY 11111

Availability 8 seats remaining

The user has chosen to view "All" appointments.



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APPOINTMENTS: SELECT PATIENT

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Appointments ▾ *There are 5 appointments in the coming week.* Search Appointments

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Appointments (2) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
	Nov 16	Visit	Upcoming	Physical Examination
	Nov 17	Class	Upcoming	Pain Management
	Nov 18	Class	Upcoming	Gentle Chair Yoga
	Nov 19	Class	Upcoming	Pain Management
	Nov 20	Class	Upcoming	Gentle Chair Yoga

Recommended

Tetanus Vaccination
Schedule Appointment

Gentle Chair Yoga
Schedule Class

Status: All | Time Range: 1w 1m 3m 1y 3y All Custom

Date of Service	Type	Provider	Description	Next Steps	Status
Nov 20, 2011, 1145 hrs	Class	Nurse Altares	Gentle Chair Yoga		Scheduled
Nov 19, 2011, 0700 hrs	Class	Nurse Altares	Pain Management		Scheduled
Nov 18, 2011, 1000 hrs	Class	Nurse Altares	Gentle Chair Yoga		Scheduled
Nov 17, 2011, 0700 hrs	Class	Nurse Altares	Pain Management		Scheduled
Nov 16, 2011, 1000 hrs	Visit	Dr. Berg	Physical Examination		Scheduled
Nov 8, 2011, 0700 hrs	Visit	Dr. Berg	Initial Visit	Yes	Complete
Nov 1, 2011, 0700 hrs	Teleconference	Dr. Hammond	Chronic Back Pain		Complete

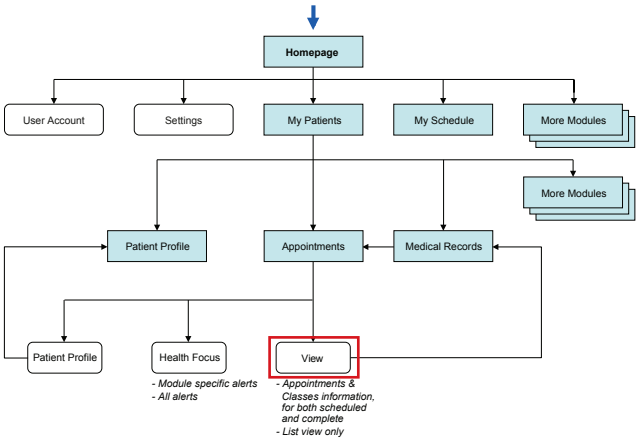
Event Details

Dr. Gregory Berg, Team 1
From Nov 16, 2011, 1000 hrs
To Nov 16, 2011, 1100 hrs
Type Routine
Classification Outpatient
RFV Physical Examination
Phone (999) 999-9999
Address The New York Clinic
99 Main St.
New York, NY 11111

Medical Records Not Available

– Cancel Appointment

The provider selects an upcoming visit. The information displayed under Event Details differs from the information displayed for Class, and the option to "Cancel Appointment" is also available.



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APPOINTMENTS: SELECT PATIENT

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Appointments ▾ *There are 5 appointments in the coming week.* Search Appointments

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Appointments (2) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
●	Nov 16	Visit	Upcoming	Physical Examination
●	Nov 17	Class	Upcoming	Pain Management
	Nov 18	Class	Upcoming	Gentle Chair Yoga
	Nov 19	Class	Upcoming	Pain Management
	Nov 20	Class	Upcoming	Gentle Chair Yoga

Recommended

Tetanus Vaccination
Schedule Appointment

Gentle Chair Yoga
Schedule Class

Status: All | Time Range: 1w 1m 3m 1y 3y All Custom

Date of Service	Type	Provider	Description	Next Steps	Status
Nov 20, 2011, 1145 hrs	Class	Nurse Altares	Gentle Chair Yoga		Scheduled
Nov 19, 2011, 0700 hrs	Class	Nurse Altares	Pain Management		Scheduled
Nov 18, 2011, 1000 hrs	Class	Nurse Altares	Gentle Chair Yoga		Scheduled
Nov 17, 2011, 0700 hrs	Class	Nurse Altares	Pain Management		Scheduled
Nov 16, 2011, 1000 hrs	Visit	Dr. Berg	Physical Examination		Scheduled
Nov 8, 2011, 0700 hrs	Visit	Dr. Berg	Initial Visit	Yes	Complete
Nov 1, 2011, 0700 hrs	Teleconference	Dr. Hammond	Chronic Back Pain		Complete

Event Details

Dr. Gregory Berg, Team 1

From Nov 8, 2011, 0700 hrs
To Nov 8, 2011, 0800 hrs

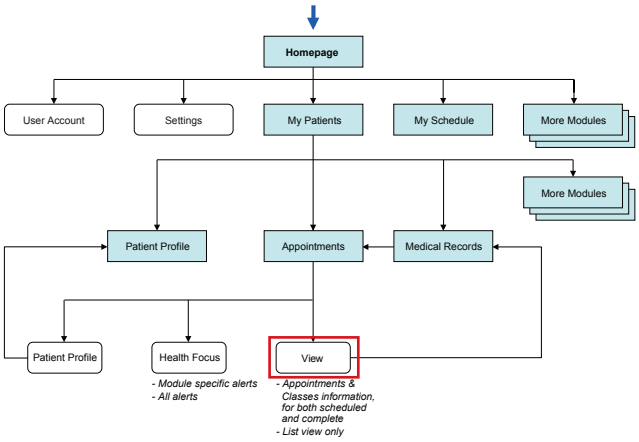
Type Routine
Classification Outpatient
RFV Initial Visit

Phone (999) 999-9999
Address The New York Clinic
99 Main St.
New York, NY 11111

Next Steps
- It's time for your Tetanus Vaccination. Schedule one as soon as possible.
- Think about signing up for the Gentle Chair Yoga class. It's helped my some of my other patients.
- Check out some of the other classes we offer and see if any appeal to you.

View Medical Records

The provider selects an appointment in the past. The information under Event Details updates, includes a Next Steps section with a link to "View Medical Records."



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APPOINTMENTS: VIEW MEDICAL RECORDS

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Appointments ▾ *There are 5 appointments in the coming week.* Search Appointments

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Appointments (2) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
	Nov 16	Visit	Upcoming	Physical Examination
	Nov 17	Class	Upcoming	Pain Management
	Nov 18	Class	Upcoming	Gentle Chair Yoga
	Nov 19	Class	Upcoming	Pain Management
	Nov 20	Class	Upcoming	Gentle Chair Yoga

Recommended

Tetanus Vaccination
Schedule Appointment

Gentle Chair Yoga
Schedule Class

Status: All | Time Range: 1w 1m 3m 1y 3y All Custom

Date of Service	Type	Provider	Description	Next Steps	Status
Nov 20, 2011, 1145 hrs	Class	Nurse Altares	Gentle Chair Yoga		Scheduled
Nov 19, 2011, 0700 hrs	Class	Nurse Altares	Pain Management		Scheduled
Nov 18, 2011, 1000 hrs	Class	Nurse Altares	Gentle Chair Yoga		Scheduled
Nov 17, 2011, 0700 hrs	Class	Nurse Altares	Pain Management		Scheduled
Nov 16, 2011, 1000 hrs	Visit	Dr. Berg	Physical Examination		Scheduled
Nov 8, 2011, 0700 hrs	Visit	Dr. Berg	Initial Visit	Yes	Complete
Nov 1, 2011, 0700 hrs	Teleconference	Dr. Hammond	Chronic Back Pain		Complete

Event Details

Dr. Gregory Berg, Team 1

From Nov 8, 2011, 0700 hrs
To Nov 8, 2011, 0800 hrs

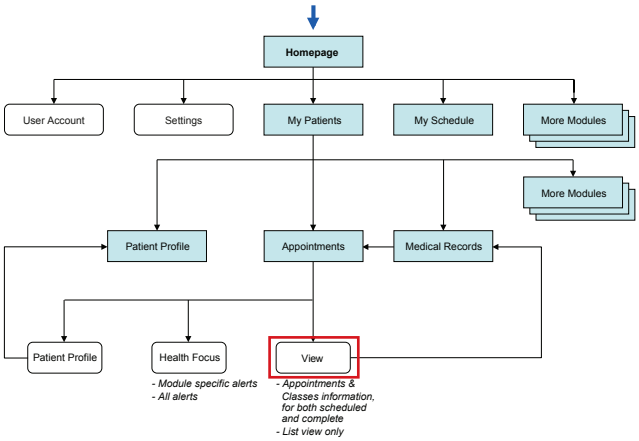
Type Routine
Classification Outpatient
RFV Initial Visit

Phone (999) 999-9999
Address The New York Clinic
99 Main St.
New York, NY 11111

Next Steps
- It's time for your Tetanus Vaccination. Schedule one as soon as possible.
- Think about signing up for the Gentle Chair Yoga class. It's helped my some of my other patients.
- Check out some of the other classes we offer and see if any appeal to you.

View Medical Records

The user selects "View Medical Records."



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APPOINTMENTS: MEDICAL RECORDS

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medical Records

Search Medical Records

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Medical Records (15) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
●	7:43 PM	Medications	Renewal Request	Lisinopril (Prinivil/Zestril)
●	7:40 PM	Medications	Renewal Request	Coumadin®
●	2 days ago	Medications	Overdose	Acetaminophen (Tylenol ® PM)
●	June 1	Immunizations	Immunization overdue	Polio
●	June 1	Immunizations	Immunization overdue	Tetanus

Service History | Nov 8, 2011 – Inital Visit

Print | Export

Visit Details

Provider Dr. Gregory Berg, Team 1

Date Tue, November 8, 2011
Time 0700 – 0800 hrs

Type Primary Care Physician Visit
Reason for Visit Initial Visit
Classification Outpatient

Phone (999) 999-9999
Addresss The New York Clinic
99 Main St.
New York, NY 11111

Next Steps

- Start the Physical Rehabilitation regimen we spoke about. Our Gentle Chair Yoga class would be beneficial if you find the time.
  Recommendation: Gentle Chair Yoga Class
- Continue to check blood sugar twice daily.
  Recommendation: Set a Reminder

Visit Summary

History of Present Illness

The patient is a 47 y.o. male.

He reported: No fever and no chills.
No earache, No nasal discharge and no sore throat.
No cough and not coughing up sputum.
No myalgias.

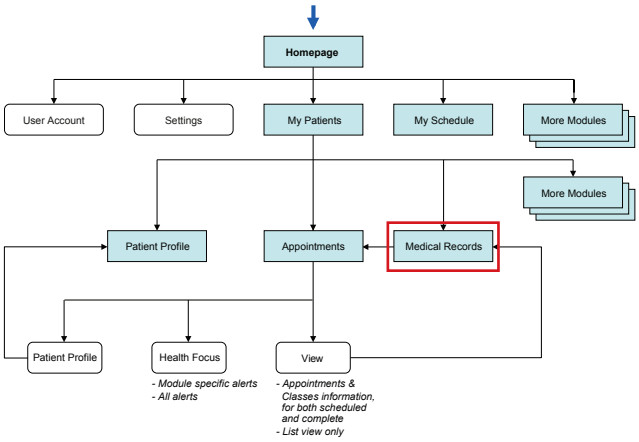
Past Medical History

Ut enim ad minim veniam, quis nostrud exercitation ullam.
laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit.
Voluptate velit esse cillum dolore eu fugiat nulla pariatur.
Quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat.
Duis aut irure dolor in reprehenvoluptate velit esse cillum dolore eu fugiat.

Review of Systems

Quis nostrud exercitation ullamco laboris nisi ut aliquip ex.
Duis aut irure dolor in reprehenvoluptate velit esse cillum dolore eu fugiat.
Ut enim ad minim veniam, quis nostrud exercitation ullam.
laboris nisi ut aliquip ex ea comoconsequat.

Upon selection, the user is taken directly to *Medical Records*. A new tab is opened with the selected appointment's Visit Details, Next Steps, and Visit Summary.



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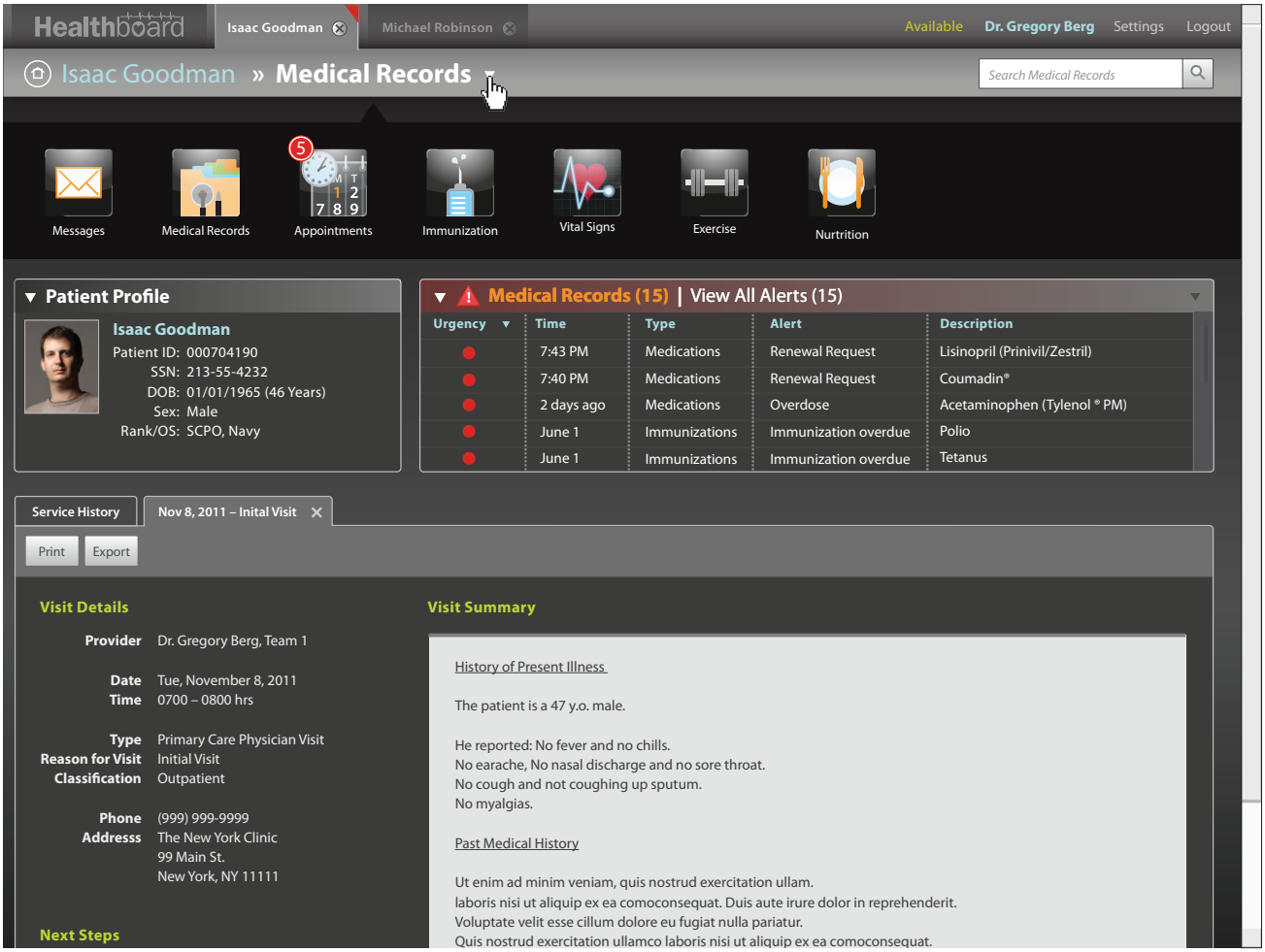
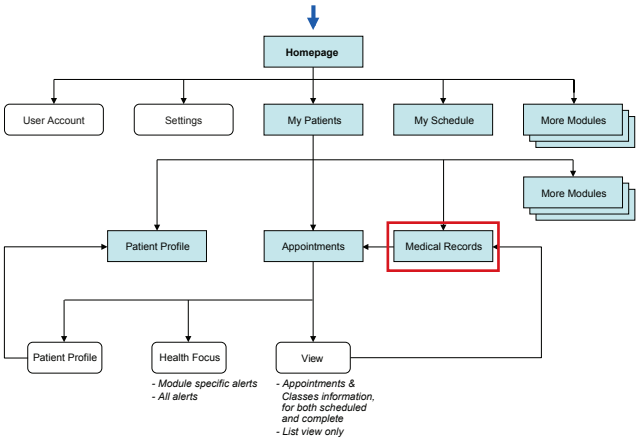
APPOINTMENTS: MEDICAL RECORDS OPTIONS



On the top, selecting the arrow next to *Medical Records* drops down the list of modules. The user can move directly to another module.



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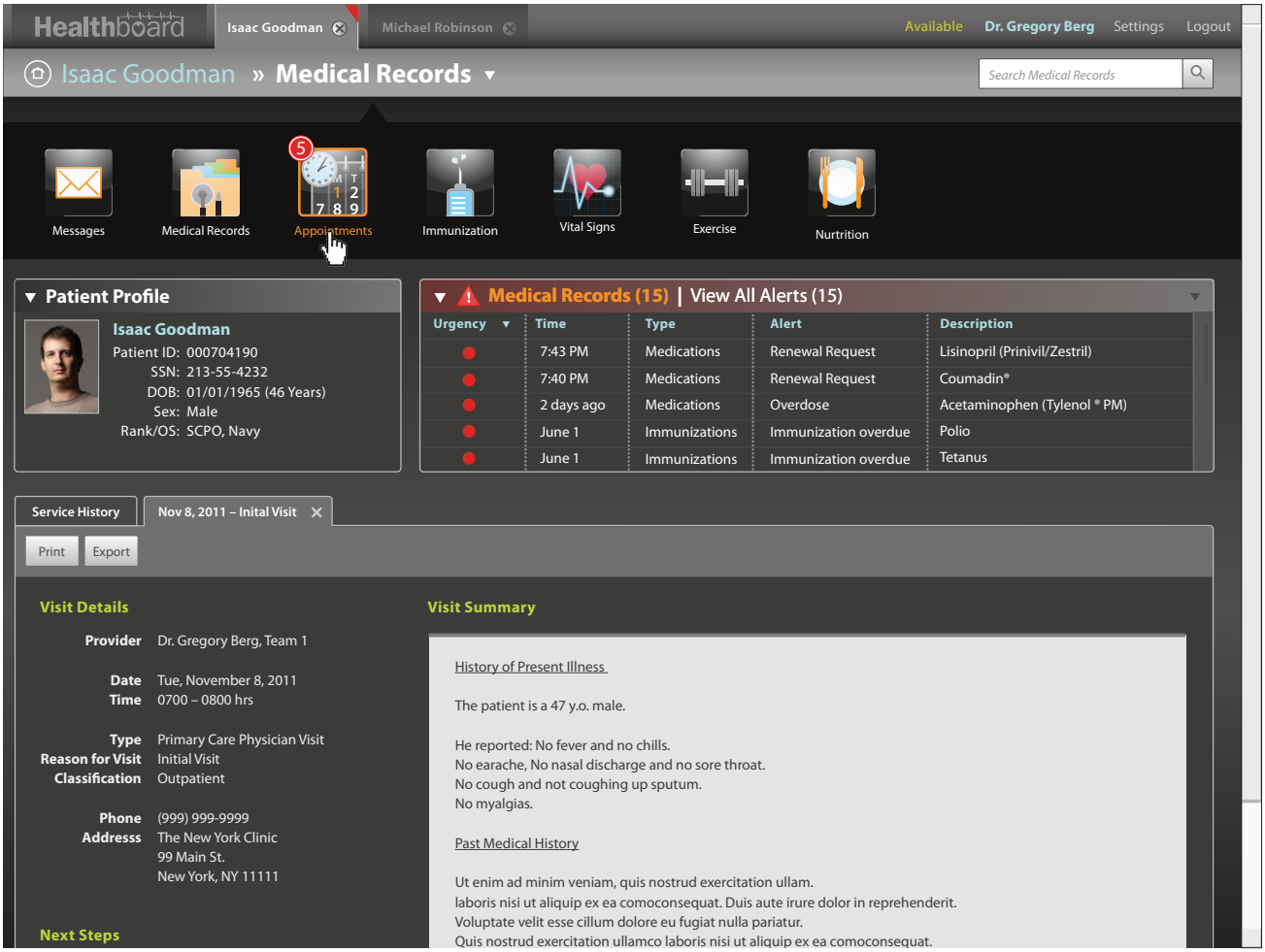
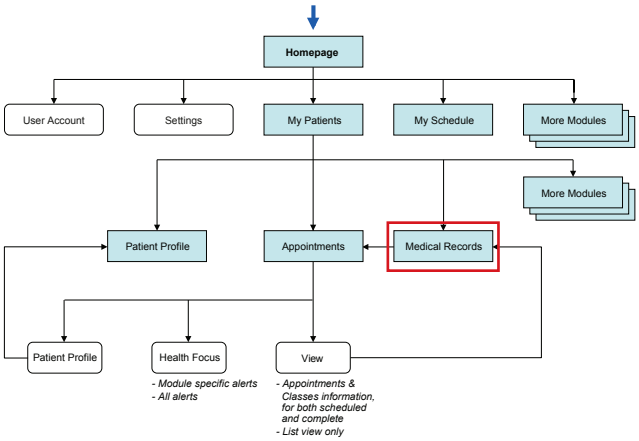
APPOINTMENTS: MEDICAL RECORDS - RETURN TO APPOINTMENTS



The user chooses to go back to *Appointments*.



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APPOINTMENTS

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Appointments ▾ *There are 5 appointments in the coming week.* Search Appointments

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Appointments (2) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
●	Nov 16	Visit	Upcoming	Physical Examination
●	Nov 17	Class	Upcoming	Pain Management
	Nov 18	Class	Upcoming	Gentle Chair Yoga
	Nov 19	Class	Upcoming	Pain Management
	Nov 20	Class	Upcoming	Gentle Chair Yoga

Recommended

Tetanus Vaccination
Schedule Appointment

Gentle Chair Yoga
Schedule Class

Status: All | Time Range: 1w 1m 3m 1y 3y All Custom

Date of Service	Type	Provider	Description	Next Steps	Status
Nov 20, 2011, 1145 hrs	Class	Nurse Altares	Gentle Chair Yoga		Scheduled
Nov 19, 2011, 0700 hrs	Class	Nurse Altares	Pain Management		Scheduled
Nov 18, 2011, 1000 hrs	Class	Nurse Altares	Gentle Chair Yoga		Scheduled
Nov 17, 2011, 0700 hrs	Class	Nurse Altares	Pain Management		Scheduled
Nov 16, 2011, 1000 hrs	Visit	Dr. Berg	Physical Examination		Scheduled
Nov 8, 2011, 0700 hrs	Visit	Dr. Berg	Initial Visit	Yes	Complete
Nov 1, 2011, 0700 hrs	Teleconference	Dr. Hammond	Chronic Back Pain		Complete

Event Details

Dr. Gregory Berg, Team 1

From Nov 8, 2011, 0700 hrs
To Nov 8, 2011, 0800 hrs

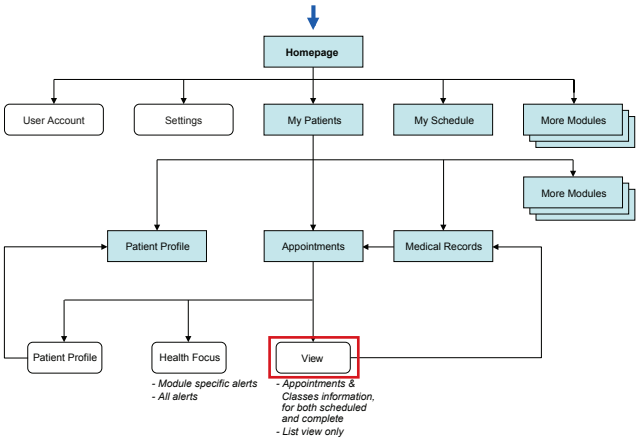
Type Routine
Classification Outpatient
RFV Initial Visit

Phone (999) 999-9999
Address The New York Clinic
99 Main St.
New York, NY 11111

Next Steps
- It's time for your Tetanus Vaccination. Schedule one as soon as possible.
- Think about signing up for the Gentle Chair Yoga class. It's helped my some of my other patients.
- Check out some of the other classes we offer and see if any appeal to you.

View Medical Records

Once selected, the user is brought back to the screen that was displayed before moving to *Medical Records*.



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New York, NY 10011
212 229 6825
piim.newschool.edu

Messages

INTRODUCTION This section of the Detailed GUI Volume documents the design of the Provider Portal's *Messages* function set for the Visual Dashboard for a Patient Centered Medical Home (PCMH). The documentation includes both workflow diagrams and visual models: the workflow diagrams detail the user experience and interactions within this module, and the visual models present graphic assets and elements within this module.

The following are high-level objectives for *Messages*:

- To enable the exchange of secured messages between the provider and patient, as well as between providers.
- To facilitate urgency levels, attachments, carbon copies (cc), and saving/retrieving drafts.

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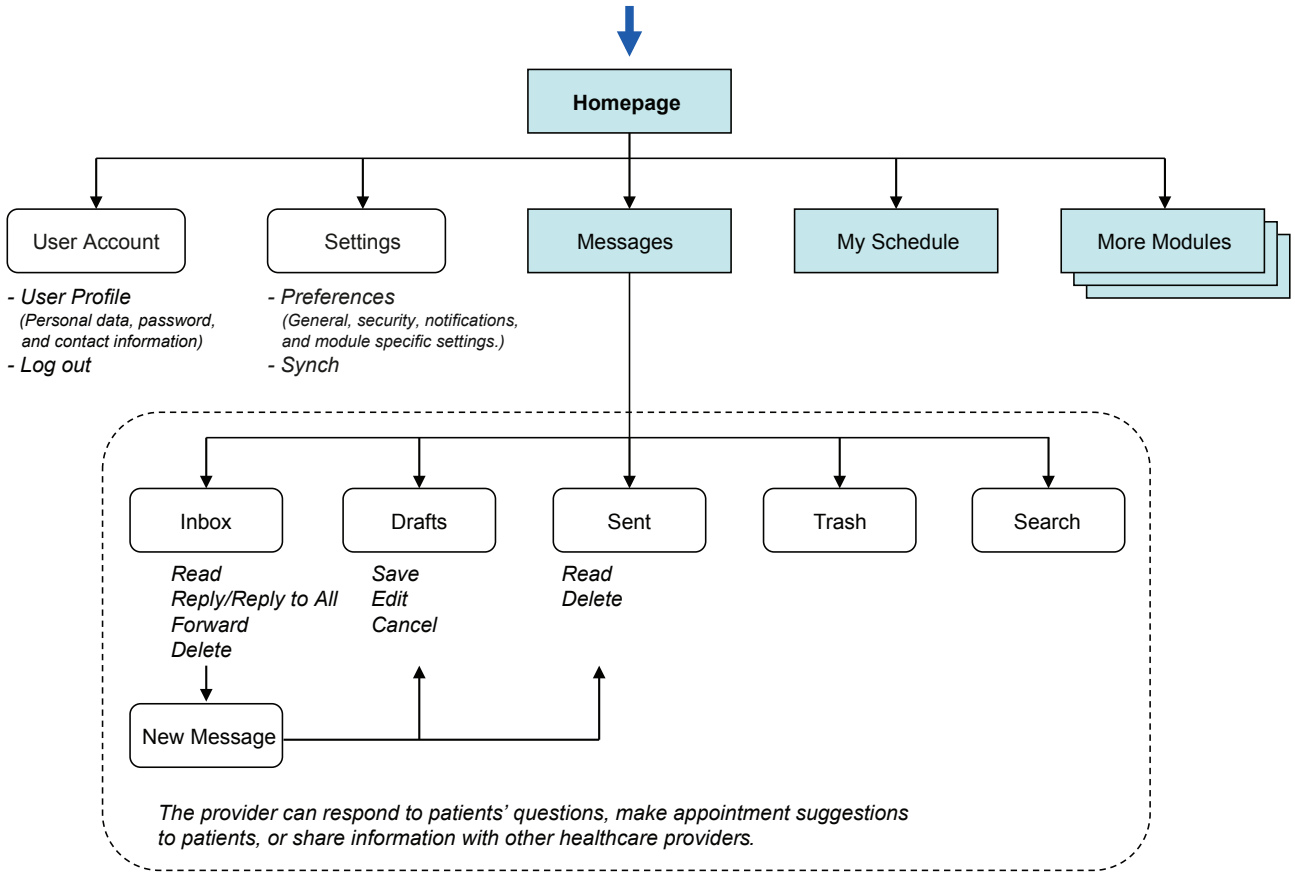
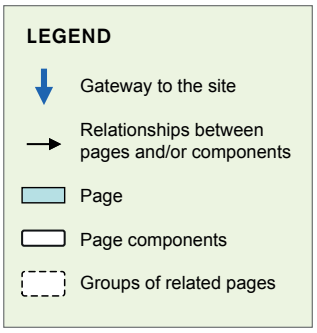
FLOWCHART FOR MESSAGES MODULE





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MESSAGES: LANDING SCREEN

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages (12)

3:45 pm	Isaac Goodman	Chronic pain
2 days ago	Isaac Goodman	Problem sleep...
Apr 21	Front Desk	Persist cough
March 27	Michael Robinson	Del Damar

...plus 8 more messages. View All »

Chat

Patients | Search name

Text | Voice | Video | View History

Team Profile

Team: 1 | Role | Search

1	MD	A	Gregory Berg
1	MD	A	Neil Greenfield
1	MD	A	Michael McKinley
1	RN	U	Angela Tritle
1	RN	A	Amanda Renshaw
1	LPN	U	Nina Totenberg
1	LPN	A	Mark Rowell
1	LPN	A	Robert Massie
1	LPN	A	David Memmott
1	Admin	A	Barb Ferguson
1	Admin	A	Steve Speth
1	Admin	A	Grant Bill

My Patients (8)

Patient Search

Search | Show all patients | Only show patients with notifications

Advanced Search »

dd / mm / year — Date of Birth | All — Sex | e.g., Hypertension, laryngitis — Special Health conditions

There are 8 patients who need your attention. | Only show patients I'm seeing today

Urgency	Last Name	First Name	Sex	DOB	Status
	Goodman	Isaac	Male	01/01/1965	4 immunizations overdue – MMR, Po ...
	Robinson	Michael	Male	04/23/1972	Have kidney disease; check potassium
	Alexander	Edward	Male	10/12/1969	Abnormal weight gain – gained 10 ...
	Lee	Berg	Male	02/24/1958	Need medication renewal for Warfarin
	Chang	Anna W	Female	11/07/1978	Need follow-up for gestational diabetes
	Cloud	John S	Male	05/22/1983	Lab result ready
	Robinson	Lance	Male	07/14/1975	1 immunization due soon – Yellow Fev...
	Wunderlich	Michael	Male	10/17/1987	Need physical exam

Appointments (4) Wed, Oct 12

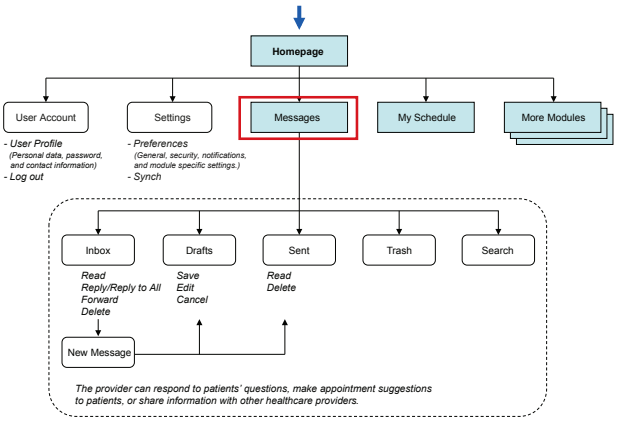
10/12/12 appointment at 1300 with Walter Glover
Physical Examination in Room 304 – Regular check-up
Prerequisite: Diagnostic Studies

0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 »

Gregory Berg, MD
Neil Greenfield, MD
Michael McKinley, MD

Visits | Web Conferences | Telephone Conferences | Others | Pending

The user can view and access the *Messages* module through the landing screen.



PIIM
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MESSAGES: SELECT MESSAGES

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages (12)

3:45 pm	Isaac Goodman	Chronic pain
2 days ago	Isaac Goodman	Problem sleep...
Apr 21	Front Desk	Persist cough
March 27	Michael Robinson	Del Damar

...plus 8 more messages. View All »

Chat

Patients | Search name

Text | Voice | Video | View History

Team Profile

Team: 1 | Role | Search

1	MD	A	Gregory Berg
1	MD	A	Neil Greenfield
1	MD	A	Michael McKinley
1	RN	U	Angela Tritle
1	RN	A	Amanda Renshaw
1	LPN	U	Nina Totenberg
1	LPN	A	Mark Rowell
1	LPN	A	Robert Massie
1	LPN	A	David Memmott
1	Admin	A	Barb Ferguson
1	Admin	A	Steve Speth
1	Admin	A	Grant Bill

My Patients (8)

Patient Search

Search | Show all patients | Only show patients with notifications

Advanced Search »

dd / mm / year (Date of Birth) | All (Sex) | e.g., Hypertension, laryngitis (Special Health conditions)

There are 8 patients who need your attention. | Only show patients I'm seeing today

Urgency	Last Name	First Name	Sex	DOB	Status
	Goodman	Isaac	Male	01/01/1965	4 immunizations overdue – MMR, Po ...
	Robinson	Michael	Male	04/23/1972	Have kidney disease; check potassium
	Alexander	Edward	Male	10/12/1969	Abnormal weight gain – gained 10 ...
	Lee	Berg	Male	02/24/1958	Need medication renewal for Warfarin
	Chang	Anna W	Female	11/07/1978	Need follow-up for gestational diabetes
	Cloud	John S	Male	05/22/1983	Lab result ready
	Robinson	Lance	Male	07/14/1975	1 immunization due soon – Yellow Fev...
	Wunderlich	Michael	Male	10/17/1987	Need physical exam

Appointments (4) Wed, Oct 12

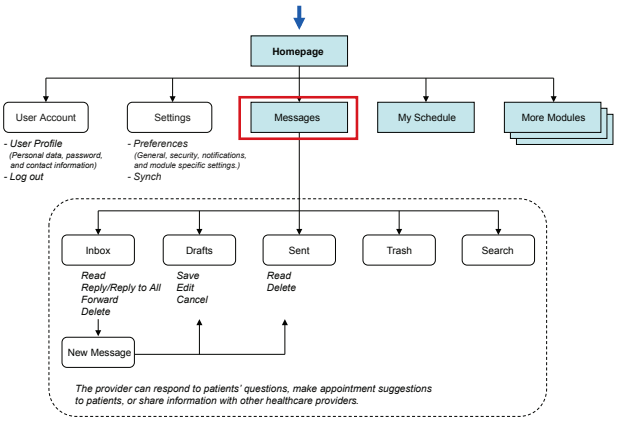
10/12/12 appointment at 1300 with Walter Glover
Physical Examination in Room 304 – Regular check-up
Prerequisite: Diagnostic Studies

0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 »

Gregory Berg, MD
Neil Greenfield, MD
Michael McKinley, MD

Visits | Web Conferences | Telephone Conferences | Others | Pending

The user selects the *Messages* box, highlighted in orange.



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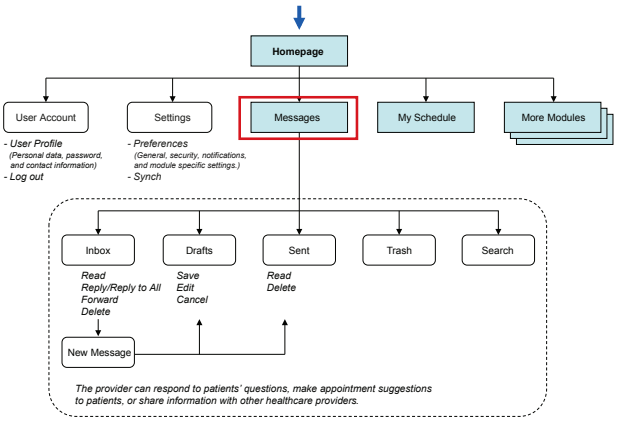
MESSAGES: SELECT MESSAGES

The user has to confirm his or her login in order to access the *Messages* module.



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FOR INFORMATION MAPPING

MESSAGES: INBOX

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages ▾ You have 5 new messages. Search Messages

MAILBOXES
- Inbox (5)
- Drafts
- Sent
- Trash

Inbox | +✉

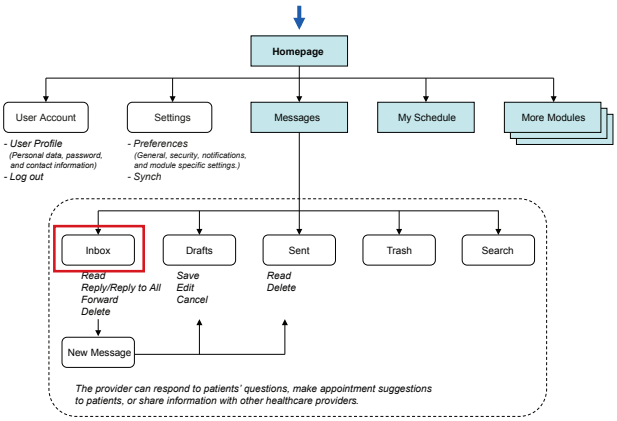
Delete | Mark Unread

Select: All, Read, None | Show: All, Unread | Sort by: Date Received ▾

Isaac Goodman 3:45 pm	Chronic pain	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Isaac Goodman Yesterday	Problem sleeping more than a few hours	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Front Desk April 21, 2011	Persistent cough	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Michael Robinson March 27, 2011	Physical Exam	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Dr. James Schwartz March 18, 2011	Lorem ipsum	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Administration February 2, 2011	Lorem ipsum	Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat...
Front Desk February 2, 2011	Lorem ipsum	Quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat...

The default view in *Messages* is "Inbox." The left hand navigation changes the main tab (shown as Inbox) to whatever is selected: "Drafts," "Sent," or "Trash."

In the main content area, messages queue descending chronological, and are accompanied by two icons. The leftmost set of icons indicates the user interaction status of the message: an unopened letter indicates the message is unread; a small dot indicates the letter has been read; an arrow icon indicates that the user has replied to the message. The second icon set, the color-coded dots, indicate urgency: red dots indicate the message is "Very Urgent" and yellow dots indicate the message is "Urgent." If the message does not have a dot, it is "Not Urgent." Actions that can be performed on the content are displayed above in the tab's toolbar. The right of this toolbar contains pagination information and arrows for navigating these pages.



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MESSAGES: VIEW MESSAGE

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages ▾ You have 5 new messages. Search Messages

MAILBOXES
- Inbox (5)
- Drafts
- Sent
- Trash

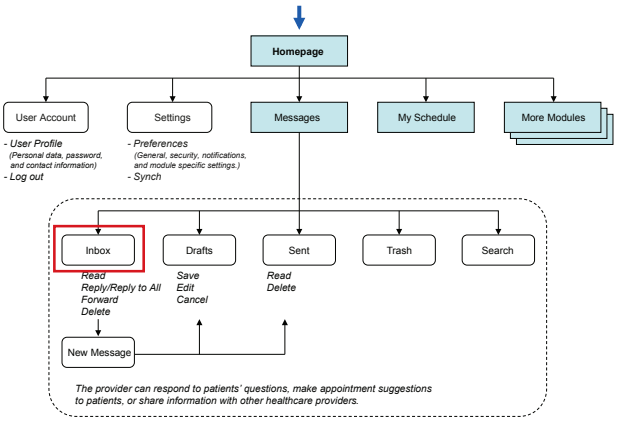
Inbox | +

Delete | Mark Unread

Select: All, Read, None | Show: All, Unread | Sort by: Date Received ▾

Isaac Goodman 3:45 pm	Chronic pain	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Isaac Goodman Yesterday	Problem sleeping more than a few hours	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Front Desk April 21, 2011	Persistent cough	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Michael Robinson March 27, 2011	Physical Exam	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Dr. James Schwartz March 18, 2011	Lorem ipsum	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Administration February 2, 2011	Lorem ipsum	Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat...
Front Desk February 2, 2011	Lorem ipsum	Quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat...

If a patient clicks on a particular message, that message opens up in a new tab.



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MESSAGES: VIEW MESSAGE

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages ▾ You have 4 new messages. Search Messages

MAILBOXES
- Inbox (4)
- Drafts
- Sent
- Trash

Inbox | Chronic pain | +

Delete

Chronic pain

Isaac Goodman to You — Today at 3:45 PM

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

2 attachments — View All Download All

imagefile.jpg (2MB) View Download

nonimagefile.doc (138KB) View Download

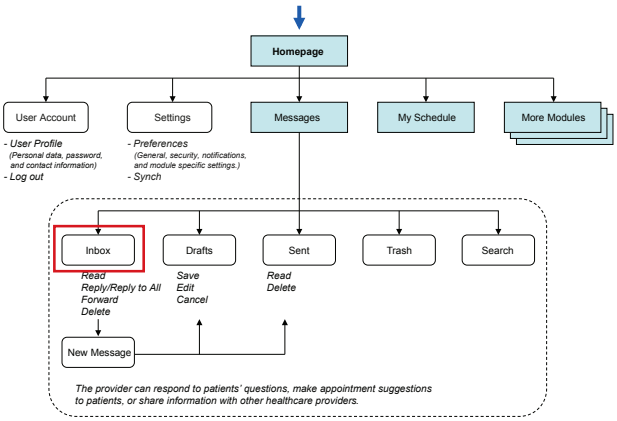
Click here to Reply, Replay to all, or Forward

Add attachment | Very Urgent ▾ | Send | Save | Cancel

After the provider selects a message, that message opens up in a new tab titled after the message. The message subject is displayed, followed by a list of the participants in the conversation. Clicking the "x" to the right side of the "Chronic pain" tab closes the message.

Each message in the conversation follows. Each message is composed of the following elements: urgency, sender name, time of message, and a message body. Attachments are optional.

From here, the provider is able to quickly take action by selecting either Reply, Reply to All, or Forward. The provider may also view any attachments sent by the patient. The default urgency for a response should match the urgency level of the message preceding it.



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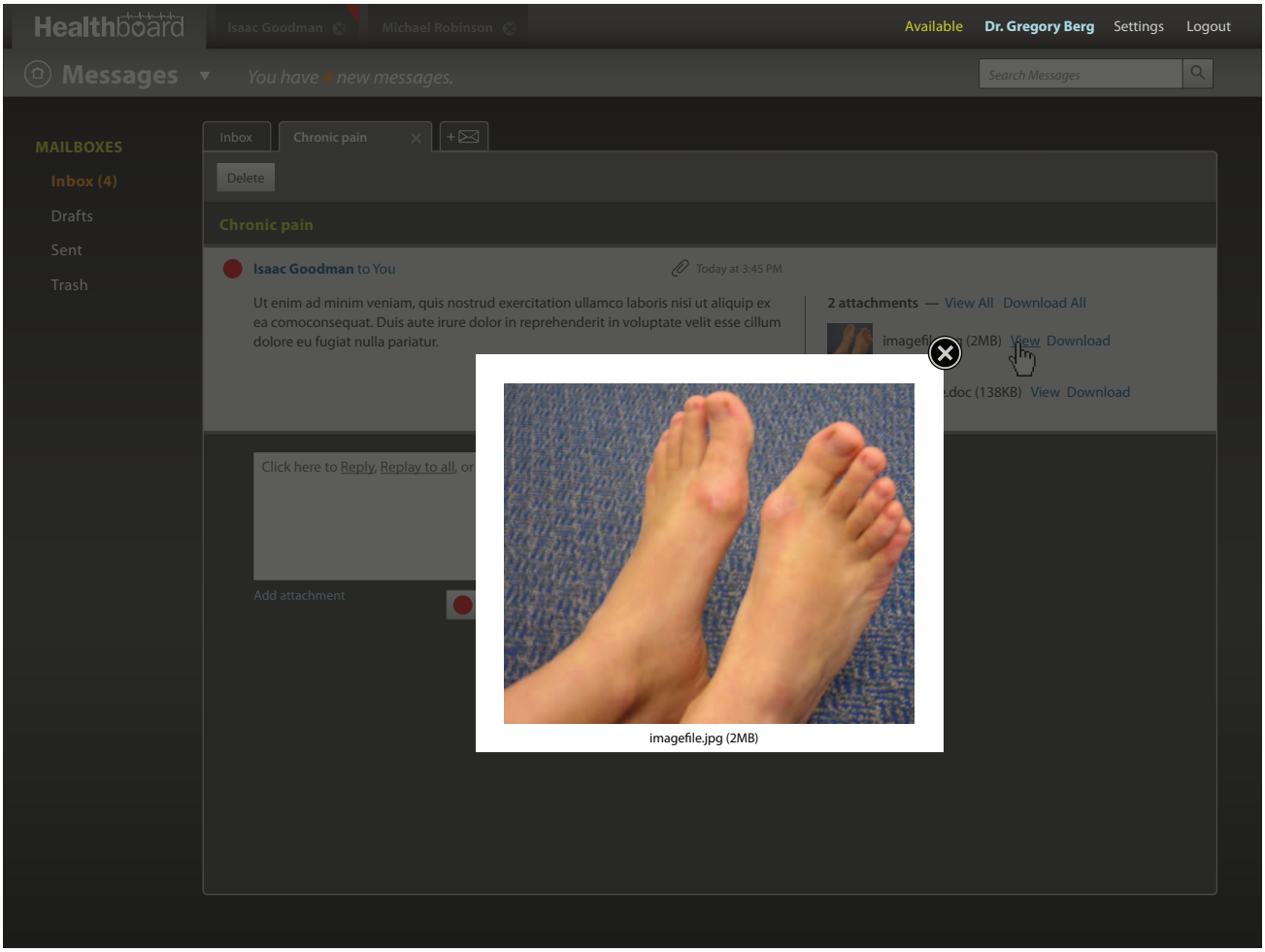
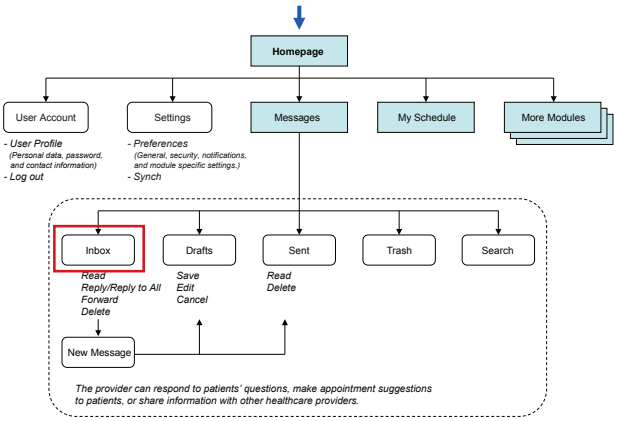
MESSAGES: VIEW IMAGE



The provider can select "View" to look at the patient's attachment; in this case, it is an image.



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MESSAGES: DRAFT

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages ▼ You have 4 new messages. Search Messages

MAILBOXES
- Inbox (4)
- Drafts
- Sent
- Trash

Inbox | Chronic pain | +

Delete

Chronic pain

Isaac Goodman to You — Today at 3:45 PM

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

2 attachments — View All Download All

imagefile.jpg (2MB) View Download

nonimagefile.doc (138KB) View Download

Reply | Reply to all | Forward

To:

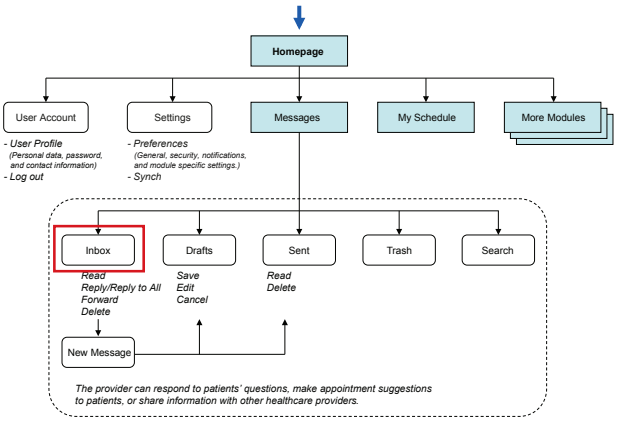
Isaac Goodman

Add Cc Add Bcc Edit Subject

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

Add attachment | Very Urgent ▼ | Send | Save | Cancel

The provider has chosen to reply to the patient and has entered a response.



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MESSAGES: ADDING AN ATTACHMENT

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages ▾ You have 4 new messages. Search Messages

MAILBOXES
- Inbox (4)
- Drafts
- Sent
- Trash

Inbox | Chronic pain | +

Delete

Chronic pain

Isaac Goodman to You — Today at 3:45 PM

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

2 attachments — View All Download All

imagefile.jpg (2MB) View Download

nonimagefile.doc (138KB) View Download

Reply | Reply to all | Forward

To:

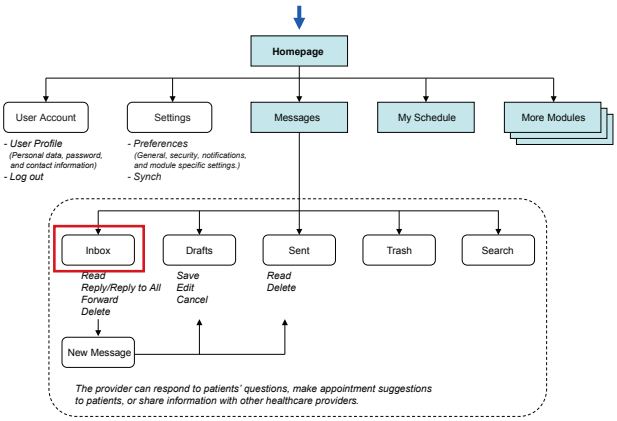
Isaac Goodman

Add Cc Add Bcc Edit Subject

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

Add attachment | Very Urgent | Send | Save | Cancel

The provider selects "Add attachment" link.



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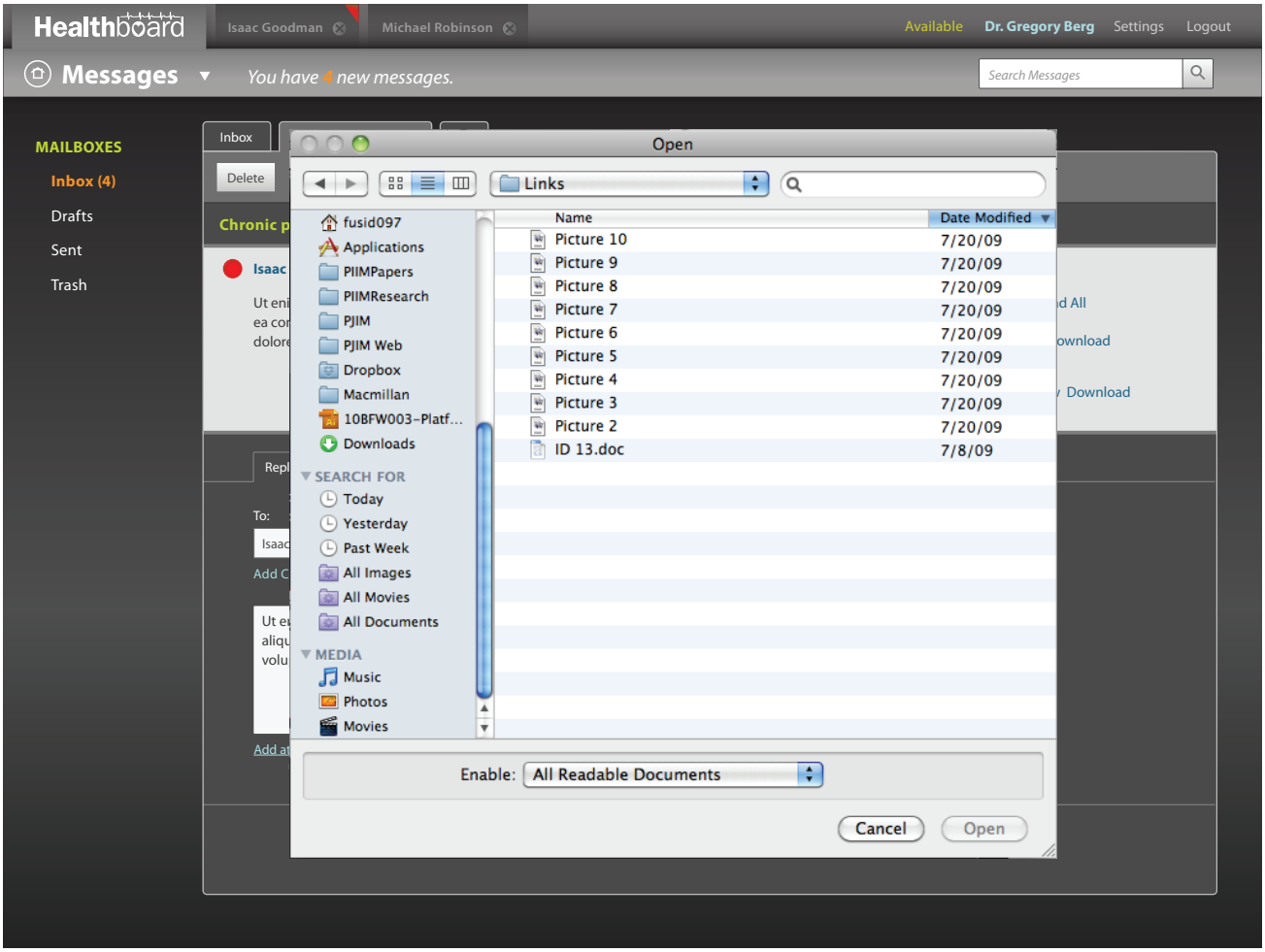
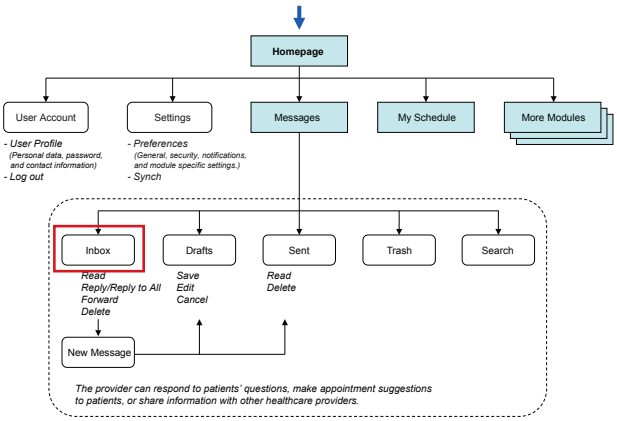
MESSAGES: DRAFT



The provider selects an attachment using his/her OS's Open dialog box.



PIIM
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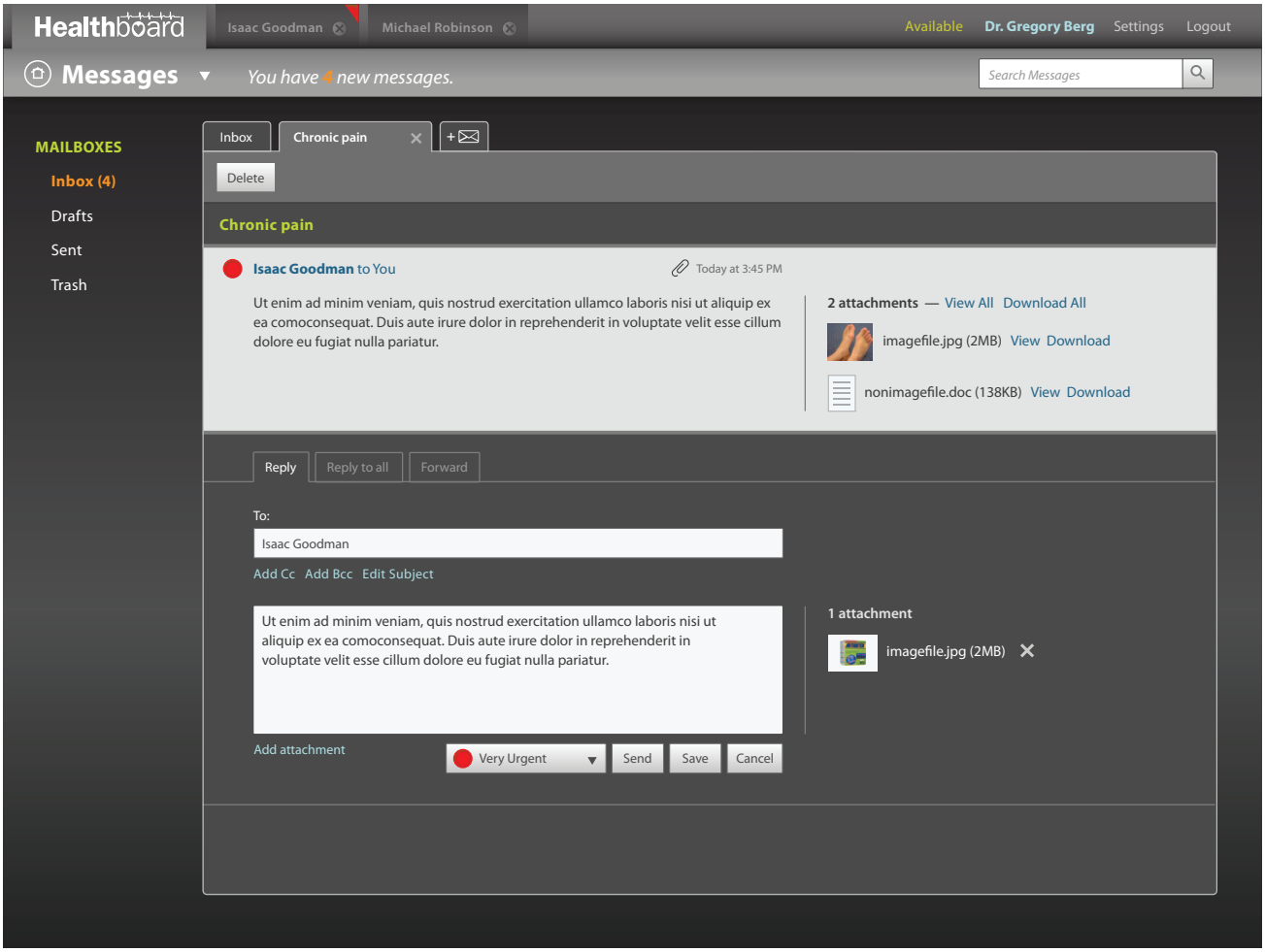
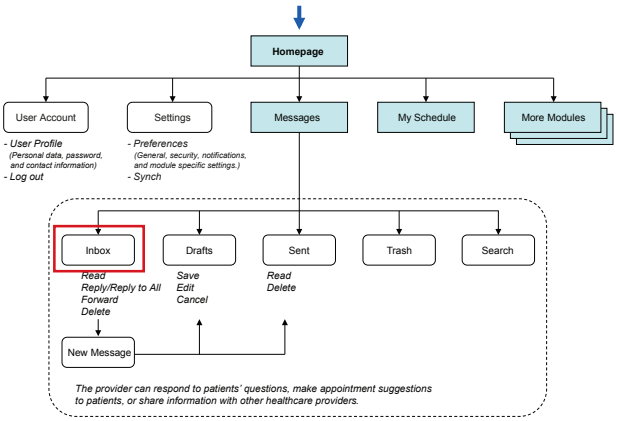
MESSAGES: DRAFT



After the user adds an attachment to the message, it displays one of two ways:

- If the file is an image (shown above), it should be displayed on the right side of the message. The user can remove the attached image by clicking on the "x."
- If the file is not an image file, it is attached at the bottom of the message field. Clicking the "x" next to these files should remove the attachment.



PIIM
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MESSAGES: DRAFT

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages ▾ You have 4 new messages. Search Messages

MAILBOXES
- Inbox (4)
- Drafts
- Sent
- Trash

Inbox | Chronic pain | +

Delete

Chronic pain

Isaac Goodman to You — Today at 3:45 PM

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

2 attachments — View All Download All

imagefile.jpg (2MB) View Download

nonimagefile.doc (138KB) View Download

Reply | Reply to all | Forward

Subject

Fwd: Chronic pain

To:

Add Cc Add Bcc Edit Subject

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

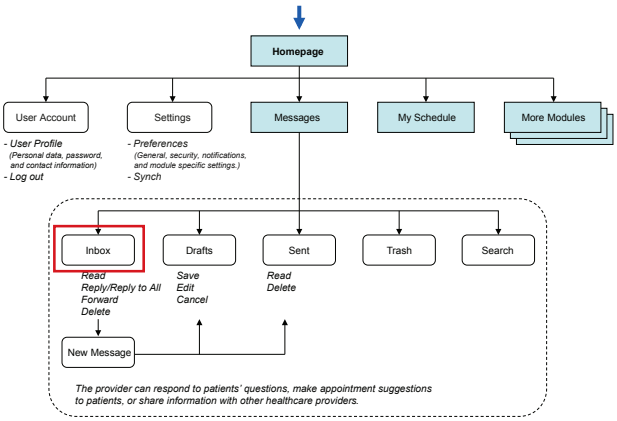
1 attachment

imagefile.jpg (2MB) ✕

Add attachment

Very Urgent ▾ | Send | Save | Cancel

The provider can also select the "Forward" tab and send his/her response to other providers by typing their name in the box located below "Subject" labeled "To."



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MESSAGES: DRAFT

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages ▼ You have 4 new messages. Search Messages

MAILBOXES
- Inbox (4)
- Drafts
- Sent
- Trash

Inbox | Chronic pain | +

Delete

Chronic pain

Isaac Goodman to You — Today at 3:45 PM

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

2 attachments — View All Download All
- imagefile.jpg (2MB) View Download
- nonimagefile.doc (138KB) View Download

Reply | Reply to all | Forward

To: Isaac Goodman

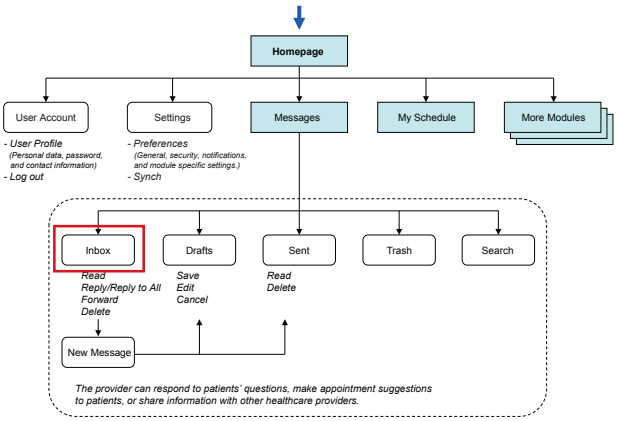
Add Cc Add Bcc Edit Subject

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

1 attachment
- imagefile.jpg (2MB) ✕

Add attachment | Very Urgent | Send | Save | Cancel

The user returns to the "Reply" tab by selecting it.



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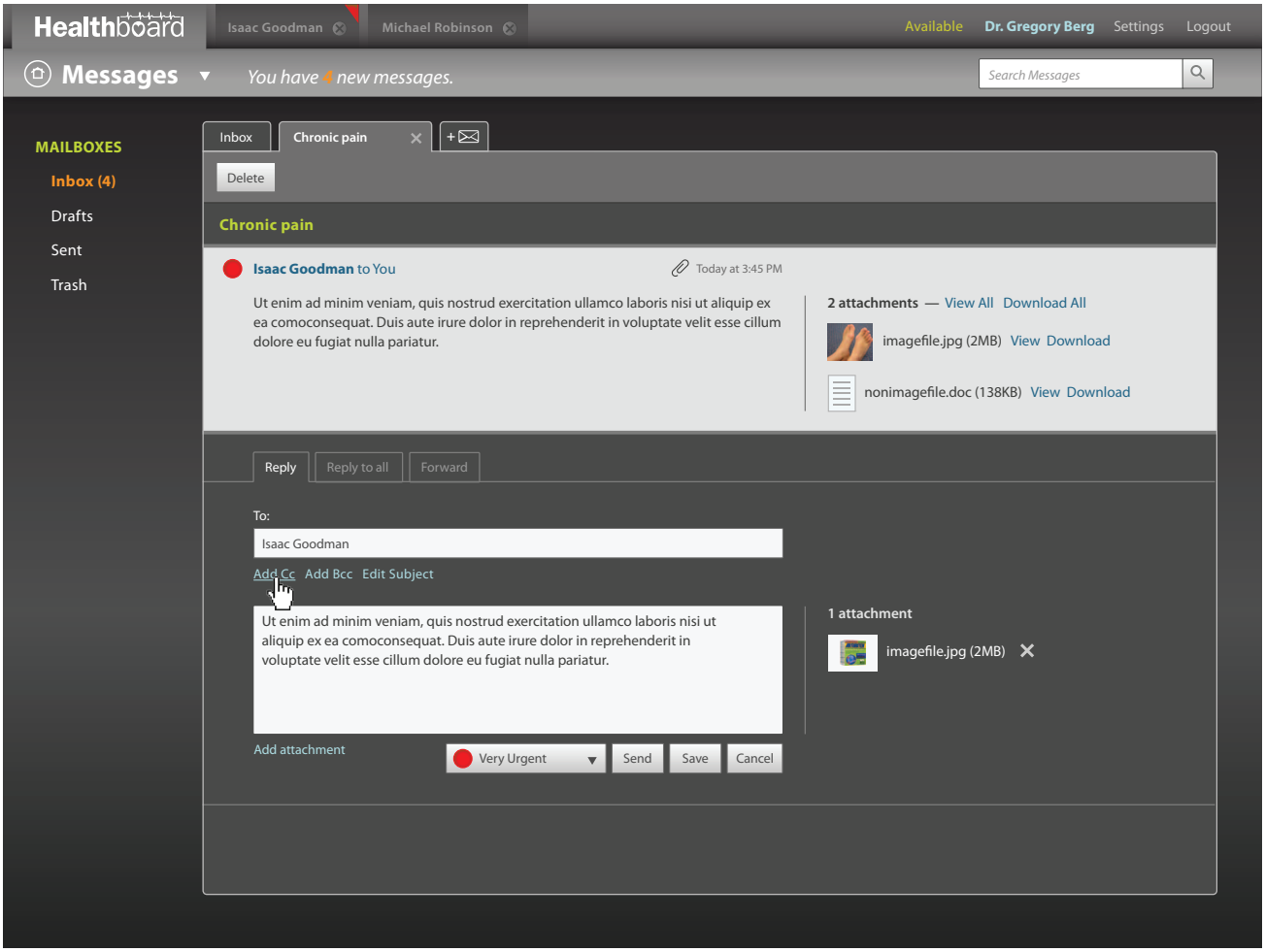
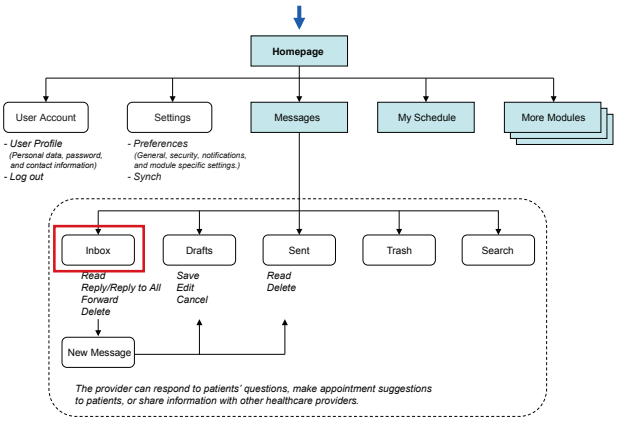
MESSAGES: DRAFT



The user is also able to "Add Cc" to send the response to another contact.



PIIM
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MESSAGES: DRAFT

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages ▾ You have 4 new messages. Search Messages

MAILBOXES
- Inbox (4)
- Drafts
- Sent
- Trash

Inbox | Chronic pain | +

Delete

Chronic pain

Isaac Goodman to You — Today at 3:45 PM

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

2 attachments — View All Download All

imagefile.jpg (2MB) View Download

nonimagefile.doc (138KB) View Download

Reply | Reply to all | Forward

To: Isaac Goodman

Cc:

Add Bcc Edit Subject

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

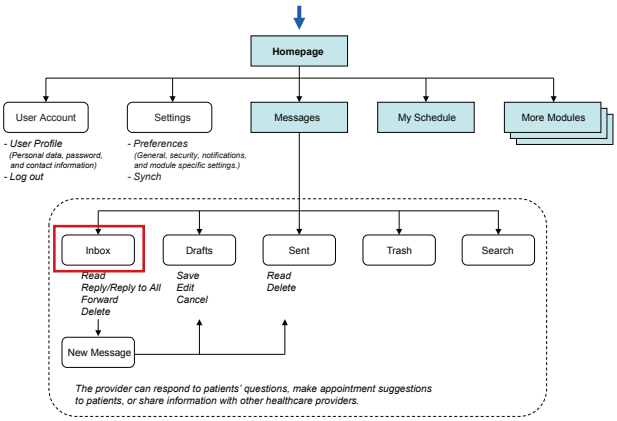
1 attachment

imagefile.jpg (2MB) ✕

Add attachment

Very Urgent ▾ | Send | Save | Cancel

Selecting "Add Cc" opens another textbox for the contact information to be entered.



PIIM

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MESSAGES: DRAFT

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages ▾ You have 4 new messages. Search Messages

MAILBOXES
- Inbox (4)
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- Sent
- Trash

Inbox | Chronic pain | +

Delete

Chronic pain

Isaac Goodman to You — Today at 3:45 PM

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

2 attachments — View All Download All

imagefile.jpg (2MB) View Download

nonimagefile.doc (138KB) View Download

Reply | Reply to all | Forward

To: Isaac Goodman

Cc: Dr. Dennis Hammond

Add Bcc Edit Subject

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

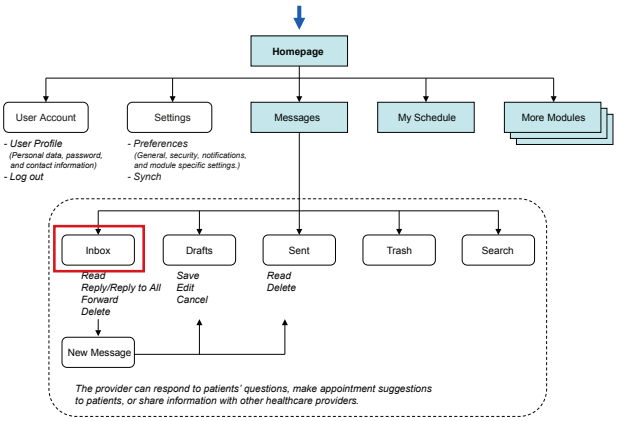
1 attachment

imagefile.jpg (2MB) ✕

Add attachment

Very Urgent ▾ | Send | Save | Cancel

Once finished composing a response, the patient clicks "Send."



PIIM

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MESSAGES: DRAFT

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages ▾ You have 4 new messages. Search Messages

MAILBOXES
- Inbox (4)
- Drafts
- Sent
- Trash

Inbox | Chronic pain | +

Delete

Chronic pain

Isaac Goodman to You — Today at 3:45 PM

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

2 attachments — View All Download All
imagefile.jpg (2MB) View Download
nonimagefile.doc (138KB) View Download

You to Isaac Goodman and Dr. Dennis Hammond — Today at 3:55 PM

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

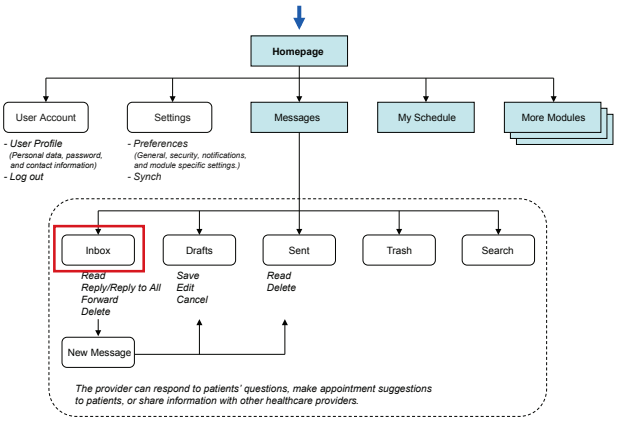
1 attachment
imagefile.jpg (2MB) View Download

Click here to Reply, Replay to all, or Forward

Add attachment | Very Urgent | Send | Save | Cancel

Once the provider clicks "Send," he/she can see the posted version of their message in the conversation. This acts as confirmation that the message has been sent.

The user may click the "x" on the messages tab or select the inbox tab to return to the message inbox.



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MESSAGES: REPLY

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages ▾ You have 4 new messages. Search Messages

MAILBOXES
- Inbox (4)
- Drafts
- Sent
- Trash

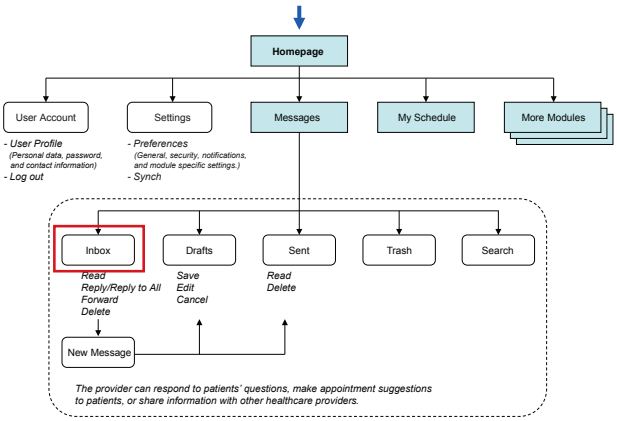
Inbox | +

Delete | Mark Unread | 1–3 of 3

Select: All, Read, None | Show: All, Unread | Sort by: Date Received ▾

Isaac Goodman 3:45 pm	(2) Chronic pain	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Isaac Goodman Yesterday	**Problem sleeping more than a few hours**	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Front Desk April 21, 2011	**Persistent cough**	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Michael Robinson March 27, 2011	**Physical Exam**	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Dr. James Schwartz March 18, 2011	**Lorem ipsum**	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Administration February 2, 2011	Lorem ipsum	Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat...
Front Desk February 2, 2011	Lorem ipsum	Quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat...

The provider is returned to the inbox once the message tab has been closed. A "(2)" is now present in front of the first conversation in the inbox because it is now composed of two messages: the original and the provider's recent response. Additionally, the "Read" icon is replaced with a backwards pointing arrow indicating that the user has replied to the message. The recently opened message has also lost its dark background and its bolded sender and subject (these also indicated "Unread" status).



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MESSAGES: INBOX

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages ▾ *You have no new messages.* Search Messages

MAILBOXES
- Inbox
- Drafts
- Sent
- Trash

Inbox | +

Delete | Mark Unread | 1–3 of 3

Select: All, Read, None | Show: All, Unread | Sort by: Date Received ▾

Isaac Goodman 3:45 pm	(2) Chronic pain	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Isaac Goodman Yesterday	Problem sleeping more than a few hours	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Front Desk April 21, 2011	Persistent cough	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
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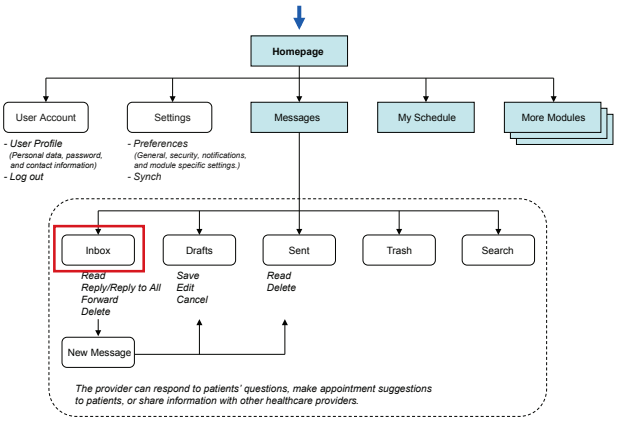
Administration February 2, 2011	Lorem ipsum	Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat...
Front Desk February 2, 2011	Lorem ipsum	Quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat...

The provider can see that all messages have been checked; there are no new messages.



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MESSAGES: COMPOSE NEW MESSAGE

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages ▾ You have no new messages. Search Messages

MAILBOXES
- Inbox
- Drafts
- Sent
- Trash

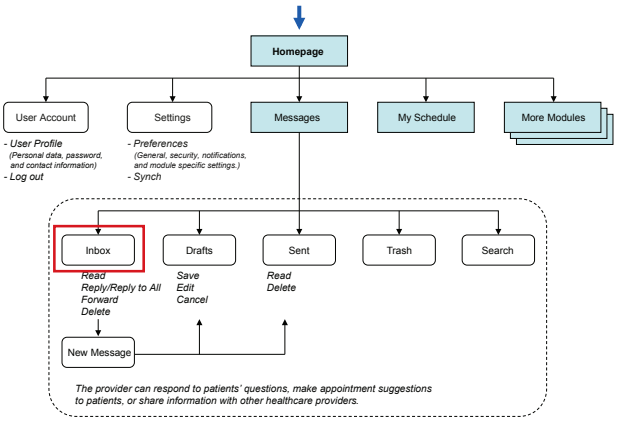
Inbox | +

Delete | Mark Unread | 1–3 of 3

Select: All, Read, None | Show: All, Unread | Sort by: Date Received ▾

Isaac Goodman 3:45 pm	(2) Chronic pain	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Isaac Goodman Yesterday	Problem sleeping more than a few hours	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Front Desk April 21, 2011	Persistent cough	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Michael Robinson March 27, 2011	Physical Exam	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Dr. James Schwartz March 18, 2011	Lorem ipsum	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Administration February 2, 2011	Lorem ipsum	Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat...
Front Desk February 2, 2011	Lorem ipsum	Quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat...

The user selects the new message tab in order to create a new message.



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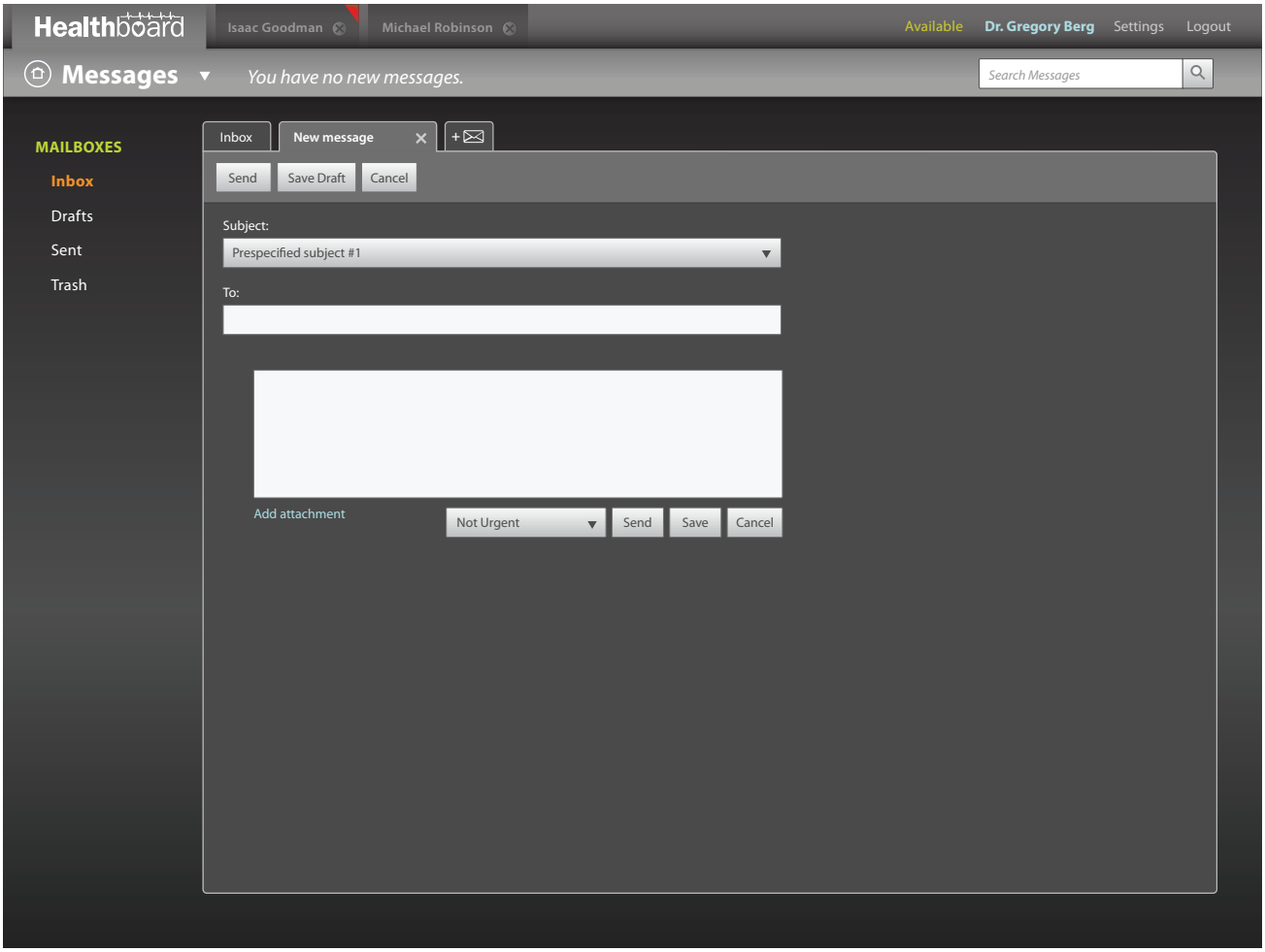
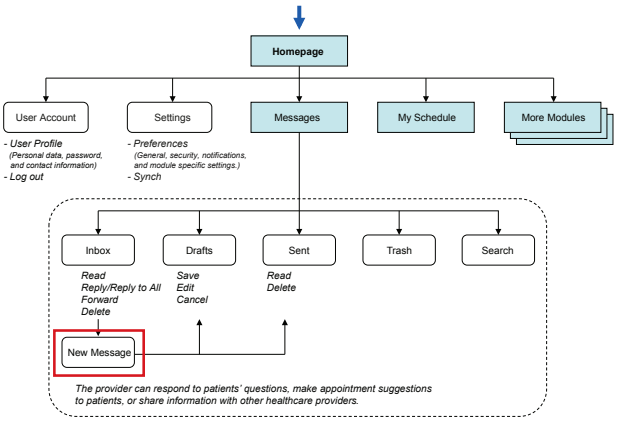
MESSAGES: COMPOSE NEW MESSAGE



A new message tab opens. This tabbing system solves a common problem in web-based email systems; usually if a user needs to reference an existing message while composing a new one, the user must first save the message-in-progress as a draft or risk losing his/her work. With a tabbed web-based email interface, the user is able to switch between multiple tabs without saving or losing compositions-in-progress.

The provider first selects a subject for the message from a predefined dropdown list. This action autoselects the recipient of the message. In order to accommodate the provider's team workflow, only a few options are available for recipient: "Physician," "Nurse," "Administrator," or "Front Desk."

Additionally, the default urgency of a new message is "Not Urgent."



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MESSAGES: COMPOSE NEW MESSAGE

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages ▾ *You have no new messages.* Search Messages

MAILBOXES
- Inbox
- Drafts
- Sent
- Trash

Inbox | New message | +

Send | Save Draft | Cancel

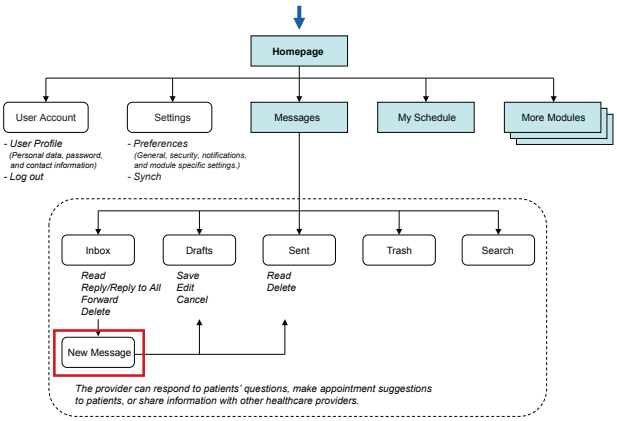
Subject: Scheduling an Appointment

To: Michael Robinson

Your Tetanus immunization is due soon. Please make and appointment. Lorem ipsum dolor sit amet, consec sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

Add attachment | Urgent | Send | Save | Cancel

The provider composes the message and clicks "Send."



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MESSAGES: NEW MESSAGE SENT

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages | *Your message has been sent.* | Search Messages

MAILBOXES
- Inbox
- Drafts
- Sent
- Trash

Inbox | Scheduling an appoint... | +

Delete

Scheduling an appointment

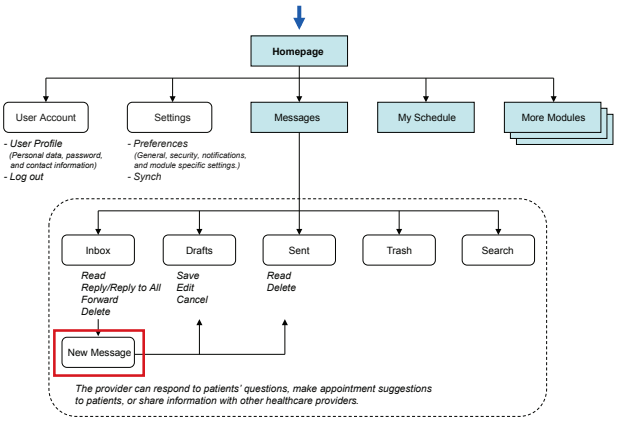
You to Michael Robinson — Today at 5:05 PM

Your Tetanus immunization is due soon. Please make and appointment. Lorem ipsum dolor sit amet, consec sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

Click here to Reply or Forward

Add attachment | Urgent | Send | Save | Cancel

The message is sent. The new display provides confirmation. The user closes the conversation tab.



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MESSAGES: REPLY

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages ▾ You have 2 new messages. Search Messages

MAILBOXES
- Inbox
- Drafts
- Sent
- Trash

Inbox | + ✉

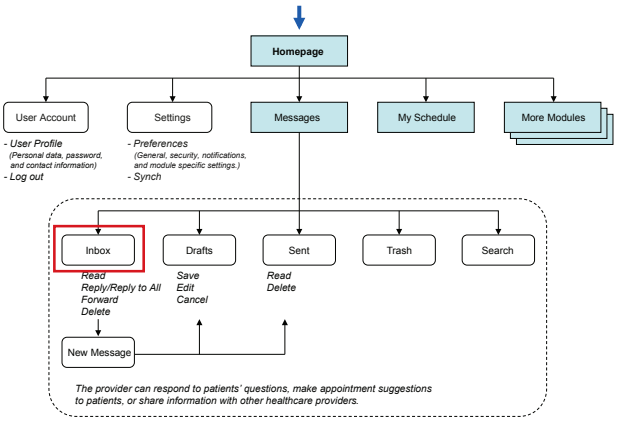
Delete | Mark Unread | 1–3 of 3

Select: All, Read, None | Show: All, Unread | Sort by: Date Received ▾

Michael Robinson 5:40 pm	(3) Scheduling an appointment this week	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Isaac Goodman 3:45 pm	(2) Chronic pain	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Isaac Goodman Yesterday	Problem sleeping more than a few hours	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Front Desk April 21, 2011	Persistent cough	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Michael Robinson March 27, 2011	Physical Exam	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Dr. James Schwartz March 18, 2011	Lorem ipsum	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Administration February 2, 2011	Lorem ipsum	Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat...
Front Desk February 2, 2011	Lorem ipsum	Quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat...

The provider is returned to the inbox. Two responses appear in the provider's inbox. Messages that are part of the same thread are collapsed into a single conversation. A "(3)" is listed before this conversation in order to indicate that two responses have been given to the provider's original message.

The user clicks on the conversation.



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MESSAGES: REPLY

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages ▾ *You have no new messages.* Search Messages

MAILBOXES
- Inbox
- Drafts
- Sent
- Trash

Inbox | Scheduling an appoint... | +

Delete

Scheduling an appointment this week

You to Michael Robinson — Today at 8:45 AM

Your Tetanus immunization is due soon. Please make and appointment. Lorem ipsum dolor sit amet, consec sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

Michael Robinson to You — Today at 9:15 AM

Thank you for your message. I'll contact the front desk to make an appointment.

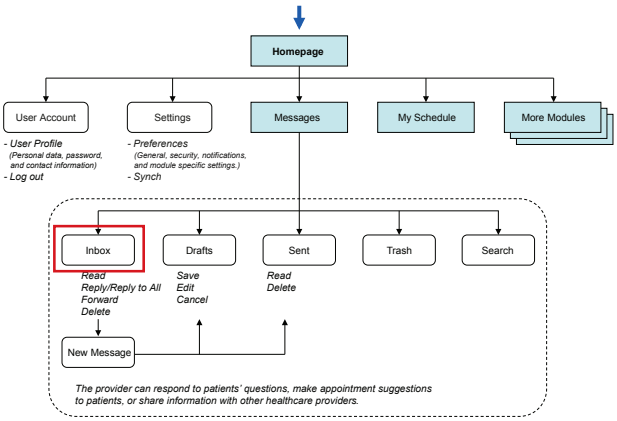
Michael Robinson to You — Today at 9:30 AM

I was able to make an appointment on Thursday at 3PM. Lorem ipsum dolor sit amet, consectetur elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea como consequat.

Click here to Reply or Forward

Add attachment | Urgent | Send | Save | Cancel

After clicking, the conversation opens in a new tab. The patient's two responses to the original message follow the original message. The browser window should auto-scroll to the first unread message in the conversation (this is important for long conversations—it saves the user the trouble of scrolling to the bottom of the conversation to see the latest responses).



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MESSAGES: REPLY

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages ▾ You have no new messages. Search Messages

MAILBOXES
- Inbox
- Drafts
- Sent
- Trash

Inbox | Scheduling an appoint... | +

Delete

Scheduling an appointment this week

You to Michael Robinson — Today at 8:45 AM

Your Tetanus immunization is due soon. Please make and appointment. Lorem ipsum dolor sit amet, consec sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

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Reply | Forward

To:
Michael Robinson

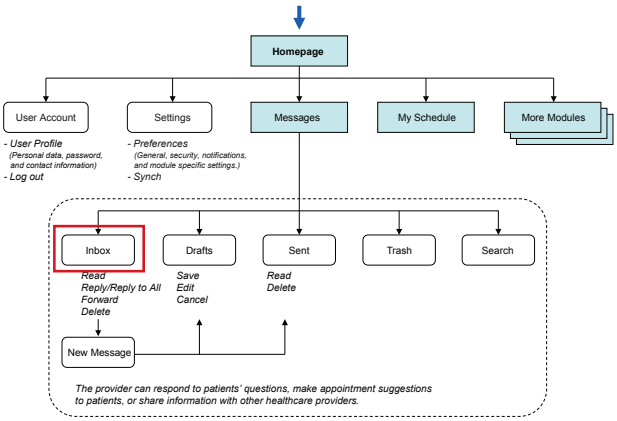
Add Cc Add Bcc Edit Subject

Great. See you on Thursday.

Add attachment — Urgent ▾ — Send — Save — Cancel

Replies should inherent the urgency level from the last message sent, in this case "Urgent."

The provider enters a response and then clicks "Send."



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MESSAGES: REPLY

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages | *Your message has been sent.* | Search Messages

MAILBOXES
- Inbox
- Drafts
- Sent
- Trash

Inbox | Scheduling an appoint... | +

Delete

Scheduling an appointment this week

dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

Michael Robinson to You — Today at 9:15 AM

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You to Michael Robinson — Today at 9:45 AM

Great. See you on Thursday.

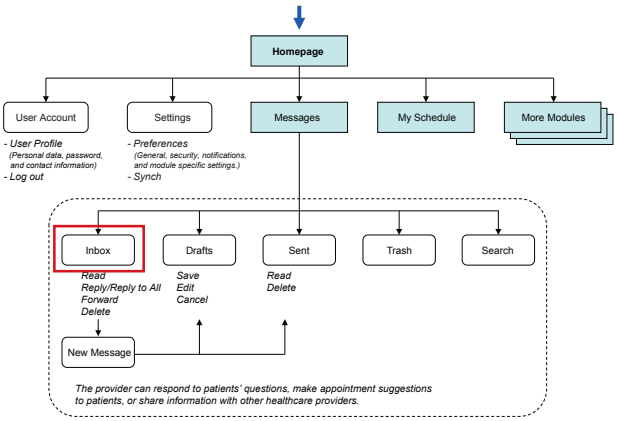
Reply | Forward

To:

Add Cc Add Bcc Edit Subject

Add attachment | Urgent | Send | Save | Cancel

The sent message appears in the thread and a confirmation message shows up to indicate the message has been sent.



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MESSAGES: INBOX

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages ▾ *You have no new messages.* Search Messages

MAILBOXES
- Inbox
- Drafts
- Sent
- Trash

Inbox | +

Delete | Mark Unread

Select: All, Read, None | Show: All, Unread | Sort by: Date Received ▾

Michael Robinson 5:40 pm	(4) Scheduling an appointment this week	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Isaac Goodman 3:45 pm	(2) Chronic pain	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Isaac Goodman Yesterday	Problem sleeping more than a few hours	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Front Desk April 21, 2011	Persistent cough	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
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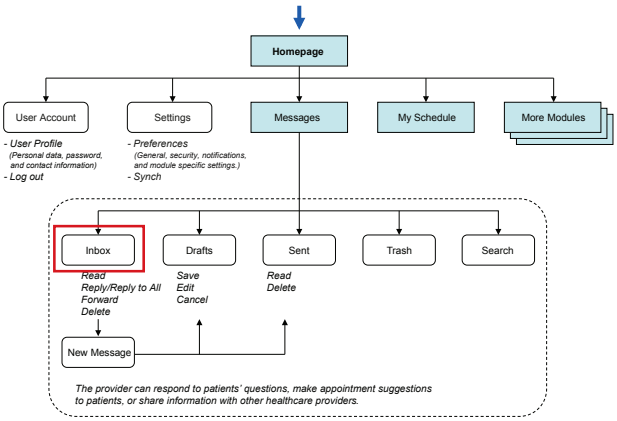
Administration February 2, 2011	Lorem ipsum	Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat...
Front Desk February 2, 2011	Lorem ipsum	Quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat...

The provider returns to the inbox. The provider can delete individual conversations by clicking the "x" to the right of each conversation. This moves the conversation to the trash.

The user can delete multiple items simultaneously by checking multiple messages or clicking "Select: All" or "Select: Read" and clicking the "Delete" in the action bar.



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MESSAGES: INBOX

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages ▾ *You have no new messages.* Search Messages

MAILBOXES
- Inbox
- Drafts
- Sent
- Trash

Inbox | +

Delete | Mark Unread

Select: All, Read, None | Show: All, Unread | Sort by: Date Received ▾

Michael Robinson 5:40 pm	(4) Scheduling an appointment this week	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
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Isaac Goodman Yesterday	Problem sleeping more than a few hours	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Front Desk April 21, 2011	Persistent cough	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
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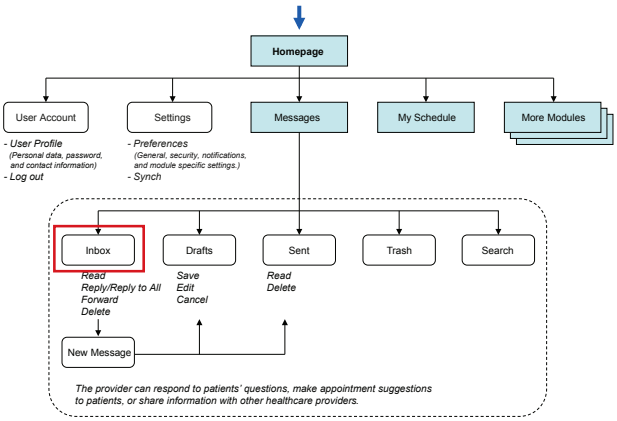
Dr. James Schwartz March 18, 2011	Lorem ipsum	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Administration February 2, 2011	Lorem ipsum	Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat...
Front Desk February 2, 2011	Lorem ipsum	Quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat...

The provider checks a conversation.



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MESSAGES: DELETE

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages ▾ You have no new messages. Search Messages

MAILBOXES
- Inbox
- Drafts
- Sent
- Trash

Inbox | +

Delete | Mark Unread

Select: All, Read, None | Show: All, Unread | Sort by: Date Received ▾

Michael Robinson 5:40 pm	(3) Scheduling an appointment this week	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Isaac Goodman 3:45 pm	(2) Chronic pain	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Isaac Goodman Yesterday	Problem sleeping more than a few hours	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Front Desk April 21, 2011	Persistent cough	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
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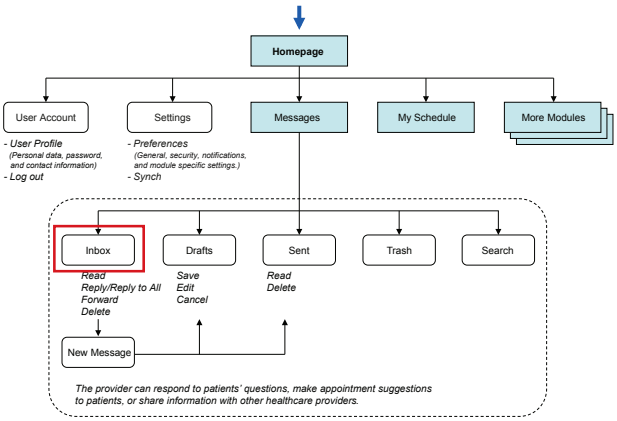
Administration February 2, 2011	Lorem ipsum	Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat...
Front Desk February 2, 2011	Lorem ipsum	Quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat...

The "Delete" action becomes active. Clicking this would move all checked conversations to "Trash."

Messages in the "Trash" tab are automatically deleted after thirty days. Alternatively, the user can delete messages manually in the "Trash" tab to permanently delete them.



PIIM
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MESSAGES: DELETE

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages | *Your message has been deleted.* | Search Messages

MAILBOXES
- Inbox
- Drafts
- Sent
- Trash

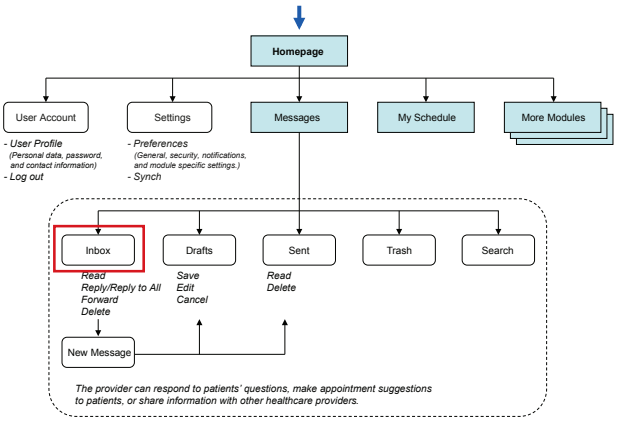
Inbox | +

Delete | Mark Unread

Select: All, Read, None | Show: All, Unread | Sort by: Date Received

Michael Robinson 5:40 pm	(3) Scheduling an appointment this week	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Isaac Goodman 3:45 pm	(2) Chronic pain	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Isaac Goodman Yesterday	Problem sleeping more than a few hours	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Front Desk April 21, 2011	Persistent cough	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Michael Robinson March 27, 2011	Physical Exam	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Dr. James Schwartz March 18, 2011	Lorem ipsum	Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...
Front Desk February 2, 2011	Lorem ipsum	Quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat...

The message is deleted. Confirmation message appears.



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MESSAGES: SEARCH

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages ▾ *You have no new messages.* Charlie

MAILBOXES
- Inbox
- Drafts
- Sent
- Trash

Inbox | +

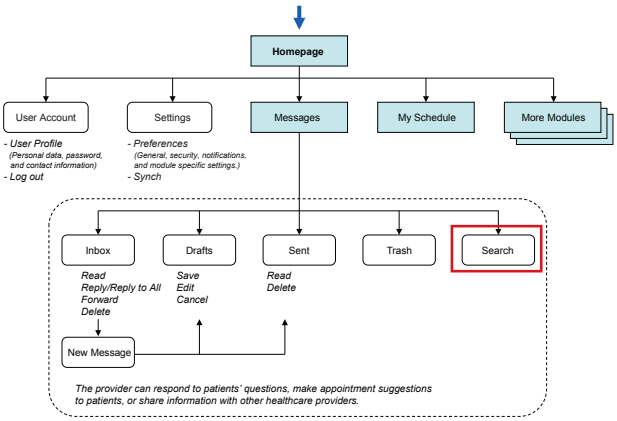
Delete | Mark Unread

Select: All, Read, None | Search Results: "Charlie" (Clear) | Show: All, Unread | Sort by: Date Received ▾

Physician, Yesterday — Stomach flu — ....after that Charlie reprehenderit in voluptate velit esse cillum doloreeu fugiat nulla...

Physician, February 11, 2011 — Scheduling an appointment — ...dolor in reprehenderit in voluptate Charlie velit esse cillum dolore eu nulla par...

Clicking in the search box (top left) will remove the default text, and put focus into the search textbox. Once the provider begins typing, the message "bands" in the mailbox auto-filter for the entered search term: "Charlie." The "Search Results: 'Charlie' (Clear)" text appears atop the mailbox. Clicking "(Clear)" removes the search keyword, and returns the mailbox to normal.



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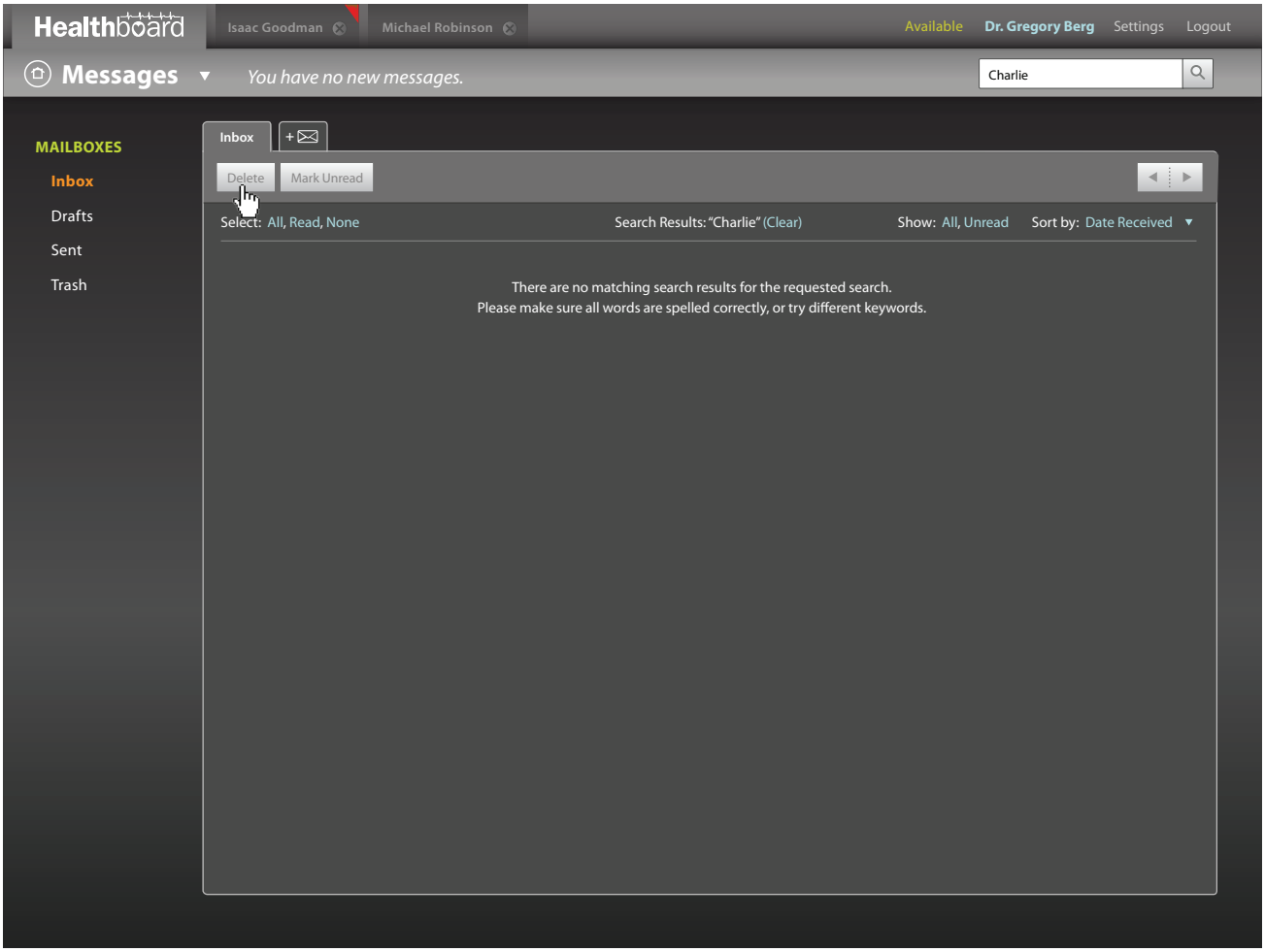
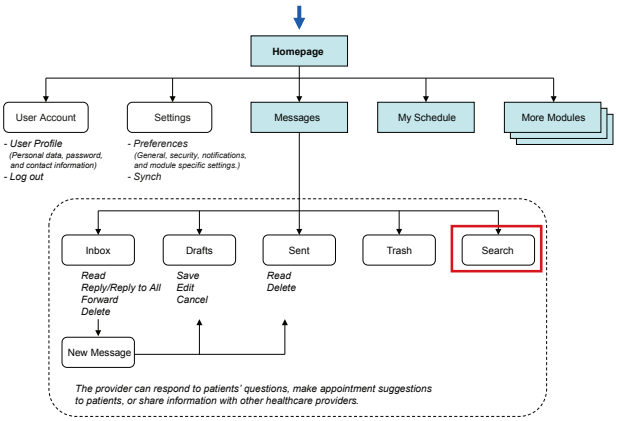
MESSAGES: SEARCH



This page shows the user if no search matches are found.



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Immunizations

INTRODUCTION This section of the Detailed GUI Volume documents the design of the Provider Portal's *Immunizations* function set for the Visual Dashboard for a Patient Centered Medical Home (PCMH). The documentation includes both workflow diagrams and visual models: the workflow diagrams detail the user experience and interactions within this module, and the visual models present graphic assets and elements within this module.

The following are high-level objectives for *Immunizations*:

- To let the provider view the immunization records of the patient.

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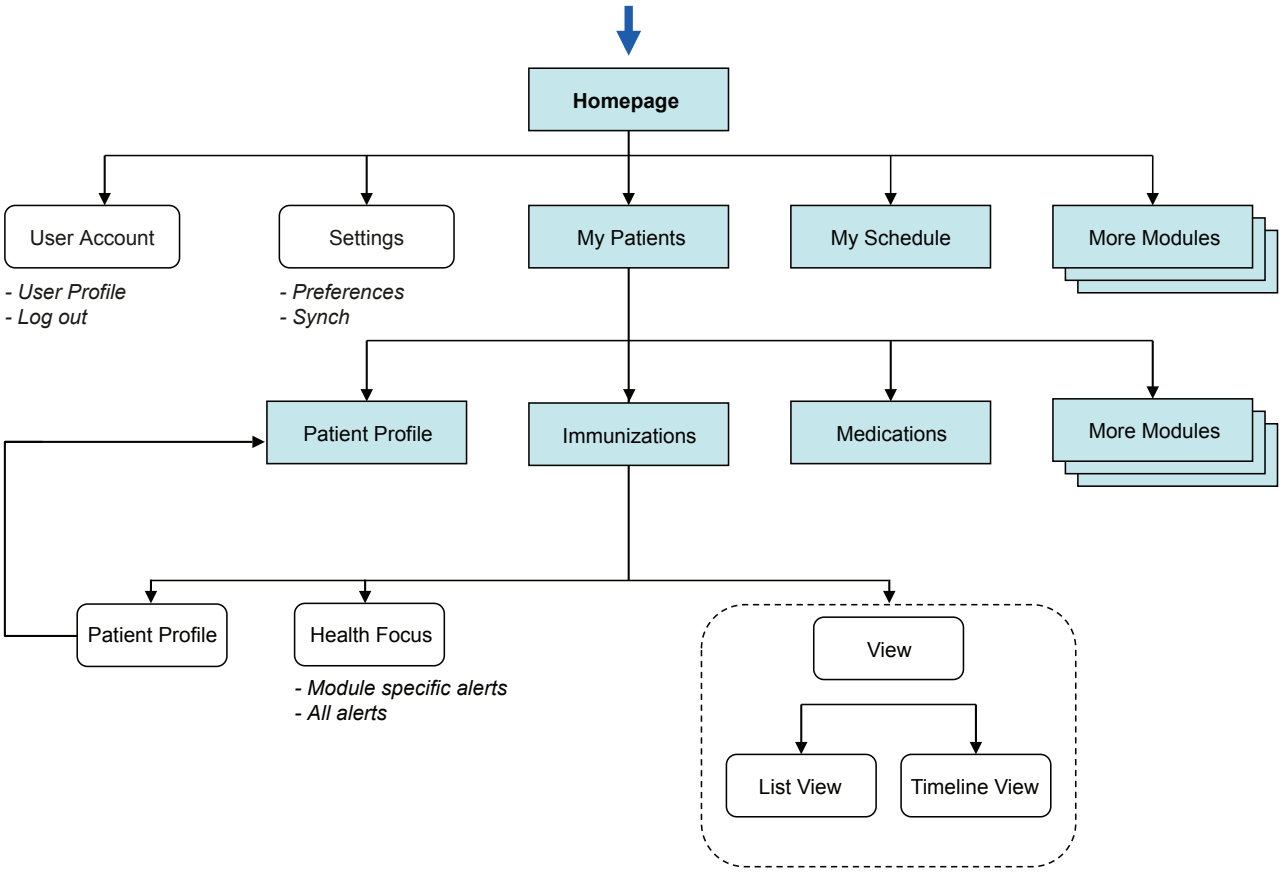
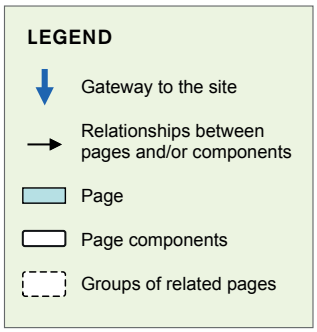
FLOWCHART FOR IMMUNIZATIONS MODULE





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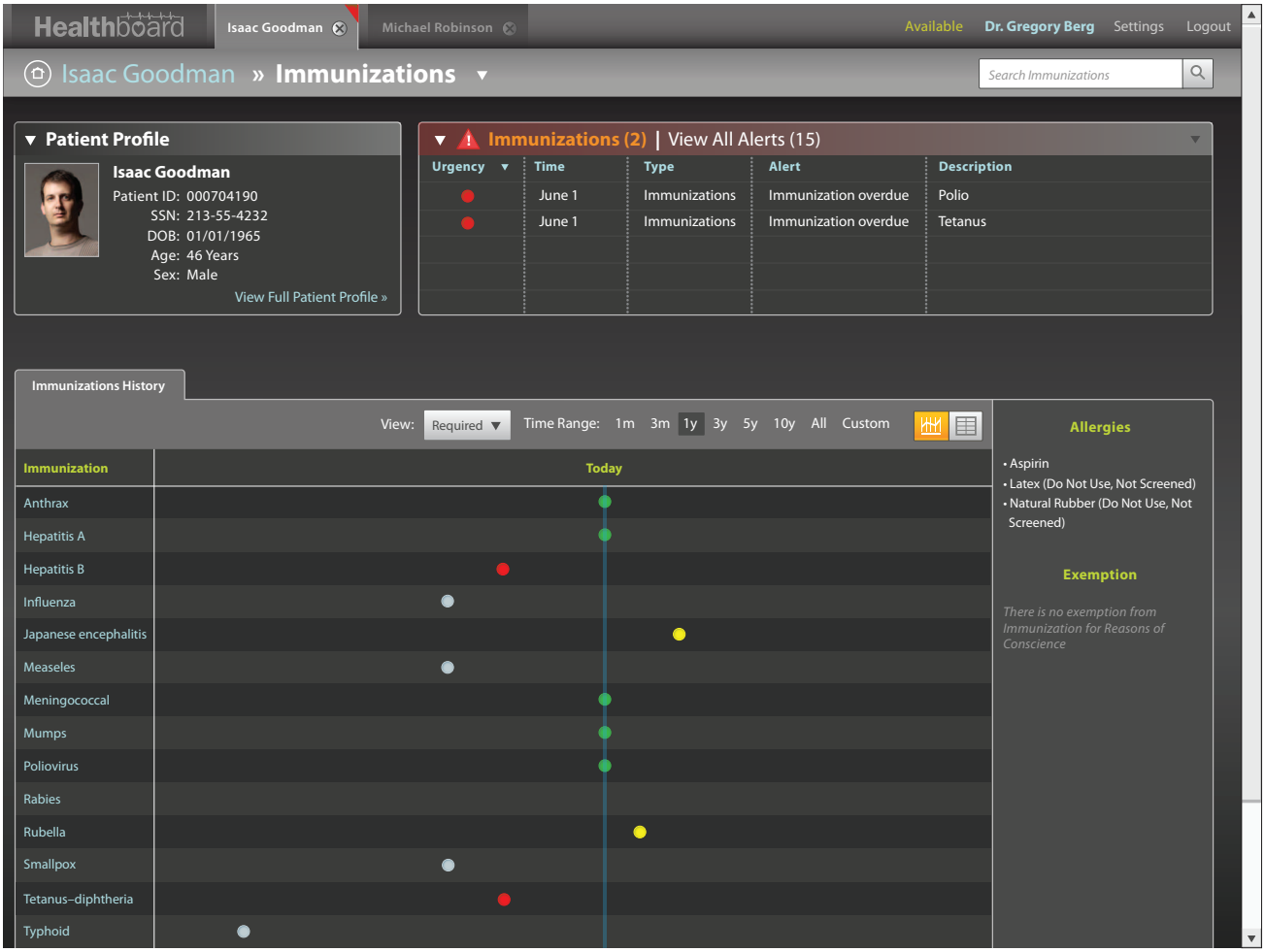
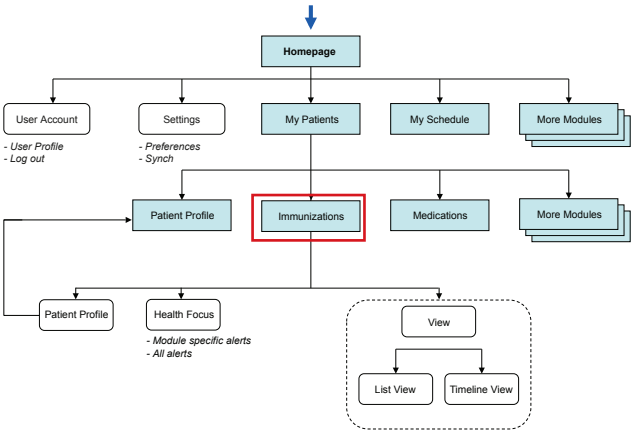
IMMUNIZATIONS: IMMUNIZATION DETAILS



This screen shows the patient's immunization records for the past year in a timeline view. The user may change the duration using the options on the top right in the action bar.

In the time line view, the user can see list of immunizations and their due dates. The placements of dots indicate the due dates of listed immunizations. Immunizations are color coded based on their status, such as "Due," "Due within 1 month," "Addressed Today," or "Completed."



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IMMUNIZATIONS: IMMUNIZATION DETAILS

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Immunizations

Search Immunizations

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965
Age: 46 Years
Sex: Male

View Full Patient Profile »

Immunizations (2) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
●	June 1	Immunizations	Immunization overdue	Polio
●	June 1	Immunizations	Immunization overdue	Tetanus

Immunizations History

View: Required | Time Range: 1m 3m 1y 3y 5y 10y All Custom

Immunization	Today
Anthrax	
Hepatitis A	
Hepatitis B	
Influenza	
Japanese encephalitis	
Measeles	
Meningococcal	
Mumps	
Poliovirus	
Rabies	
Rubella	
Smallpox	
Tetanus–diphtheria	
Typhoid	

The meningococcal vaccine is an immunization shot for meningococcal disease, a serious bacterial illness.

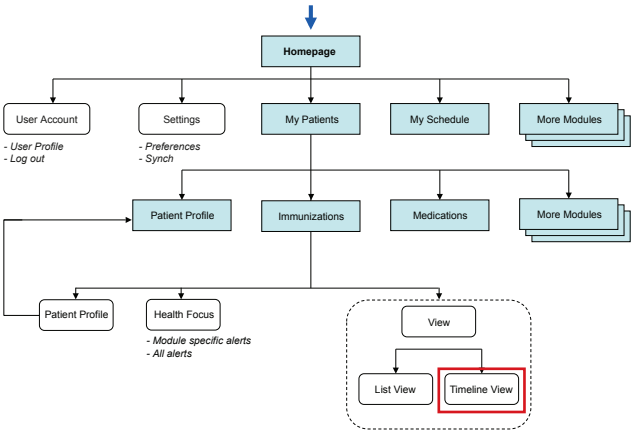
Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Exemption

There is no exemption from Immunization for Reasons of Conscience

The user can hover over an immunization to see the full name and a description of the item.



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IMMUNIZATIONS: IMMUNIZATION DETAILS

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Help

Isaac Goodman » Immunizations

Search Immunizations

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965
Age: 46 Years
Sex: Male

View Full Patient Profile »

Immunizations (2) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
●	June 1	Immunizations	Immunization overdue	Polio
●	June 1	Immunizations	Immunization overdue	Tetanus

Immunizations History

View: Required | Time Range: 1m 3m 1y 3y 5y 10y All Custom

Immunization	Today
Anthrax	●
Hepatitis A	●
Hepatitis B	●
Influenza	●
Japanese encephalitis	●
Measeles	●
Meningococcal	●
Mumps	●
Poliovirus	●
Rabies	
Rubella	
Smallpox	●
Tetanus–diphtheria	●
Typhoid	●

Tetanus-diphtheria
Status: Overdue
Due by: March 5, 2011
Click to view immunization details

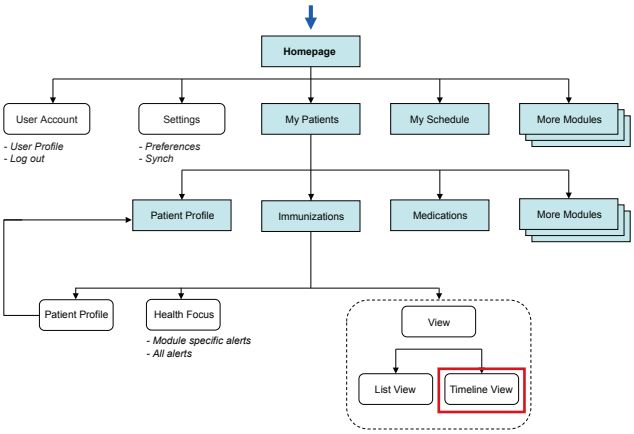
Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Exemption

There is no exemption from Immunization for Reasons of Conscience

The user can hover over any dots/icons to have a short description about the selected immunization, such as status and due date.



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IMMUNIZATIONS: IMMUNIZATION DETAILS

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Help

Isaac Goodman » Immunizations

Search Immunizations

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965
Age: 46 Years
Sex: Male

View Full Patient Profile »

Immunizations (2) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
●	June 1	Immunizations	Immunization overdue	Polio
●	June 1	Immunizations	Immunization overdue	Tetanus

Immunizations History | Yellow Fever

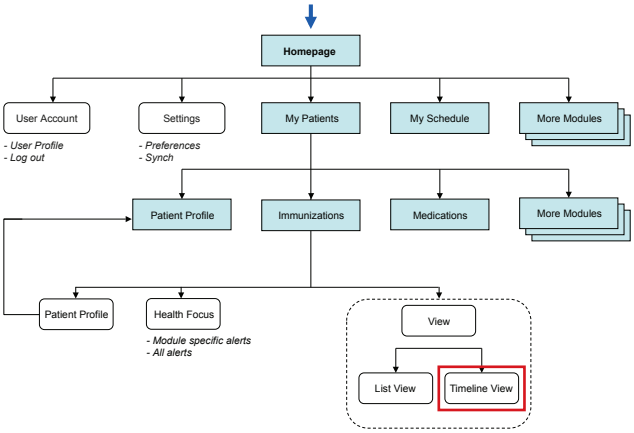
Vaccination Details

Name: MMR vaccine
Description: Vaccine against yellow fever
Status: Due within 1 month
Last Given: May 20, 2001
At age: 36
Next Due: May 20, 2011
At age: 46
Series: 1
Size/Result
Mfg: TRS
Lot Nbr: Transcribed
Expires
Last Edit
DEERS ack
MTF Code: 9000
Route: Unknown
Site: Unknown

Vaccination History

Number	Date	Age	Status
6	May 20, 2021	56	Due
5	May 20, 2011	46	Due in 1 month
4	May 20, 2001	36	Given
3	May 20, 1991	26	Given
2	May 20, 1981	16	Given
1	May 20, 1971	6	Given

Upon click, the detail information about the selected immunization appears in a new tab.



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IMMUNIZATIONS: 5-YEAR DURATION

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Help

Isaac Goodman » Immunizations

Search Immunizations

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965
Age: 46 Years
Sex: Male

View Full Patient Profile »

Immunizations (2) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
	June 1	Immunizations	Immunization overdue	Polio
	June 1	Immunizations	Immunization overdue	Tetanus

Immunizations History

View: Required | Time Range: 1m 3m 1y 3y 5y 10y All Custom

Immunization | Today

Anthrax
Hepatitis A
Hepatitis B
Influenza
Japanese encephalitis
Measeles
Meningococcal
Mumps
Poliovirus
Rabies
Rubella
Smallpox
Tetanus–diphtheria
Typhoid

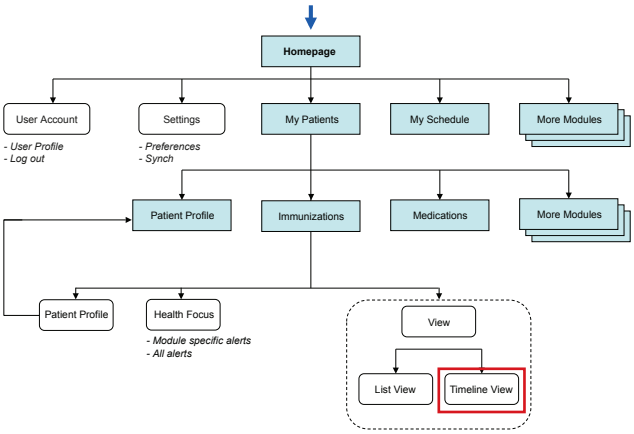
Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Exemption

There is no exemption from Immunization for Reasons of Conscience

The user can select a different duration or time span in which to view patient's immunization history. This screen shows the user's immunization records over the past five years.



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IMMUNIZATIONS: 10-YEAR DURATION

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Help

Isaac Goodman » Immunizations

Search Immunizations

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965
Age: 46 Years
Sex: Male

View Full Patient Profile »

Immunizations (2) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
●	June 1	Immunizations	Immunization overdue	Polio
●	June 1	Immunizations	Immunization overdue	Tetanus

Immunizations History

View: Required | Time Range: 1m 3m 1y 3y 5y 10y All Custom

Immunization | Today

Anthrax
Hepatitis A
Hepatitis B
Influenza
Japanese encephalitis
Measeles
Meningococcal
Mumps
Poliovirus
Rabies
Rubella
Smallpox
Tetanus–diphtheria
Typhoid

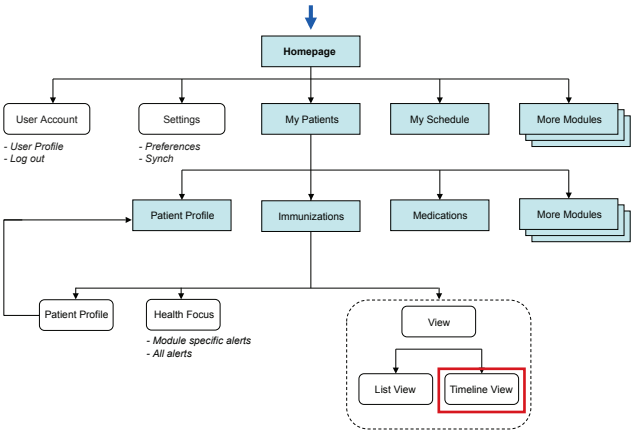
Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Exemption

There is no exemption from Immunization for Reasons of Conscience

This screen shows the patient's immunization records over the past ten years.



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IMMUNIZATIONS: TABLE VIEW

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Help

Isaac Goodman » Immunizations

Search Immunizations

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965
Age: 46 Years
Sex: Male

View Full Patient Profile »

Immunizations (2) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
	June 1	Immunizations	Immunization overdue	Polio
	June 1	Immunizations	Immunization overdue	Tetanus

Immunizations History

View: Required | Time Range: 1m 3m 1y 3y 5y 10y All Custom

Immunization	Date Given	Age	Next Due	Series	Expires	Last Edit	Occupational Status
Anthrax	March 16, 2011	46	--	1	--	--	Navy [S]
Hepatitis A	March 16, 2011	46	--	1	--	--	Navy
Hepatitis B	March 16, 2011	Birth	February 8, 2011	1	February 8, 2011	February 8, 2011	Navy [Acc, Occ, S, T]
Influenza	March 16, 2011	Birth	February 8, 2011	1	February 8, 2011	February 8, 2011	Navy
Japanese encephalitis	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy [S, T]
Measeles	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy
Meningococcal	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy [Acc, Occ, S, T]
Mumps	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy
Poliovirus	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy
Rabies	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy [Occ, S]
Rubella	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy
Smallpox	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy [S]
Tetanus–diphtheria	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy
Typhoid	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy [S, T]

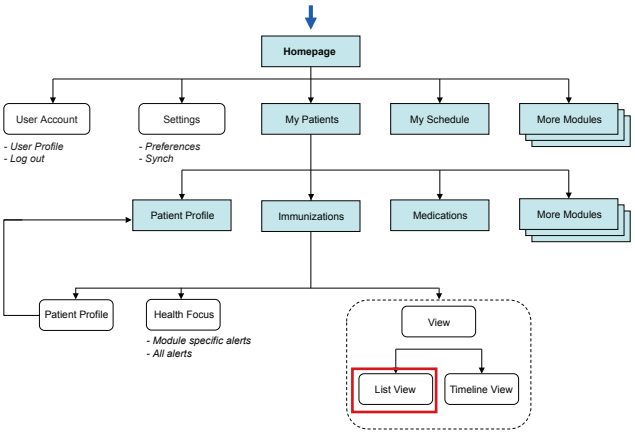
Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Exemption

There is no exemption from Immunization for Reasons of Conscience

This screen shows the immunization records in the list view.



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IMMUNIZATIONS: IMMUNIZATION DETAIL IN TABLE VIEW

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Help

Isaac Goodman » Immunizations

Search Immunizations

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965
Age: 46 Years
Sex: Male

View Full Patient Profile »

Immunizations (2) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
	June 1	Immunizations	Immunization overdue	Polio
	June 1	Immunizations	Immunization overdue	Tetanus

Immunizations History

View: Required | Time Range: 1m 3m 1y 3y 5y 10y All Custom

Immunization	Date Given	Age	Next Due	Series	Expires	Last Edit	Occupational Status
Anthrax	March 16, 2011	46	--	1	--	--	Navy [S]
Hepatitis A	March 16, 2011	46	--	1	--	--	Navy
Hepatitis B	March 16, 2011	Birth	February 8, 2011	1	February 8, 2011	February 8, 2011	Navy [Acc, Occ, S, T]
Influenza	March 16, 2011	Birth	February 8, 2011	1	February 8, 2011	February 8, 2011	Navy
Japanese encephalitis	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy [S, T]
Measeles	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy
Meningococcal	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy [Acc, Occ, S, T]
Mump	[illegible]	[illegible]	[illegible]	1	May 5, 2011	May 5, 2011	Navy
Poliovir	[illegible]	[illegible]	[illegible]	1	May 5, 2011	May 5, 2011	Navy
Rabies	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy [Occ, S]
Rubella	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy
Smallpox	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy [S]
Tetanus–diphtheria	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy
Typhoid	March 16, 2011	Birth	May 5, 2011	1	May 5, 2011	May 5, 2011	Navy [S, T]

The meningococcal vaccine is an immunization shot for meningococcal disease, a serious bacterial illness.

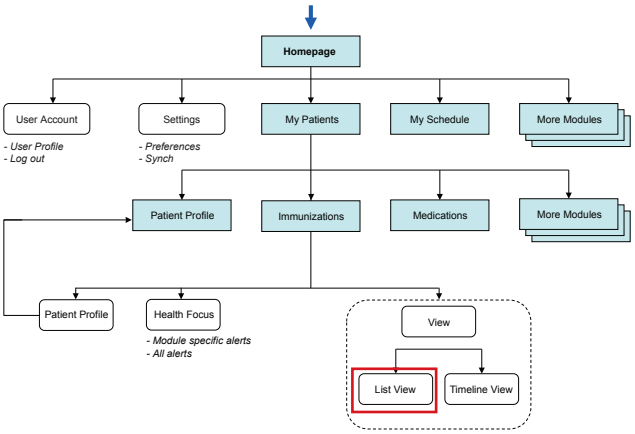
Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Exemption

There is no exemption from Immunization for Reasons of Conscience

The user can hover on an immunization to see the full name and a description of the item.



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Vital Signs

INTRODUCTION This section of the Detailed GUI Volume documents the design of the Provider Portal's *Vital Signs* function set for the Visual Dashboard for a Patient Centered Medical Home (PCMH). The documentation includes both workflow diagrams and visual models: the workflow diagrams detail the user experience and interactions within this module, and the visual models present graphic assets and elements within this module.

The following are high-level objectives for *Vital Signs*:

- To display the patient's vital signs measured during medical examinations (entered into AHLTA by healthcare professionals) and measures submitted the patient.
- To support the provider by automatically triggering alerts/warnings on anomalies.
- To enable the exchange of information between the provider and patient through the "Comments" function.

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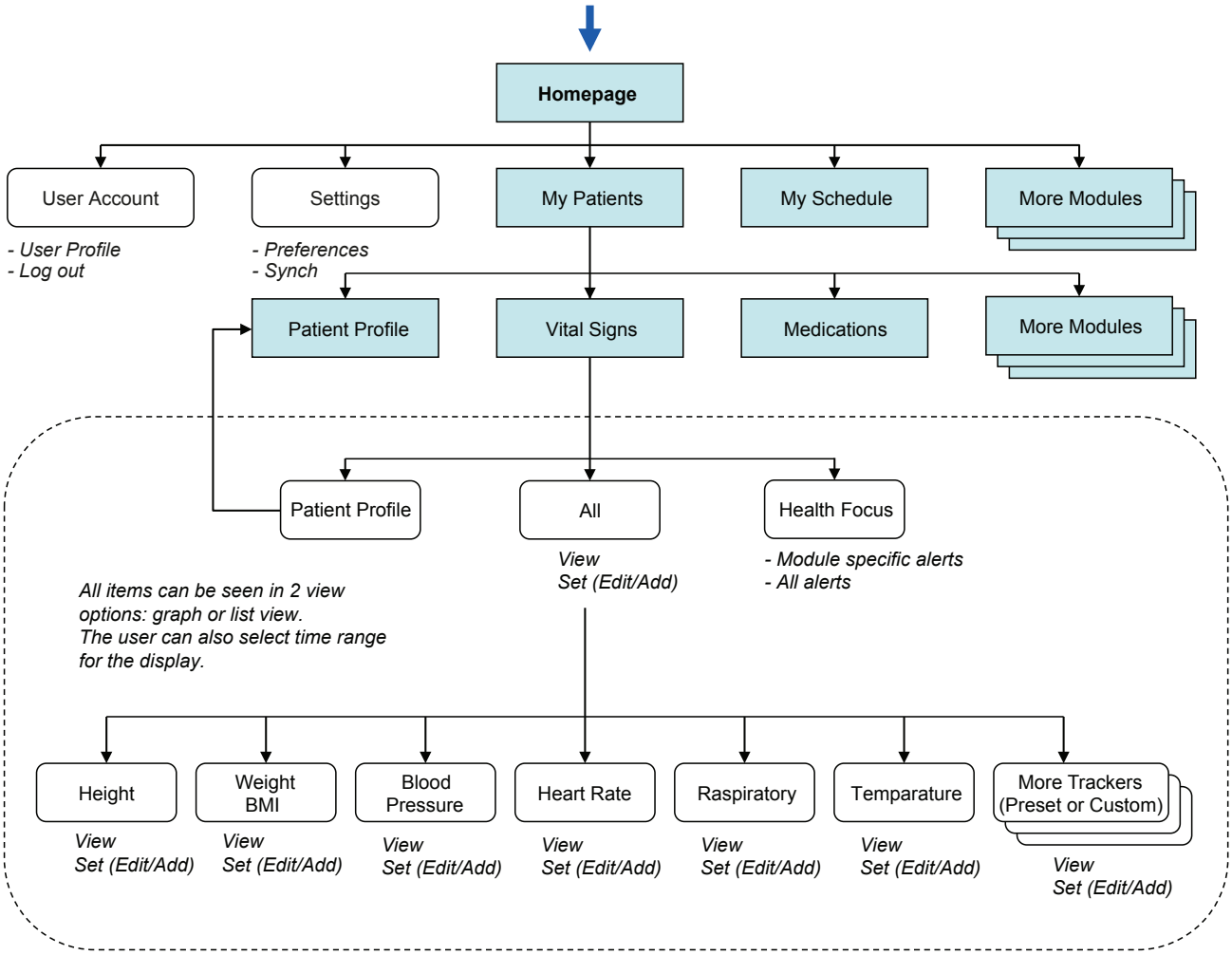
FLOWCHART FOR VITAL SIGNS MODULE



LEGEND

- Gateway to the site
- Relationships between pages and/or components
- Page
- Page components
- Groups of related pages

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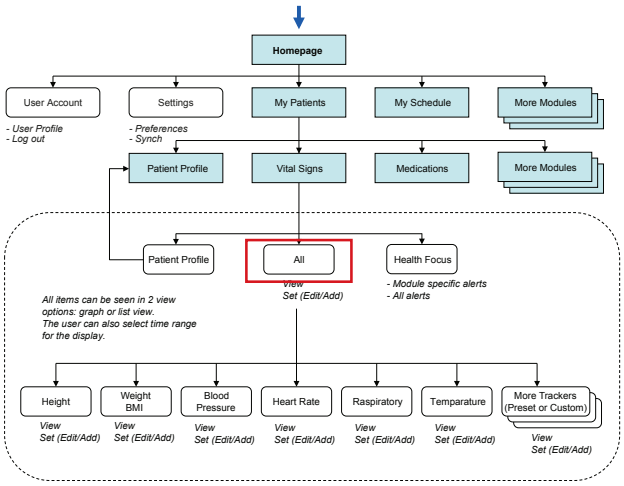
VITAL SIGNS: LANDING PAGE

The landing screen shows the summary of the user's *Vital Signs* records in the graph view. The sparklines allow for a quick overview of the trends in the patient's vital signs. The shape of the marks indicate the data source: provider or patient. The dotted line indicates goals. The numbers on the right show the most recent records for each item.



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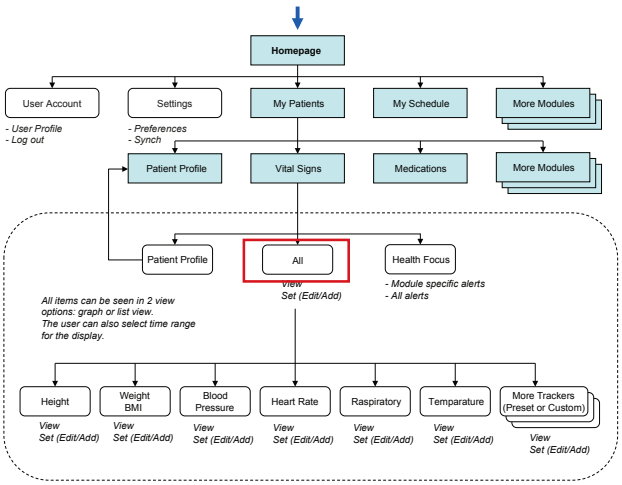
VITAL SIGNS: ADD GOAL

The user can set and edit goals for the patient. The user can add a new goal by clicking on the "+Set Goal" to add or edit goals. The pop up shows every goal the provider has previously set for the patient, including the ability "Edit" and "Delete" goals for each. The user selects "+Add Goal."



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VITAL SIGNS: ADD GOAL (CONTINUED)

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Vital Signs

Search Vital Signs

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Vital Signs (2) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
●	March 11	Vital Signs	Blood Pressure	Stage 2 Hypertension
●	March 11	Vital Signs	Weight	+10 pounds

PATIENT'S VITALS
- All
- Weight
- Blood Pressure
- Heart Rate
- Respiratory
- Temperature
- Height

+ Add New Tracker

+ Set Goals | + Add Comments | Time Range: 1d 1w 1m 3m 1y 3y All Custom

Goal | Patient Entry | Provider Entry

Add Goal

Please select a category

Vital Signs

Achieve by: 06/06/2011

Comments

Save | Cancel

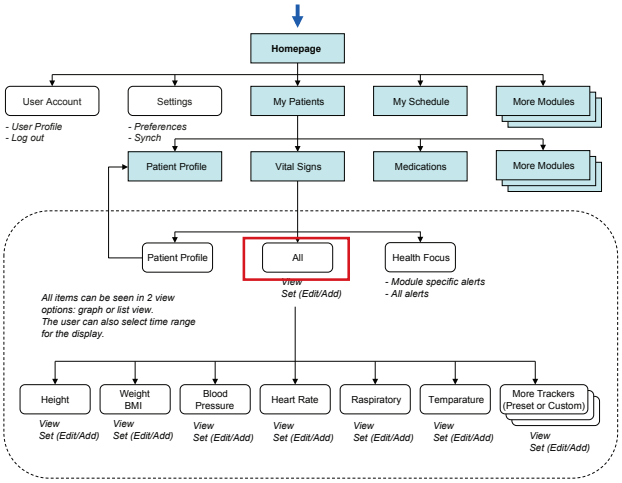
Comments — Provider Entry, Patient Entry

Weight — 180 pounds, 25.1 BMI, *March 11, 2011*

Blood pressure — 140/90 mmHg, *March 11, 2011*

Heart rate — 70 beats / minute, *November 5, 2010*

From the drop down, the user can select *Vital Signs* for a new goal.



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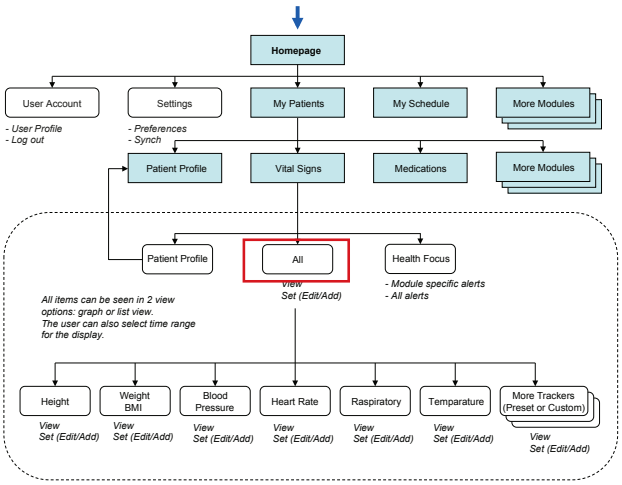
VITAL SIGNS: ADD GOAL (CONTINUED)

The user selects "Weight" category.



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VITAL SIGNS: ADD GOAL (CONTINUED)

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Vital Signs

Search Vital Signs

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Vital Signs (2) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
●	March 11	Vital Signs	Blood Pressure	Stage 2 Hypertension
●	March 11	Vital Signs	Weight	+10 pounds

PATIENT'S VITALS
- All
- Weight
- Blood Pressure
- Heart Rate
- Respiratory
- Temperature
- Height

+ Add New Tracker

+ Set Goals | + Add Comments | Time Range: 1d 1w 1m 3m 1y 3y All Custom

Goal | Patient Entry | Provider Entry

Add Goal

Please select a category

Weight

pounds OR BMI

Achieve by: 06/06/2011

Comments

Save | Cancel

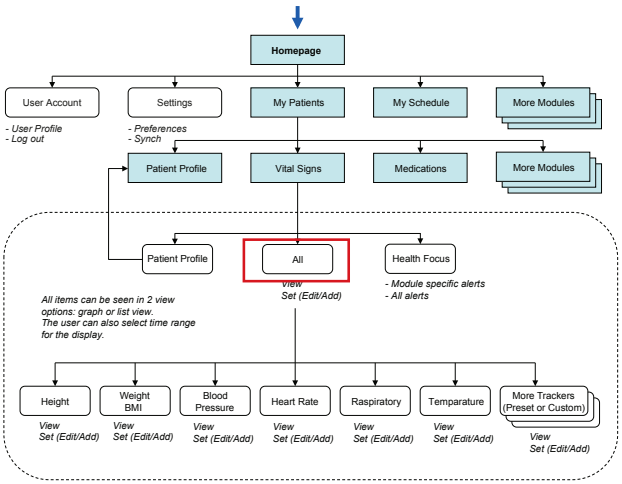
Comments — Provider Entry, Patient Entry

Weight — 180 pounds, 25.1 BMI, *March 11, 2011*

Blood pressure — 140/90 mmHg, *March 11, 2011*

Heart rate — 70 beats / minute, *November 5, 2010*

Each vital sign has its own attributes. Since the user has selected "Weight," the options appear below to input pounds or BMI, and to set a goal date for the patient. Additional comments to the patient are optional.



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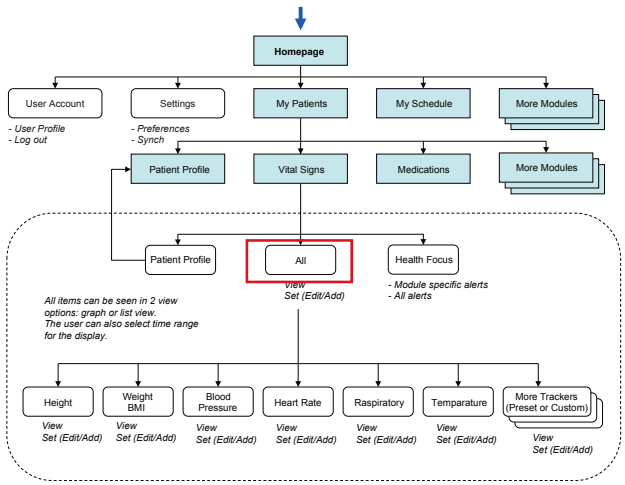
VITAL SIGNS: EDIT GOAL

The user can see when the goal was last updated by hovering over the "Edit" link.

The user can clicks the "Edit" link.



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VITAL SIGNS: EDIT GOAL (CONTINUED)

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Vital Signs

Search Vital Signs

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Vital Signs (2) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
●	March 11	Vital Signs	Blood Pressure	Stage 2 Hypertension
●	March 11	Vital Signs	Weight	+10 pounds

PATIENT'S VITALS
- All
- Weight
- Blood Pressure
- Heart Rate
- Respiratory
- Temperature
- Height

+ Add New Tracker

+ Set Goals | + Add Comments | Time Range: 1d 1w 1m 3m 1y 3y All Custom

Goal | Patient Entry | Provider Entry

Edit Goal

Please select a category

Weight

150 pounds OR 23.5 BMI

Achieve by: 06/06/2011

The first of three stepping stones is to lose 10 pounds in the first month. Follow your food plan and do exercise.

Save | Cancel

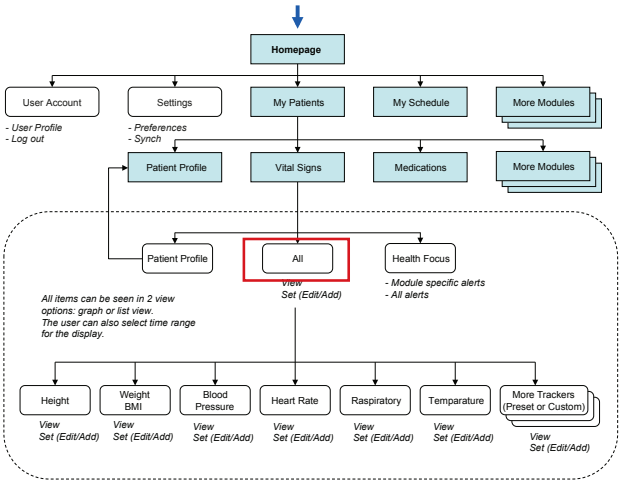
Comments — Provider Entry, Patient Entry

Weight — 180 pounds, 25.1 BMI, March 11, 2011

Blood pressure — 140/90 mmHg, March 11, 2011

Heart rate — 70 beats / minute, November 5, 2010

The user can edit the goal in the "Edit Goal" window.



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VITAL SIGNS: EDIT GOAL (CONTINUED)

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Vital Signs

Search Vital Signs

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Vital Signs (2) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
●	March 11	Vital Signs	Blood Pressure	Stage 2 Hypertension
●	March 11	Vital Signs	Weight	+10 pounds

PATIENT'S VITALS
- All
- Weight
- Blood Pressure
- Heart Rate
- Respiratory
- Temperature
- Height

+ Add New Tracker

+ Set Goals | + Add Comments | Time Range: 1d 1w 1m 3m 1y 3y All Custom

Goal | Patient Entry | Provider Entry

Edit Goal

Please select a category

Weight

145 pounds OR 21.5 BMI

Achieve by: 09/06/2011

The first of three stepping stones is to lose 10 pounds in the first month. Follow your food plan and do exercise.

Save | Cancel

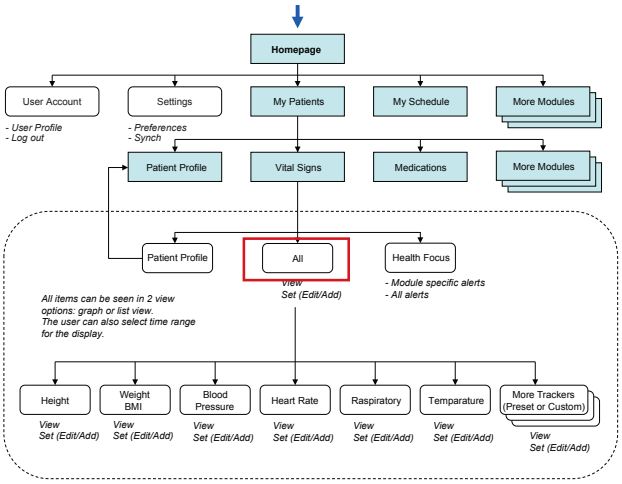
Comments — Provider Entry, Patient Entry

Weight — 180 pounds, 25.1 BMI, March 11, 2011

Blood pressure — 140/90 mmHg, March 11, 2011

Heart rate — 70 beats / minute, November 5, 2010

Once the values are modified, the user can click "Save" button to modify the goal.



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VITAL SIGNS: EDIT GOAL (CONTINUED)

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Vital Signs

Search Vital Signs

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Vital Signs (2) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
●	March 11	Vital Signs	Blood Pressure	Stage 2 Hypertension
●	March 11	Vital Signs	Weight	+10 pounds

PATIENT'S VITALS
- All
- Weight
- Blood Pressure
- Heart Rate
- Respiratory
- Temperature
- Height

+ Add New Tracker

+ Set Goals | + Add Comments | Time Range: 1d 1w 1m 3m 1y 3y All Custom

Goal | Patient Entry | Provider Entry

Add Goal

Please select a category

Weight

pounds OR BMI

Achieve by: 06/06/2011

Comments

Save | Cancel

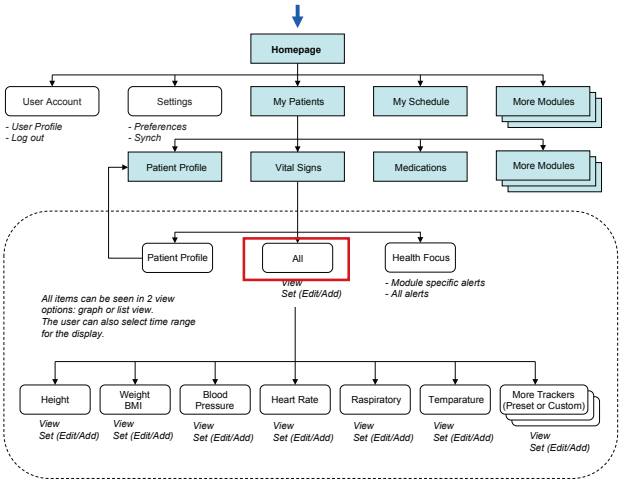
Comments — Provider Entry, Patient Entry

Weight — 180 pounds, 25.1 BMI, *March 11, 2011*

Blood pressure — 140/90 mmHg, *March 11, 2011*

Heart rate — 70 beats / minute, *November 5, 2010*

The user can close the popup by hitting the "Cancel."



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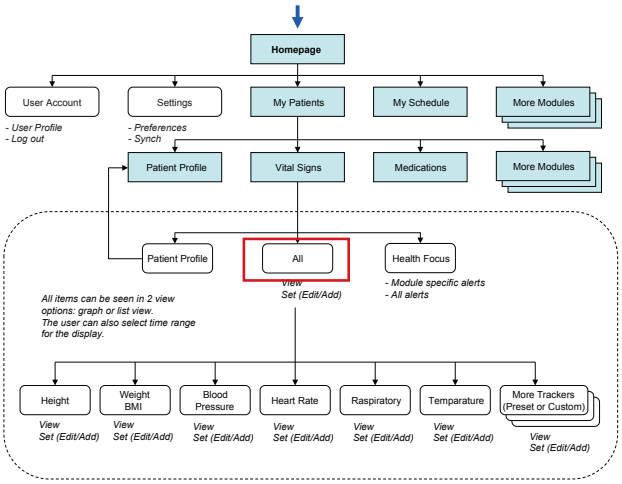
VITAL SIGNS: HOVER STATUS

As the user moves the cursor along the graph, the synchronous nodes on the other tracker sparklines are highlighted as well. The blue vertical line appears to emphasize these synchronous nodes, and indicate where the mouse is. If no synchronous node is available, a sparkline should highlight the next nearest node (see the highlighted height node above). In addition, values associated with these nodes are displayed to the right. When the user mouses off, the highlighted nodes revert to the most current.



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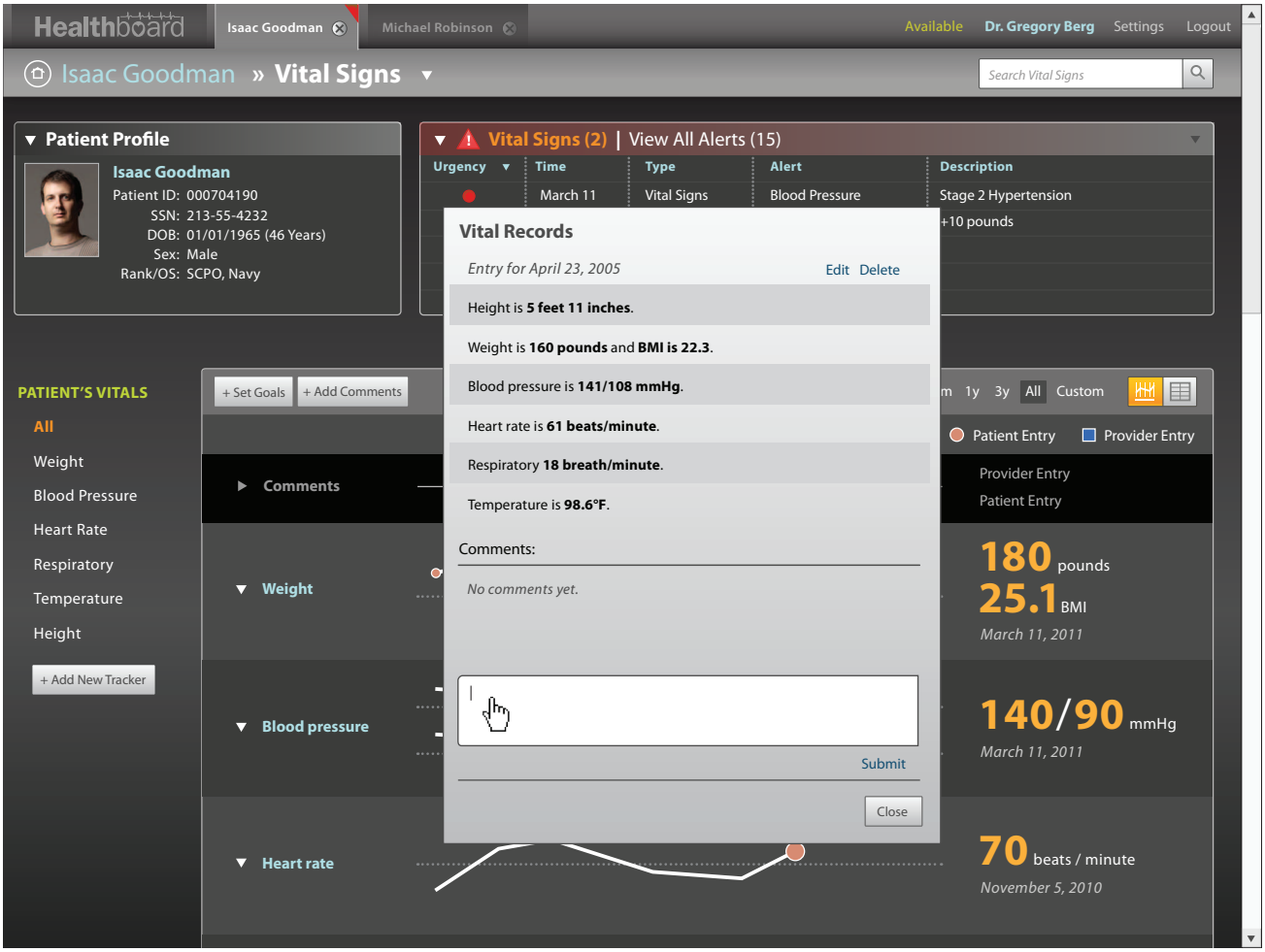
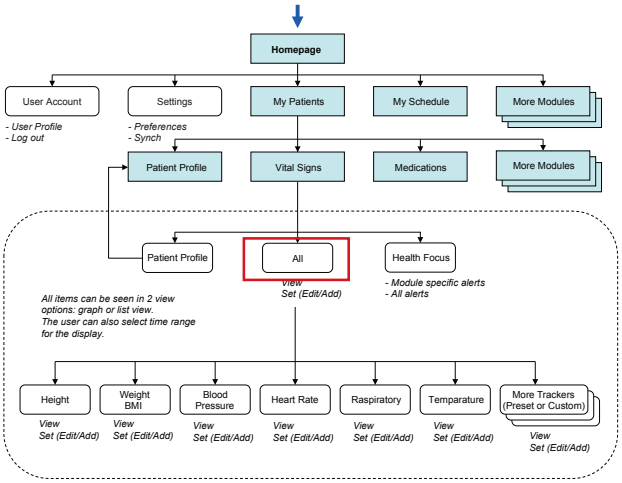
VITAL SIGNS: ON CLICK



The user can click a node to view the record. A popup window appears. The user clicks "+Add comment" link in the bottom right corner to add a comment for the patient.



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VITAL SIGNS: ADD COMMENT

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Vital Signs

Search Vital Signs

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Vital Signs (2) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
	March 11	Vital Signs	Blood Pressure	Stage 2 Hypertension
				+10 pounds

Vital Records

Entry for April 23, 2005 Edit Delete

Height is **5 feet 11 inches**.

Weight is **160 pounds** and **BMI is 22.3**.

Blood pressure is **141/108 mmHg**.

Heart rate is **61 beats/minute**.

Respiratory **18 breath/minute**.

Temperature is **98.6°F**.

Comments:

No comments yet.

I see that you have gained 10 pounds in the past 1 month. Please explain.

Submit

Close

PATIENT'S VITALS
- All
- Weight
- Blood Pressure
- Heart Rate
- Respiratory
- Temperature
- Height

+ Add New Tracker

+ Set Goals | + Add Comments | m 1y 3y All Custom

Patient Entry | Provider Entry

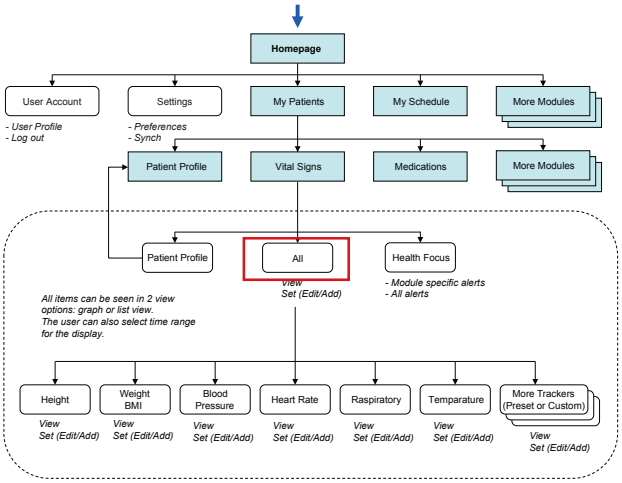
Comments — Provider Entry, Patient Entry

Weight — 180 pounds, 25.1 BMI, March 11, 2011

Blood pressure — 140/90 mmHg, March 11, 2011

Heart rate — 70 beats / minute, November 5, 2010

A popup window appears for the user to enter comments.



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VITAL SIGNS: NEW COMMENT

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Vital Signs

Search Vital Signs

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Vital Signs (2) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
	March 11	Vital Signs	Blood Pressure	Stage 2 Hypertension
				+10 pounds

Vital Records

Entry for April 23, 2005 Edit Delete

Height is **5 feet 11 inches**.

Weight is **160 pounds** and **BMI is 22.3**.

Blood pressure is **141/108 mmHg**.

Heart rate is **61 beats/minute**.

Respiratory **18 breath/minute**.

Temperature is **98.6°F**.

Comments:

I see that you have gained 10 pounds in the past 1 month. Please explain. Edit Delete
– Dr. Gregory Berg, March 14, 2011

Enter Additional Comments

Submit

Close

PATIENT'S VITALS
All
Weight
Blood Pressure
Heart Rate
Respiratory
Temperature
Height
+ Add New Tracker

+ Set Goals | + Add Comments | m 1y 3y All Custom

Patient Entry | Provider Entry

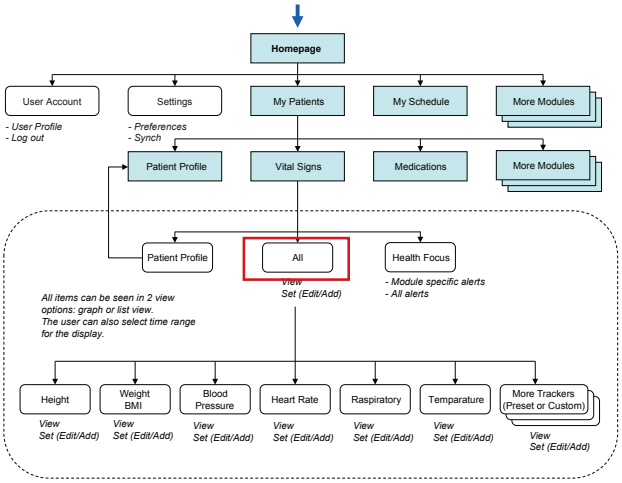
Comments — Provider Entry, Patient Entry

Weight — 180 pounds, 25.1 BMI, March 11, 2011

Blood pressure — 140/90 mmHg, March 11, 2011

Heart rate — 70 beats / minute, November 5, 2010

Comment is added to the patient's entry.



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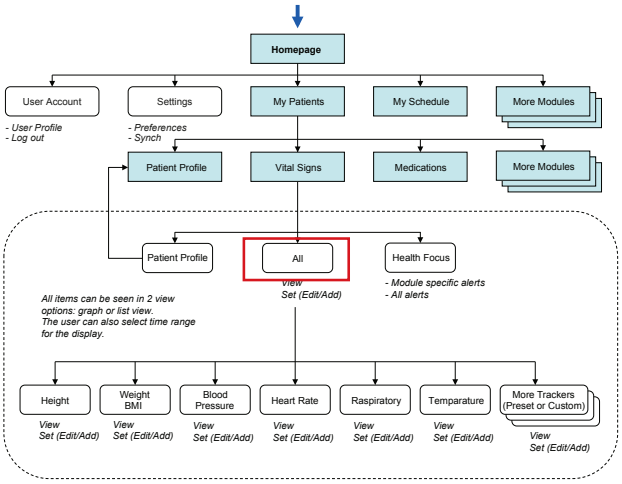
VITAL SIGNS: COMMENT INDICATOR

On bottom, a comment is added in the "Provider Entry" section (shown as a blue dialogue icon).



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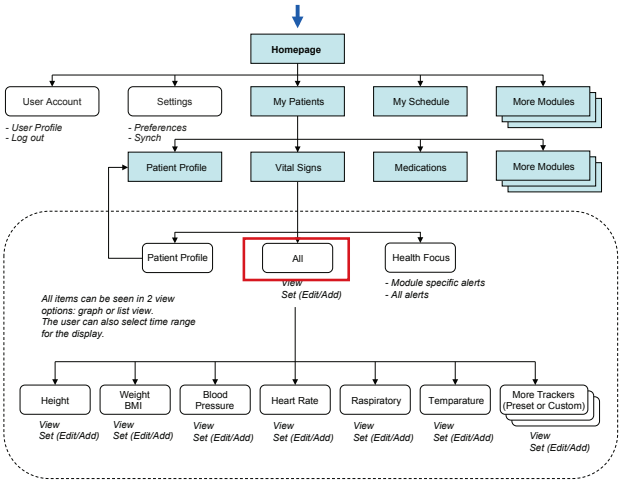
VITAL SIGNS: HOVER (NOVEMBER 2)

The user can click an icon to show the patient's entry for this day, plus any comments.



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VITAL SIGNS: CLICK (NOVEMBER 2)

PATIENT'S VITALS
All
Weight
Blood Pressure
Heart Rate
Respiratory
Temperature
Height
+ Add New Tracker

+ Set Goals | + Add Comments | Time Range: 1d 1w 1m 3m 1y 3y All Custom

Goal | Patient Entry | Provider Entry

Comments — Provider Entry, Patient Entry

Weight — 170 pounds, 23.7 BMI, November 2, 2007

Blood pressure — 141/108 mmHg, November 2, 2007

Heart rate — 60 beats / minute, November 2, 2007

Respiratory — 20 breaths / minute, November 2, 2007

Temperature — 98 degrees Farenheit, November 2, 2007

Height — Last updated November 02, 2007

Vital Records

Patient's entry for April 23, 2005

Height is **5 feet 11 inches**.

Weight is **160 pounds** and **BMI is 22.3**.

Blood pressure is **141/108 mmHg**.

Heart rate is **61 beats/minute**.

Respiratory **18 breath/minute**.

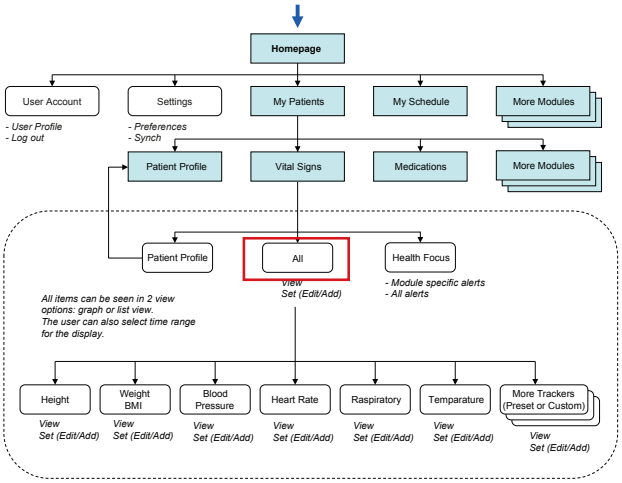
Temperature is **98.6°F**.

Comments: + Add comment

I have been doing aerobic exercises and I'm close to my target weight – *Isaac Goodman, November 2, 2007*

Close

The pop up box appears showing the patient's entry for this day, plus any comments.



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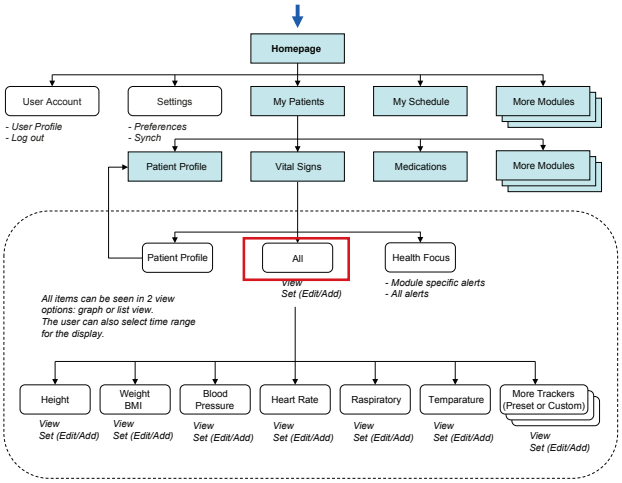
VITAL SIGNS: CLICK (WEIGHT)

The user can click on the "Weight" tracker (center), "Weight" alert in the *Health Focus* (top), or "Weight" under *Patient's Vitals* (left) to see the detailed view.



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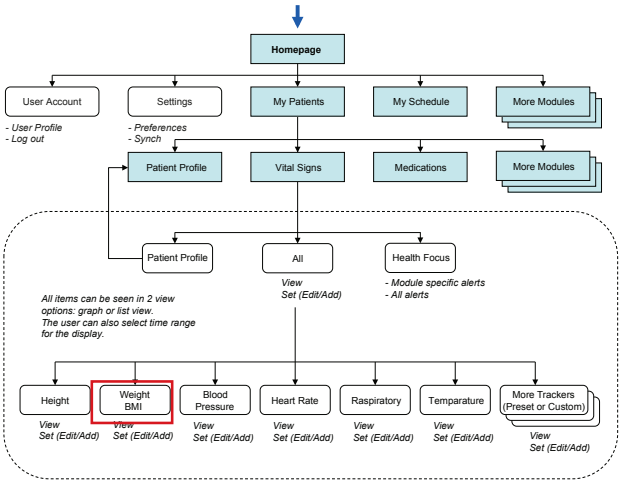
VITAL SIGNS: WEIGHT DETAIL VIEW

This screen shows the detailed view of "Weight" tracker. The detailed graph view is useful for understanding the trends in history, and comparing the patient's status with the goal and references. In this view, the user can also see who has entered which record, indicated by the shape of nodes.

The most recent data entry appears on the top with the associated date, as well as the difference in values compare to the last entry. The triangle icon indicates the increase/decrease in values. The color, red, indicates that the change is unfavorable. The user can see the detail of the goal by hovering over the line.

As the user moves the cursor along the graph, the value of the goal previously set by the provider is displayed. In addition, values associated with these nodes change on the top.



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VITAL SIGNS: WEIGHT

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Vital Signs

Search Vital Signs

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Vital Signs (2) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
●	March 11	Vital Signs	Blood Pressure	Stage 2 Hypertension
●	March 11	Vital Signs	Weight	+10 pounds

PATIENT'S VITALS
- All
- Weight
- Blood Pressure
- Heart Rate
- Respiratory
- Temperature
- Height

+ Add New Tracker

+ Set Goals | Time Range: 1d 1w 1m 3m 1y 3y All Custom

View History

Patient's Weight

180 pounds — March 11, 2011
▲ 10 pounds — from February 3, 2010
25.1 BMI — March 11, 2011
▲ 1.3 BMI — from February 3, 2010
22.5 BMI — Target BMI — Last edited by Provider

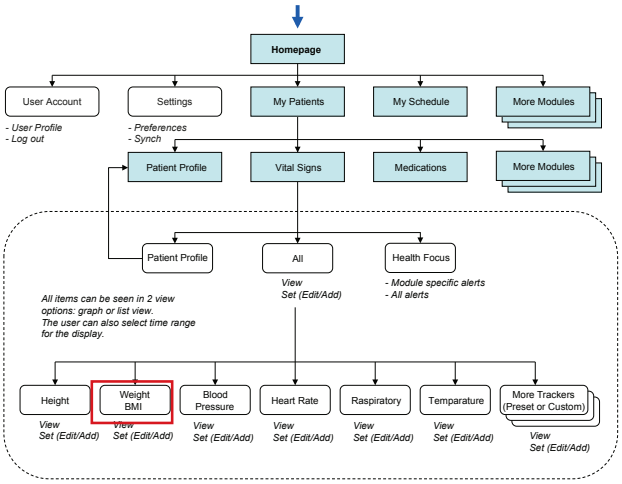
Goal | Patient Entry | Provider Entry | Reference: Body Mass Index

Obese Class III
Obese Class II
Obese Class I
Overweight
Normal
Underweight

42.0
37.0
32.0
25.0
22.5
18.5

Goal: 145 pounds, 22.5 BMI
Achieve by: 9/6/2011

As the user moves the cursor along the graph, the hovered nodes get enlarged. In addition, values associated with these nodes change on the top.



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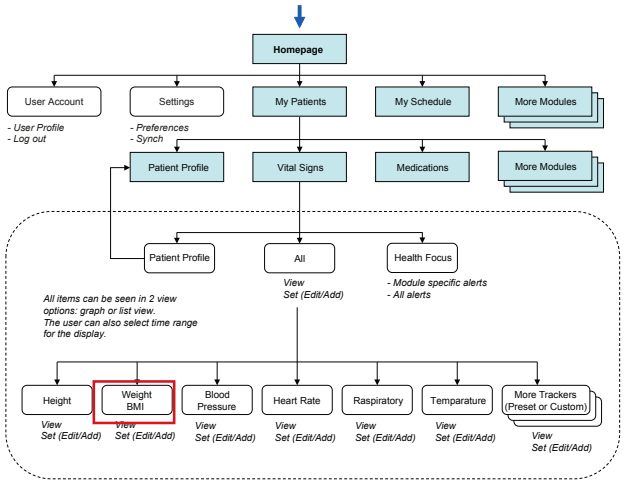
VITAL SIGNS: MODIFY GOAL

The user has the ability to set or edit goals from within a specific vital.



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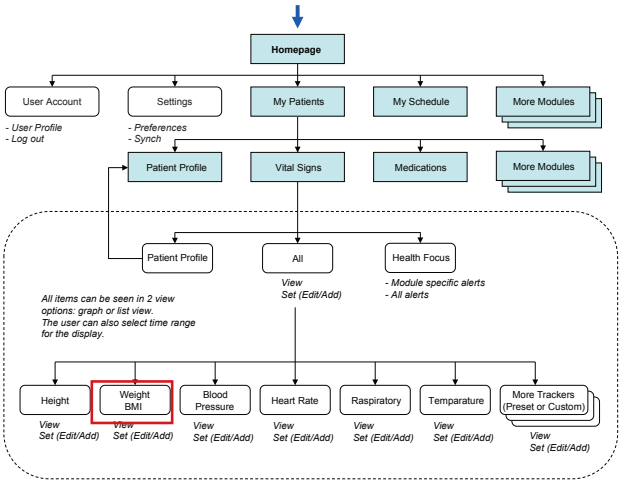
VITAL SIGNS: WEIGHT DETAIL VIEW

The user is back to the summary view of "Weight."



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VITAL SIGNS: BLOOD PRESSURE

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Vital Signs

Search Vital Signs

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Vital Signs (2) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
	March 11	Vital Signs	Blood Pressure	Stage 2 Hypertension
	March 11	Vital Signs	Weight	+10 pounds

PATIENT'S VITALS
- All
- Weight
- Blood Pressure
- Heart Rate
- Respiratory
- Temperature
- Height

+ Add New Tracker

+ Set Goals | Time Range: 1d 1w 1m 3m 1y 3y All Custom | View History

Patient's Blood Pressure

155 / 120 mmHg — March 11, 2011

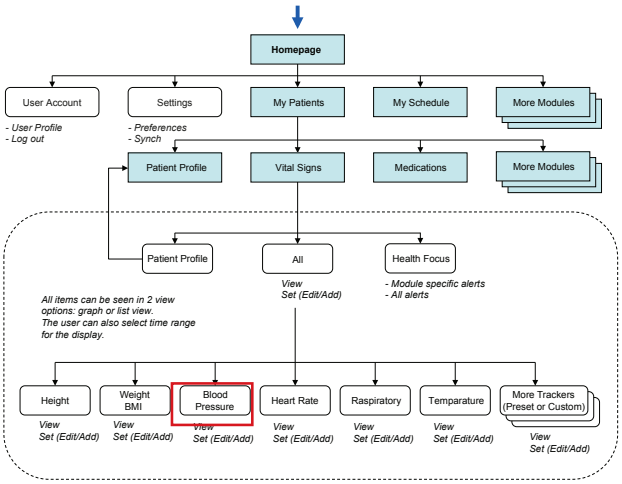
▲15 / ▲30 mmHg — from February 3, 2010

Goal | Systolic | Diastolic | Patient Entry | Provider Entry | Reference: Diastolic

Hypertensive Crisis
Type 2 Hypertension
Type 1 Hypertension
Prehypertension
Normal
Hypotension

180.00
160.00
140.00
120.00
105.00
90.00

The user can click on the "Blood Pressure" tracker or the "Blood Pressure" alert in the *Health Focus* to see the detailed view. The display of the detail view adjusts to the values relevant to a vital (e.g. for "Blood Pressure," "Systolic," and "Diastolic").



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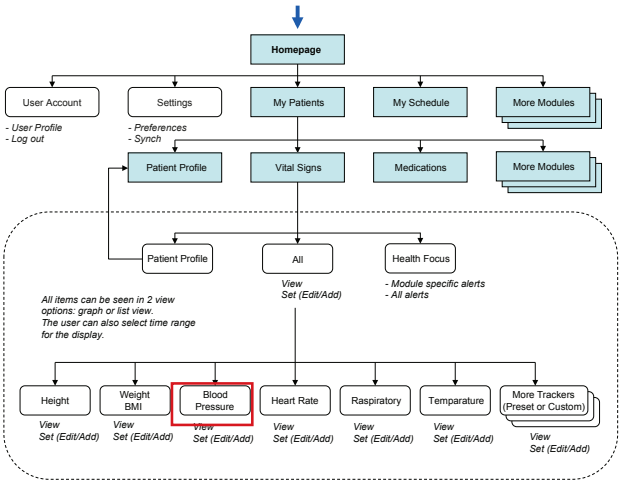
VITAL SIGNS: HOVER

When the user clicks on the node, the number located at the top toggles.



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VITAL SIGNS: ALL

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Vital Signs

Search Vital Signs

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Vital Signs (2) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
●	March 11	Vital Signs	Blood Pressure	Stage 2 Hypertension
●	March 11	Vital Signs	Weight	+10 pounds

PATIENT'S VITALS
- All
- Weight
- Blood Pressure
- Heart Rate
- Respiratory
- Temperature
- Height

+ Add New Tracker

+ Set Goals | + Add Comments | Time Range: 1d 1w 1m 3m 1y 3y All Custom

Goal | Patient Entry | Provider Entry

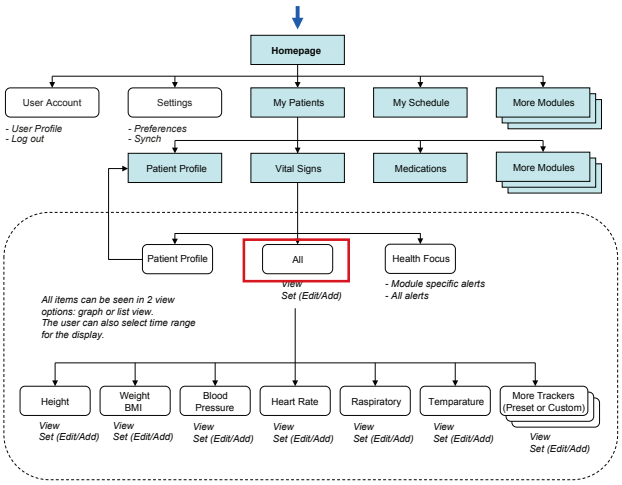
Comments — Provider Entry, Patient Entry

Weight — 180 pounds, 25.1 BMI, March 11, 2011

Blood pressure — 140/90 mmHg, March 11, 2011

Heart rate — 70 beats / minute, November 5, 2010

The screen returns to the graph view for all vitals.



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VITAL SIGNS: TABLE VIEW

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Vital Signs

Search Vital Signs

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Vital Signs (2) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
●	March 11	Vital Signs	Blood Pressure	Stage 2 Hypertension
●	March 11	Vital Signs	Weight	+10 pounds

PATIENT'S VITALS

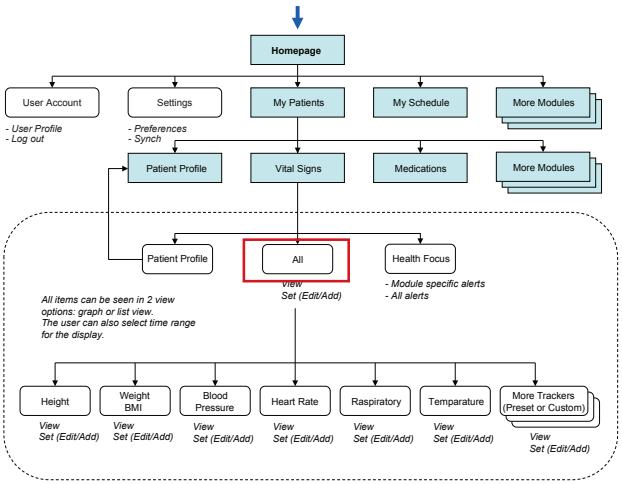
- All
- Weight
- Blood Pressure
- Heart Rate
- Respiratory
- Temperature
- Height

+ Add New Tracker

+ Set Goals | + Add Comments | Time Range: 1d 1w 1m 3m 1y 3y All Custom

Date	Height	Weight / BMI	Blood Pres.	Heart Rate	Respiratory	Temperature	Comments	Recorded by
Mar 11, 2011 – 09:45 am	5'11"	180 / 25.1	140 / 90	70	26	98 F°	Yes	Isaac Goodman
Feb 3, 2010		171 / 23.8						Isaac Goodman
June 2008		169 / 23.6						Isaac Goodman
Nov 2, 2007	5'11"	170 / 23.7	141 / 108	60	20		Yes	You

The user clicks on the "Table View" button, and the table view appears for all trackers. The provider can view each individual vital within a table view as well.



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Medical Records

INTRODUCTION This section of the Detailed GUI Volume documents the design of the Provider Portal's *Medical Records* function set for the Visual Dashboard for a Patient Centered Medical Home (PCMH). The documentation includes both workflow diagrams and visual models: the workflow diagrams detail the user experience and interactions within this module, and the visual models present graphic assets and elements within this module.

The following are high-level objectives for *Medical Records*:

- To let the provider view the medical records of the patient including medical examinations, lab results, radiology images and reports, etc.
- To allow the provider to enter/edit "Next Steps."
- To display the service usage records (i.e., number of visits, procedures, tests) of the patient.

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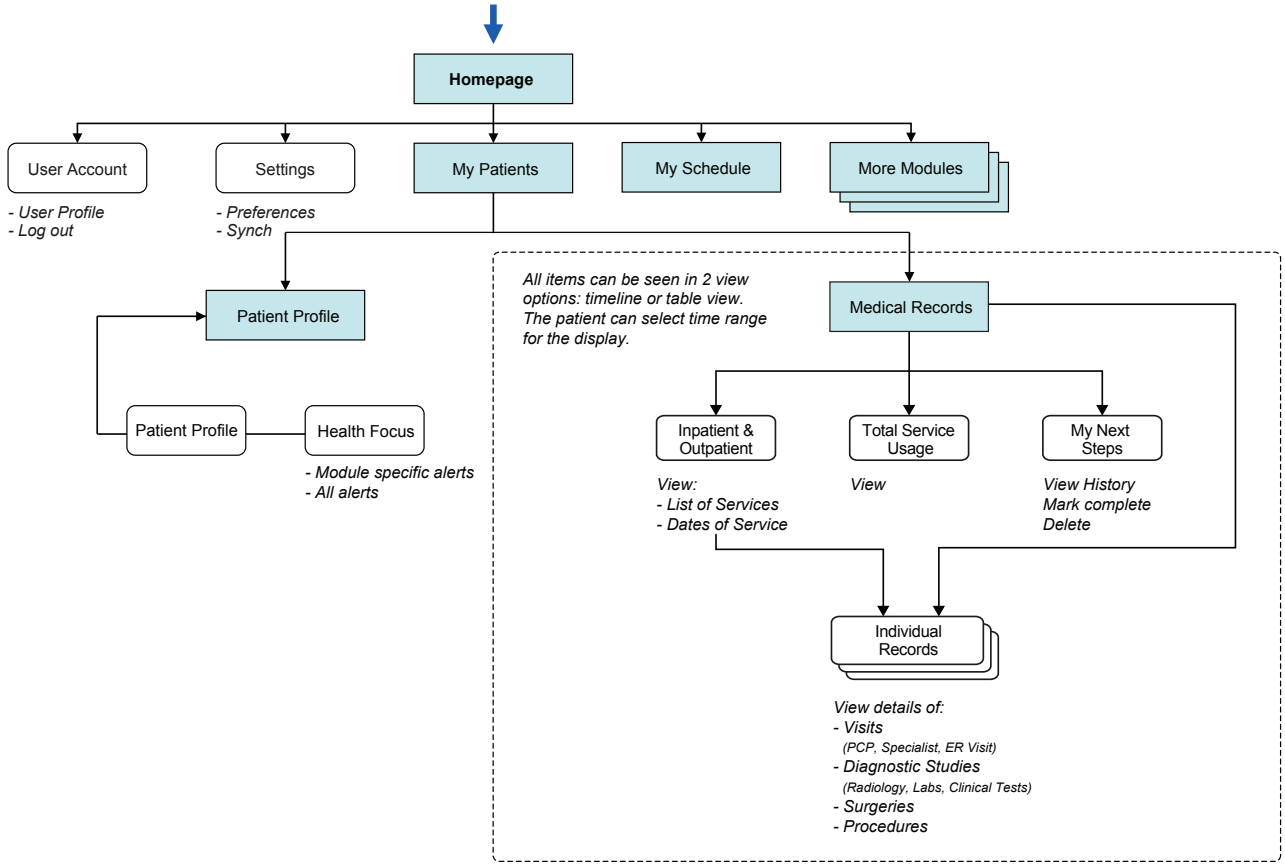
FLOWCHART FOR MEDICAL RECORDS



LEGEND

- Gateway to the site
- Relationships between pages and/or components
- Page
- Page components
- Groups of related pages

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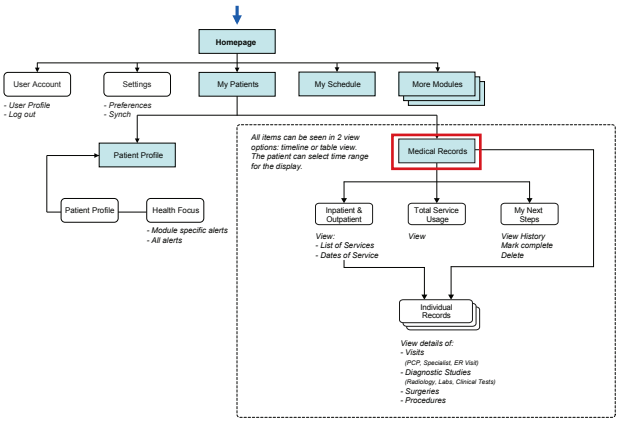
MEDICAL RECORDS: TIMELINE VIEW

This is the landing screen for the *Medical Records* module.

There are two different kinds of content displays: timeline/graph and table. The user can choose the desired display kind from the two icons at the menu bar above the timeline (right side). The default display mode is timeline/graph. The screen consists of timeline and its controls, *Total Service Usage* indicating how many visit and services which the user has had.

The timeline includes two categories of medical services: Inpatient and Outpatient. There are four sub-categories per service type: *Visits* (e.g., PCP, Specialist, and ER), Diagnostic Studies (e.g., radiology, labs, clinical tests), *Surgeries*, and *Procedures*.



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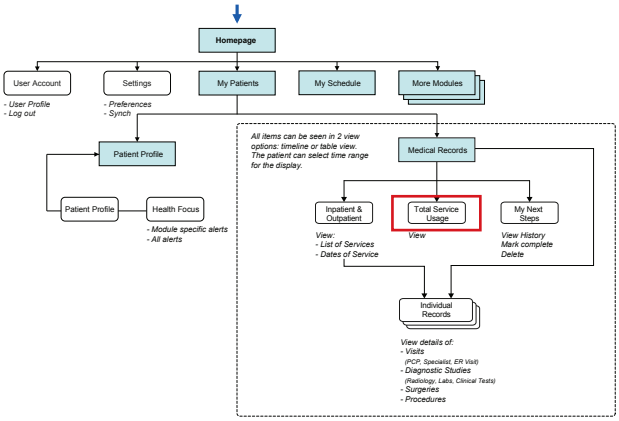
MEDICAL RECORDS: TIMELINE VIEW

The *Patient's Profile* and *Health Focus* are minimized. *My Next Steps* reminding the user of what the provider recommended to do and follow up.



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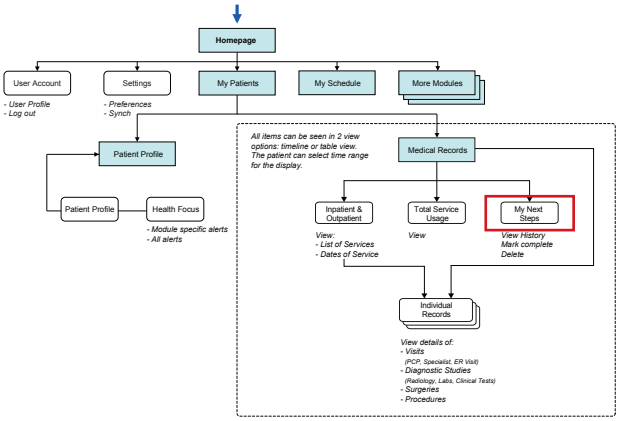
MEDICAL RECORDS: HISTORY

The user can access to the entire list of next steps entered by providers via "History" link. The user can filter items by the provider's name as well as time range.



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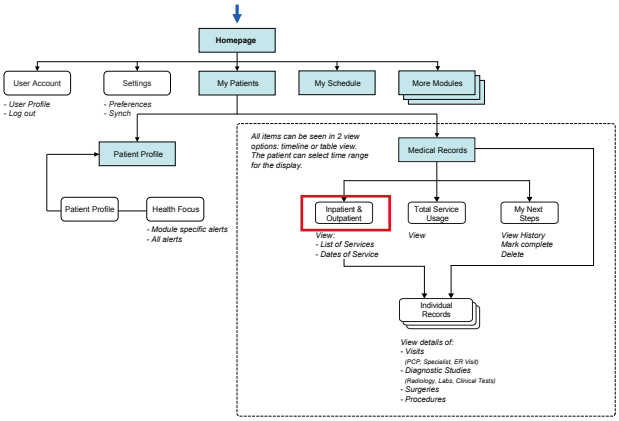
MEDICAL RECORDS: TIMELINE VIEW (LINE COLLAPSE)

The user can collapse and expand each service group at the left column of the timeline. The user clicks an arrow icon.



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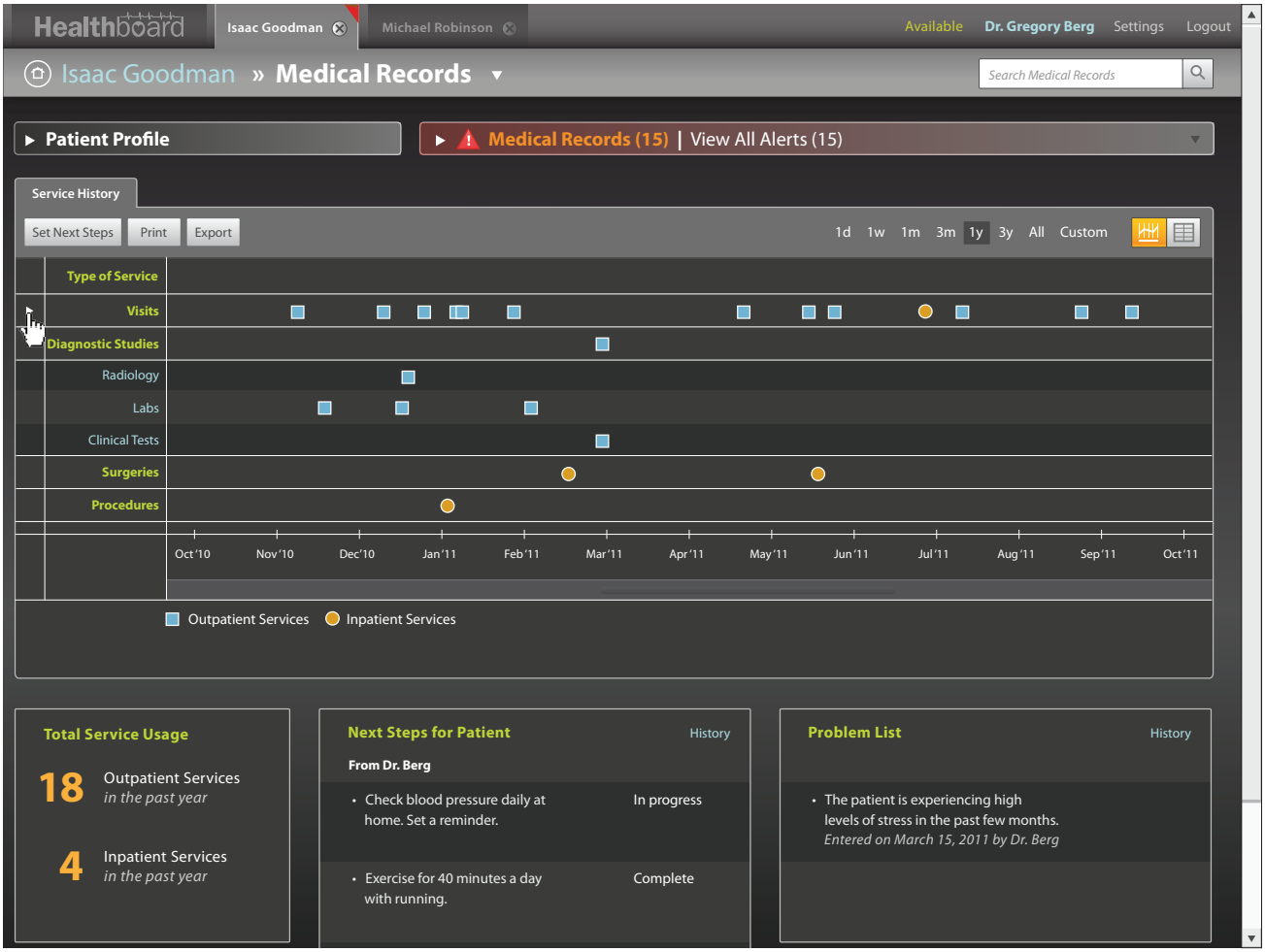
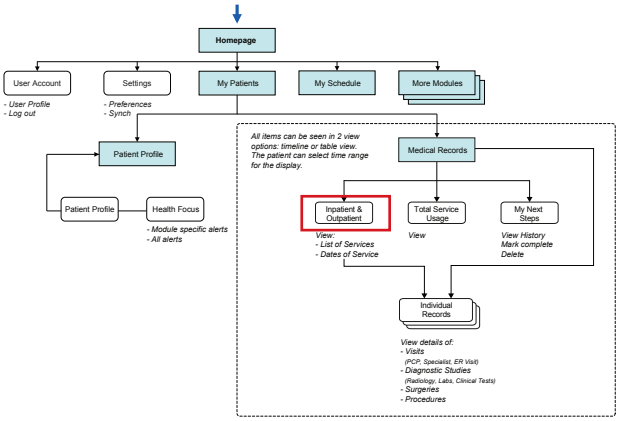
MEDICAL RECORDS: TIMELINE VIEW (LINE COLLAPSE)



The *Visits* service group is collapsed. The user can click the arrow icon again to expand.



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MEDICAL RECORDS: NEXT STEPS FOR PATIENT

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medical Records

Search Medical Records

Patient Profile | Medical Records (15) | View All Alerts (15)

Service History

Set Next Steps | Print | Export | 1d 1w 1m 3m 1y 3y All Custom

Type of Service
Visits
Diagnostic Studies
Radiology
Labs
Clinical Tests
Surgeries
Procedures

Oct'10 Nov'10 Dec'10 Jan'11 Feb'11 Mar'11 Apr'11 May'11 Jun'11 Jul'11 Aug'11 Sep'11 Oct'11

Outpatient Services | Inpatient Services

Total Service Usage

18 Outpatient Services *in the past year*

4 Inpatient Services *in the past year*

Next Steps for Patient History

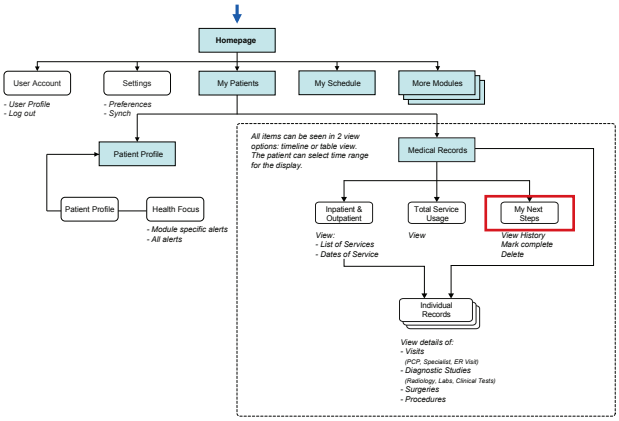
From Dr. Berg

- Check blood pressure daily at home. Set a reminder. In progress
  Next step in progress since February 14, 2011
- Exercise for 40 minutes a day with running. Complete

Problem List History

- The patient is experiencing high levels of stress in the past few months.
  Entered on March 15, 2011 by Dr. Berg

In progress actions are next steps that have not been completed or removed by the patient. When hover, a tooltip appears showing a short description of the status.



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MEDICAL RECORDS: NEXT STEPS FOR PATIENT (CONTINUED)

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medical Records

Search Medical Records

Patient Profile | Medical Records (15) | View All Alerts (15)

Service History

Set Next Steps | Print | Export | 1d 1w 1m 3m 1y 3y All Custom

Type of Service
Visits
Diagnostic Studies
Radiology
Labs
Clinical Tests
Surgeries
Procedures

Oct'10 Nov'10 Dec'10 Jan'11 Feb'11 Mar'11 Apr'11 May'11 Jun'11 Jul'11 Aug'11 Sep'11 Oct'11

Outpatient Services | Inpatient Services

Total Service Usage

18 Outpatient Services *in the past year*

4 Inpatient Services *in the past year*

Next Steps for Patient History

From Dr. Berg

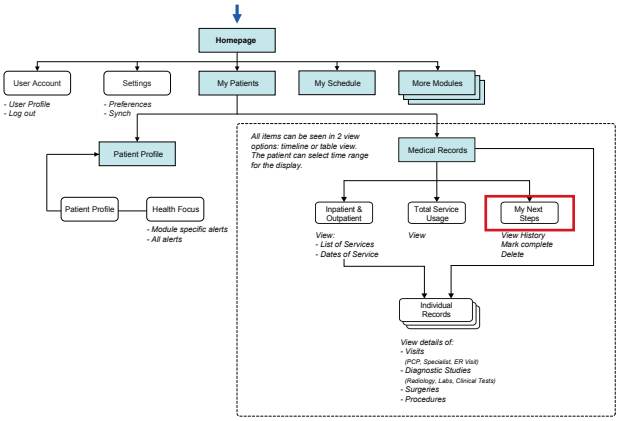
- Check blood pressure daily at home. Set a reminder. — In progress
- Exercise for 40 minutes a day with running. — Complete

Click to cancel next step

Problem List History

- The patient is experiencing high levels of stress in the past few months. *Entered on March 15, 2011 by Dr. Berg*

The user can choose to acknowledge the actions marked as by the patient. In this case, the provider can cancel a next step by clicking the "x" icon.



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MEDICAL RECORDS: NEXT STEPS FOR PATIENT (CONTINUED)

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medical Records

Search Medical Records

Patient Profile | Medical Records (15) | View All Alerts (15)

Service History

Set Next Steps | Print | Export | 1d 1w 1m 3m 1y 3y All Custom

Type of Service: Visits, Diagnostic Studies, Radiology, Labs, Clinical Tests, Surgeries, Procedures

Oct'10 Nov'10 Dec'10 Jan'11 Feb'11 Mar'11 Apr'11 May'11 Jun'11 Jul'11 Aug'11 Sep'11 Oct'11

Outpatient Services | Inpatient Services

Total Service Usage

18 Outpatient Services *in the past year*

4 Inpatient Services *in the past year*

Next Steps for Patient History

From Dr. Berg

- Check blood pressure daily at home. Set a reminder. — In progress
- Exercise for 40 minutes a day with running. — Complete

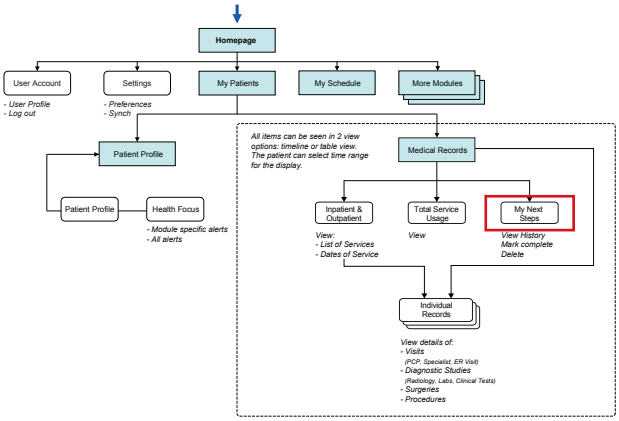
Click to confirm completion

Problem List History

- The patient is experiencing high levels of stress in the past few months. *Entered on March 15, 2011 by Dr. Berg*

The user can choose to acknowledge the actions marked as by the patient. In this case, the provider can acknowledge a completed action by the patient by clicking the check-mark icon. Though the item will be removed from *Next Steps* for Patient, the user will still be able view the record through the "History" link.

If the status of a *Next Step* is *Removed*, it means that the patient has removed the action. When hover, a short description for the status appears.



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MEDICAL RECORDS: NEXT STEPS FOR PATIENT (CONTINUED)

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medical Records

Search Medical Records

Patient Profile | Medical Records (15) | View All Alerts (15)

Service History

Set Next Steps | Print | Export | 1d 1w 1m 3m 1y 3y All Custom

Type of Service: Visits, Diagnostic Studies, Radiology, Labs, Clinical Tests, Surgeries, Procedures

Oct'10 Nov'10 Dec'10 Jan'11 Feb'11 Mar'11 Apr'11 May'11 Jun'11 Jul'11 Aug'11 Sep'11 Oct'11

Outpatient Services | Inpatient Services

Total Service Usage

18 Outpatient Services *in the past year*

4 Inpatient Services *in the past year*

Next Steps for Patient History

From Dr. Berg

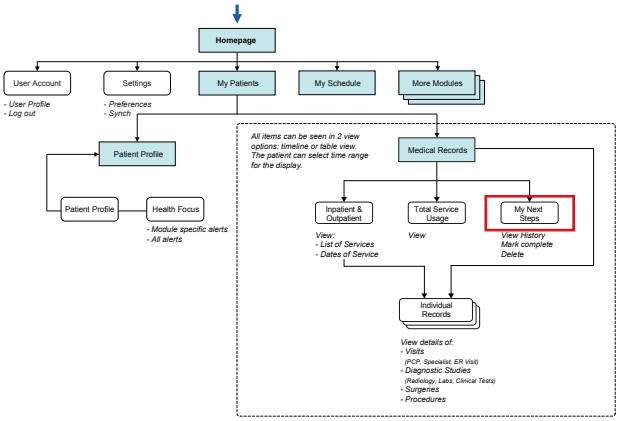
- Check blood pressure daily at home. Set a reminder. — In progress
- Exercise for 40 minutes a day with running. — Removed

Removed by patient on February 2, 2011

Problem List History

- The patient is experiencing high levels of stress in the past few months. *Entered on March 15, 2011 by Dr. Berg*

The *Removed* action has been acknowledged and cleared from the *Next Steps for Patient*. Again, though the item will be removed from *Next Steps for Patient*, the user will still be able view the record in *Next Steps History*.



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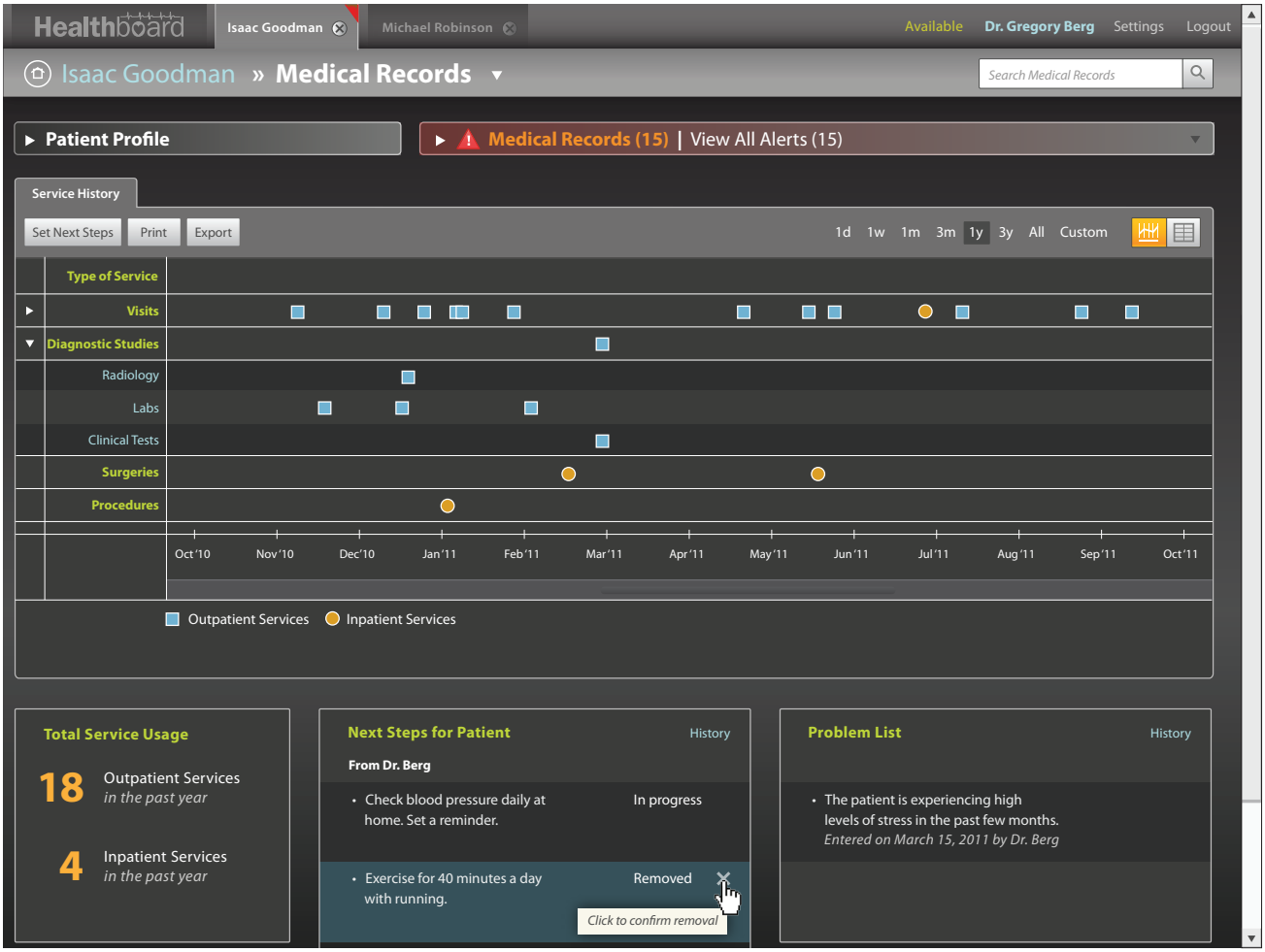
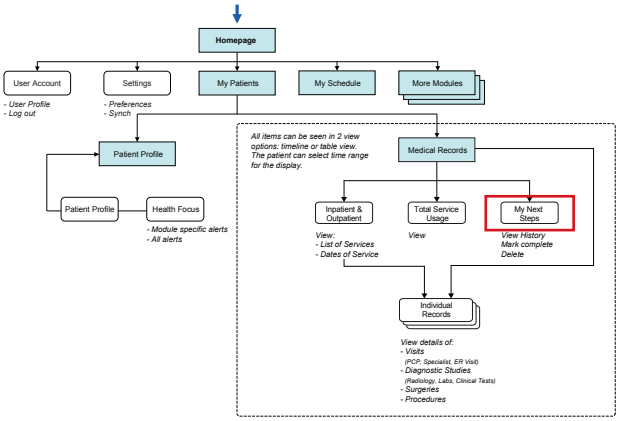
MEDICAL RECORDS: NEXT STEPS FOR PATIENT (CONTINUED)



The provider can remove a *Removed* item off of the list by clicking the "x." Though the item will be removed from *Next Steps* for Patient, the user will still be able view the record through the "History" link.



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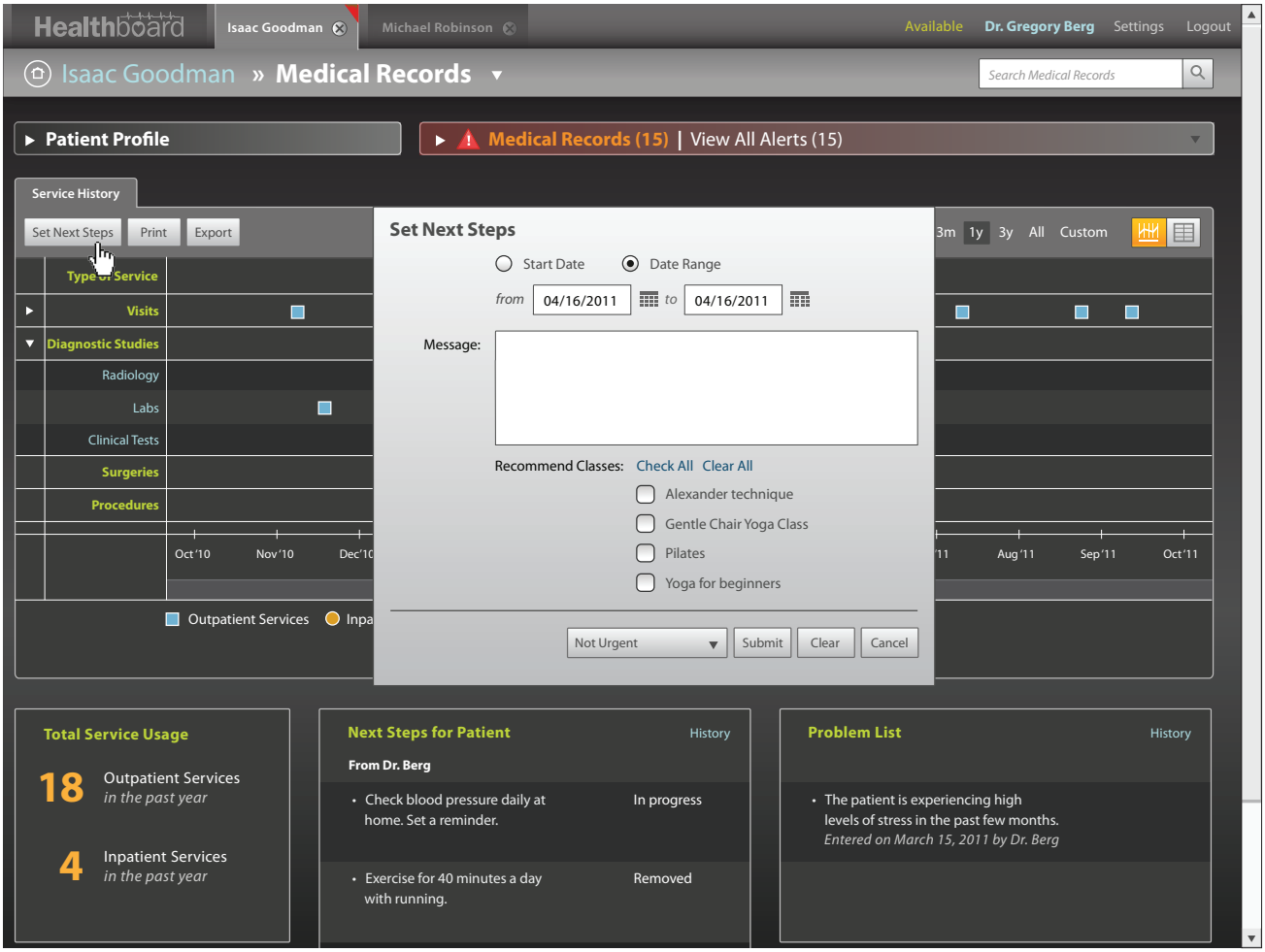
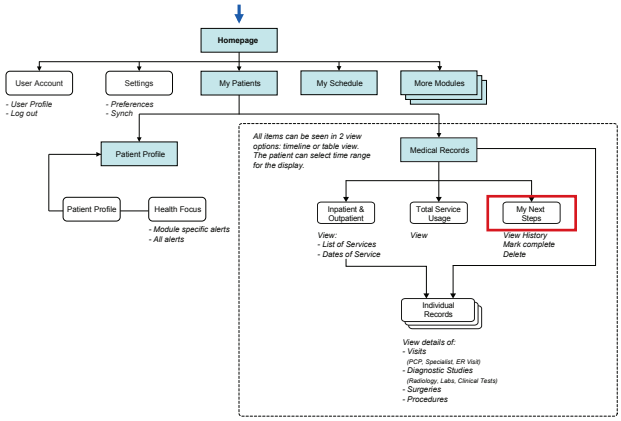
MEDICAL RECORDS: SET NEXT STEPS



The user can set *Next Steps* for patient by clicking the "Set Next Steps" button. A popup window appears giving options for the user to set a single start date or a date range, enter a message for the patient, and select a recommended class. The list of classes and workshops are automatically generated based on the facility's offerings.



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MEDICAL RECORDS: SET NEXT STEPS (CONTINUED)

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medical Records

Search Medical Records

Patient Profile | Medical Records (15) | View All Alerts (15)

Service History

Set Next Steps | Print | Export

3m 1y 3y All Custom

Type of Service
Visits
Diagnostic Studies
Radiology
Labs
Clinical Tests
Surgeries
Procedures

Oct '10 Nov '10 Dec '10 ... Aug '11 Sep '11 Oct '11

Outpatient Services | Inpa

Set Next Steps

Start Date | Date Range

04/16/2011

Message:

Recommend Classes: Check All Clear All

- Alexander technique
- Gentle Chair Yoga Class
- Pilates
- Yoga for beginners

Not Urgent | Submit | Clear | Cancel

Total Service Usage

18 Outpatient Services *in the past year*

4 Inpatient Services *in the past year*

Next Steps for Patient History

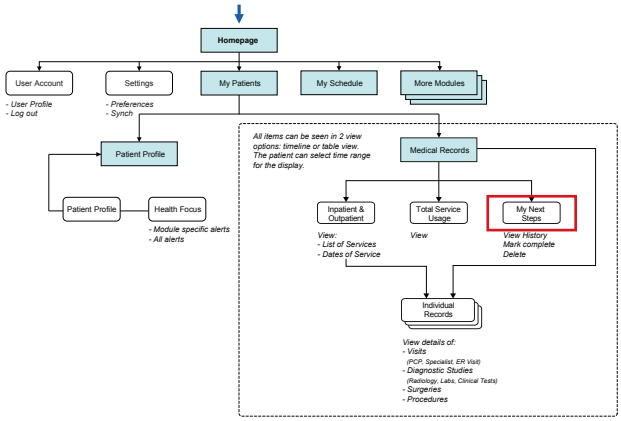
From Dr. Berg

- Check blood pressure daily at home. Set a reminder. In progress

Problem List History

- The patient is experiencing high levels of stress in the past few months. *Entered on March 15, 2011 by Dr. Berg*

The provider can set a single start date by clicking a radio button.



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MEDICAL RECORDS: SET NEXT STEPS (CONTINUED)

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medical Records

Search Medical Records

Patient Profile | Medical Records (15) | View All Alerts (15)

Service History

Set Next Steps | Print | Export

3m 1y 3y All Custom

Type of Service
Visits
Diagnostic Studies
Radiology
Labs
Clinical Tests
Surgeries
Procedures

Oct '10 Nov '10 Dec '10 ... Aug '11 Sep '11 Oct '11

Outpatient Services | Inpa

Set Next Steps

Start Date | Date Range

04/16/2011

Message: Start the Physical Rehabilitation regimen we spoke about. Our Gentle Chair Yoga class would be beneficial if you find the time.

Recommend Classes: Check All Clear All

- [ ] Alexander technique
- [x] Gentle Chair Yoga Class
- [ ] Pilates
- [ ] Yoga for beginners

Very Urgent | Submit | Clear | Cancel

Total Service Usage

18 Outpatient Services *in the past year*

4 Inpatient Services *in the past year*

Next Steps for Patient History

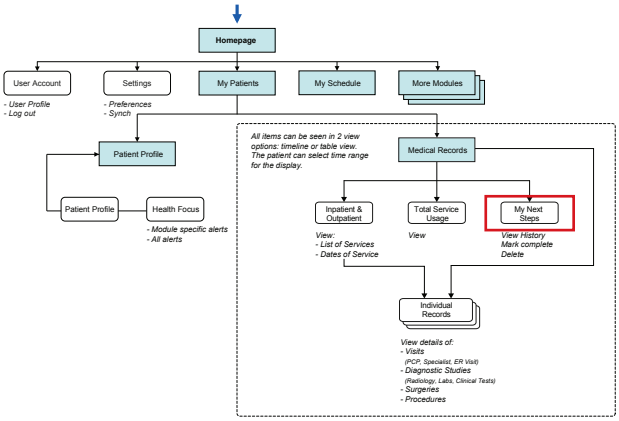
From Dr. Berg

- Check blood pressure daily at home. Set a reminder. — In progress

Problem List History

- The patient is experiencing high levels of stress in the past few months. *Entered on March 15, 2011 by Dr. Berg*

The user can recommend classes and set the urgency level for *Next Steps*. The user clicks "Submit" button.



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MEDICAL RECORDS: NEW NEXT STEP

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medical Records

Search Medical Records

Patient Profile

Medical Records (15) | View All Alerts (15)

Service History

Set Next Steps | Print | Export

1d 1w 1m 3m 1y 3y All Custom

Type of Service
Visits
Diagnostic Studies
Radiology
Labs
Clinical Tests
Surgeries
Procedures

Oct'10 Nov'10 Dec'10 Jan'11 Feb'11 Mar'11 Apr'11 May'11 Jun'11 Jul'11 Aug'11 Sep'11 Oct'11

Outpatient Services Inpatient Services

Total Service Usage

18 Outpatient Services *in the past year*

4 Inpatient Services *in the past year*

Next Steps for Patient History

From Dr. Berg

Start the Physical Rehabilitation regimen we spoke about. Our Gentle Chair Yoga class would be beneficial if you find the time. In progress

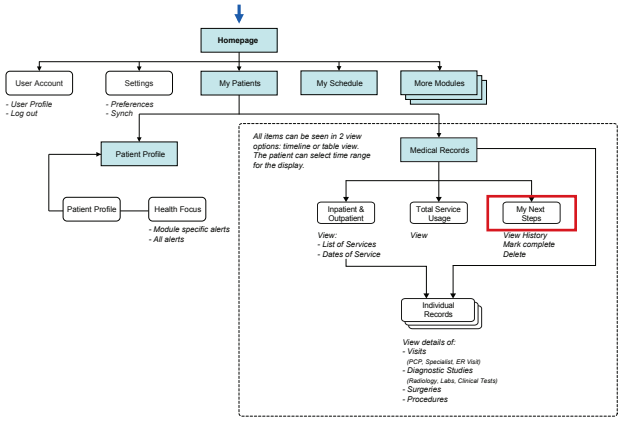
Class recommendation: Gentle Chair Yoga

• Exercise for 40 minutes a day with running. In progress

Problem List History

• The patient is experiencing high levels of stress in the past few months.
Entered on March 15, 2011 by Dr. Berg

Next Steps for Patient is updated.



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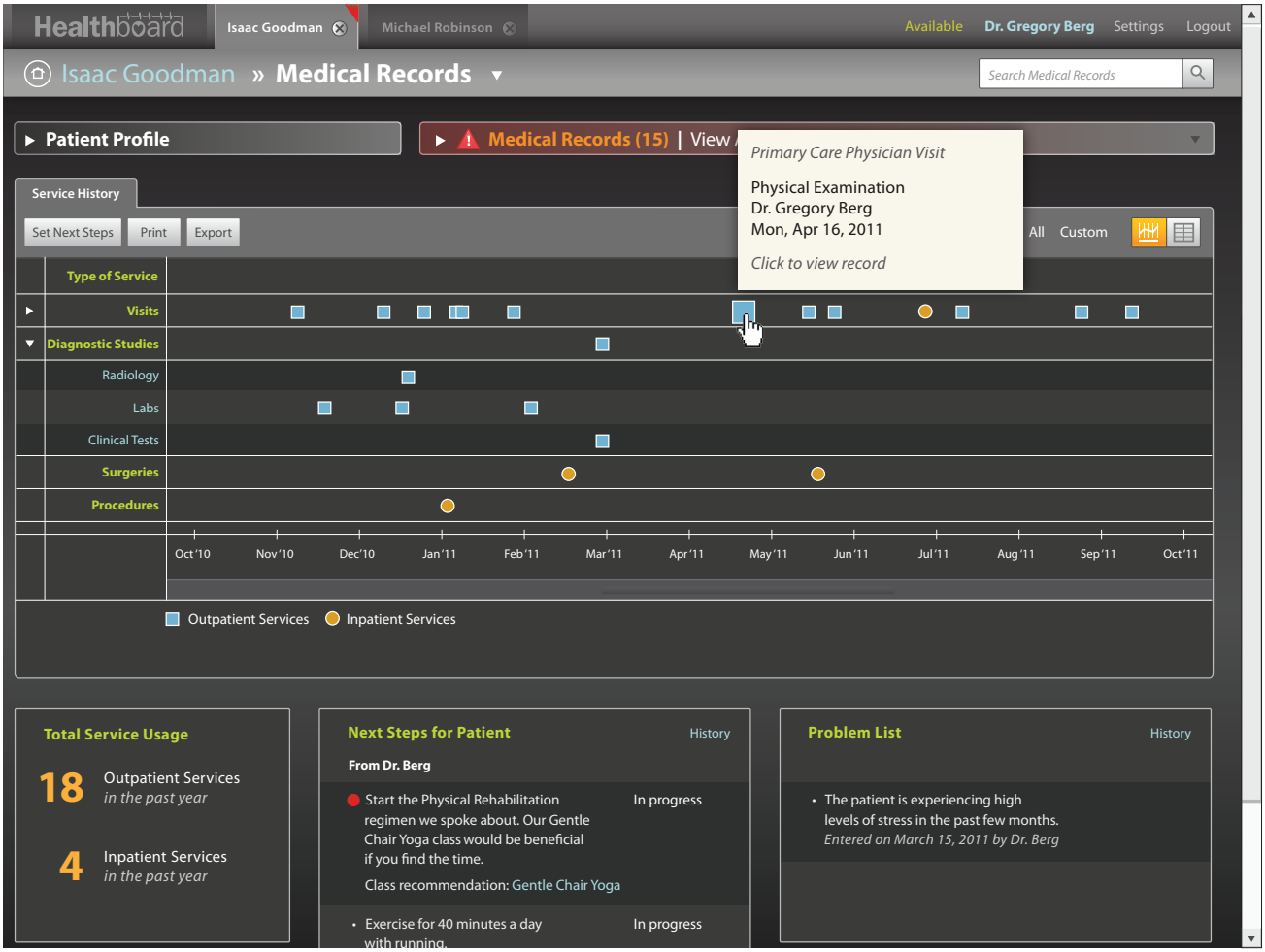
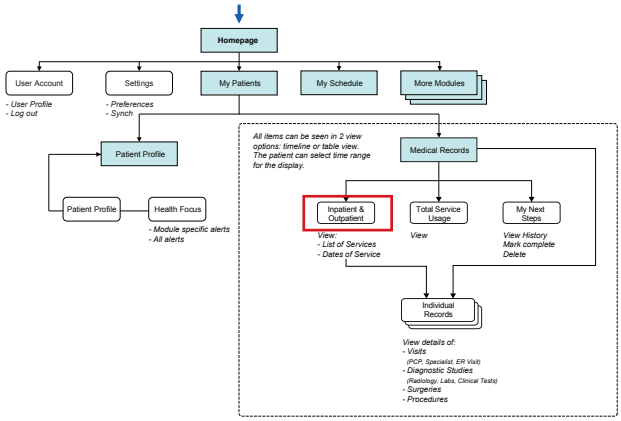
MEDICAL RECORDS: VIEW TOOLTIP



There is a tooltip with detail information available for each node on the timeline as the user hovers. The user can access service details by clicking on the node.



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MEDICAL RECORDS: VIEW COMMENT

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medical Records

Search Medical Records

Patient Profile | Medical Records (15) | View All Alerts (15)

Service History | Apr 16, 2011 – Physical Examination

Set Next Steps | Print | Export

Visit Details

Provider Dr. Gregory Berg, Team 1

Date Mon, April 16, 2011
Time 0830 – 1130 hrs

Type Primary Care Physician Visit
Reason for Visit Physical Examination
Classification Outpatient

Phone (999) 999-9999
Address The New York Clinic
99 Main St.
New York, NY 11111

Source AHLTA
Mon, April 16, 2011

Next Steps

- Start the Physical Rehabilitation regimen we spoke about. Our Gentle Chair Yoga class would be beneficial if you find the time.
  Recommendation: Gentle Chair Yoga Class
- Check blood pressure daily.
  Recommendation: Set a Reminder

Visit Summary

History of Present Illness

The patient is a 47 y.o. male.

He reported: No fever and no chills.
No earache, No nasal discharge and no sore throat.
No cough and not coughing up sputum.
No myalgias.

Past Medical History

Ut enim ad minim veniam, quis nostrud exercitation ullam.
laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit.
Voluptate velit esse cillum dolore eu fugiat nulla pariatur.
Quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea comoconsequat.
Duis aut irure dolor in reprehenvoluptate velit esse cillum dolore eu fugiat.

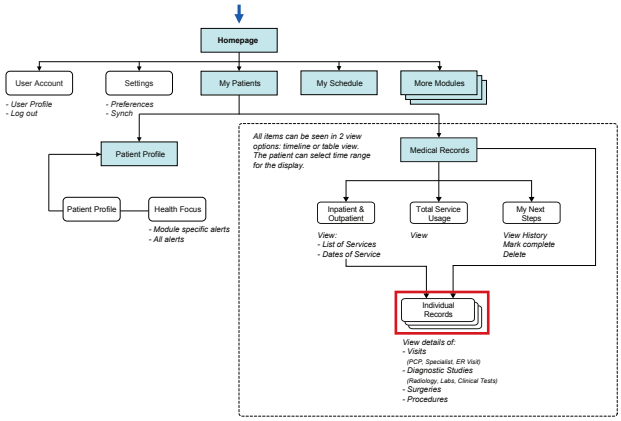
Review of Systems

Quis nostrud exercitation ullamco laboris nisi ut aliquip ex.
Duis aut irure dolor in reprehenvoluptate velit esse cillum dolore eu fugiat.
Ut enim ad minim veniam, quis nostrud exercitation ullam.
laboris nisi ut aliquip ex ea comoconsequat.
Voluptate velit esse cillum dolore eu fugiat.

Physical Examination

Ut enim ad minim veniam, quis nostrud exercitation ullam.
laboris nisi ut aliquip ex ea comoconsequat. Duis aute irure dolor in reprehenderit.
Voluptate velit esse cillum dolore eu fugiat nulla pariatur.

This detail view of the selected service presents *Visits Details*, *Visit Summary*, and *Next Steps*.



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MEDICAL RECORDS: VIEW COMMENT

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medical Records

Search Medical Records

Patient Profile | Medical Records (15) | View All Alerts (15)

Service History | Apr 16, 2011 – Chem. 17

Set Next Steps | Print | Export

Lab Details

Ordered by Dr. Gregory Berg, Team 1

Collection Date Mon, April 16, 2011
Order Date Tues, April 17, 2011

Type Lab
Lab Name Chem. 17

Phone (999) 999-9999
Address The New York Clinic
99 Main St.
New York, NY 11111

Source AHLTA
Mon, April 16, 2011

Next Steps

Chem. 17 Results

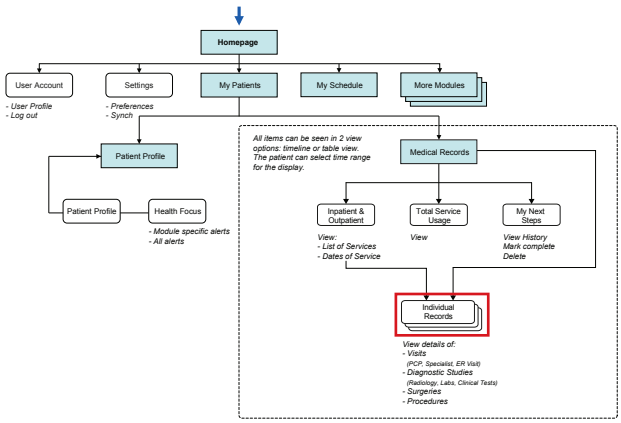
Result Name	Site/Specimen	Result	Units	Comments
Albumin	Serum	4.4	g/dl	
Alk Phos	Serum	88	IU/l	
Anion Gap	Serum	19		
AST	Serum	28	IU/l	
Bilirubin	Serum	1.1	MG/DL	
Calcium	Serum	10.1	MG/DL	
Chloride	Serum	98	mmol/l	
CO2	Serum	28	mmol/l	
Creatinine, Serum/plasma	Serum	1.1	MG/DL	
GGT	Serum	80	IU/l	
Glucose	Serum	210	MG/DL	Your glucose level has increased since... »
LCH	Serum	600	IU/l	
Phosphate	Serum	4.6	MG/DL	
Potassium	Serum	4.7	mmol/l	

Comments

Dr. Gregory Berg Today at 3:45 PM

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex

If service type is not a visit, the system automatically displays information as an appropriate format. For services like lab service, it displays relevant content for lab visits such as *Lab Details*, *Results*, *Comments*, etc.



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MEDICAL RECORDS: VIEW COMMENT

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medical Records

Search Medical Records

Patient Profile | Medical Records (15) | View All Alerts (15)

Service History | May 6, 2011 – Diagnostic Studies

Print | Export

Diagnostic Studies Details

Ordered by Dr. Gregory Berg, Team 1
Interpreted by Dr. Sam Huntsman, Team 1

Date Fri, May 6, 2011
Time 0830 – 1130 hrs

Type Radiology
Classification Outpatient
Reason for Visit Magnetic Resonance Imaging (MRI)

Phone (999) 999-9999
Addresss The New York Clinic
99 Main St.
New York, NY 11111

Next Steps

Attached Images

Radiology Report

PREPROCEDURE DIAGNOSIS: Physical examination of leg and back.

POSTPROCEDURE DIAGNOSES:
(1) L5 nerve impingement from a herniated disc is observed.
(2) This is causing weakness in the ankle.
(3) This is also causing the pain may also radiate into the buttock.

PROCEDURE PERFORMED: Magnetic Resonance Imaging (MRI).

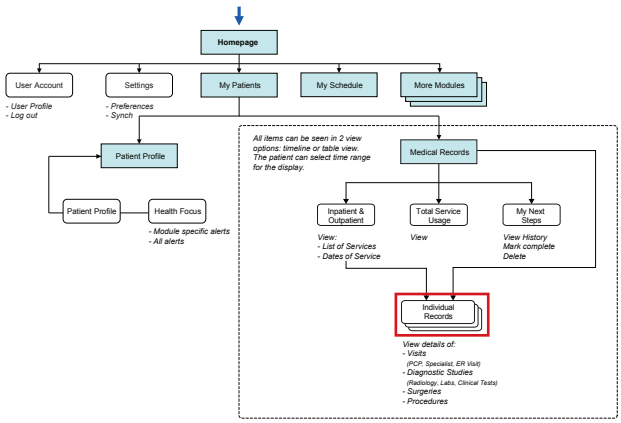
ENDOSCOPIST: Michael Jones, M.D.

ASSISTANT: Jane Doe, L.P.N.

REFERRING PHYSICIAN: George Washington, M.D.

ANESTHESIA: Demerol 25 mg IV push, Versed 2 mg IV push.

For services like radiology; it displays relevant content for radiology visits such as *Procedure Details*, *Images*, *Reports*, etc.



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MEDICAL RECORDS: VIEW COMMENT

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medical Records

Search Medical Records

Patient Profile | Medical Records (15) | View All Alerts (15)

Service History

Set Next Steps | Print | Export | 1d 1w 1m 3m 1y 3y All Custom

Date of Service	Type of Service	Reason for Visit	Provider	Classification	Next Steps	Additional Document
Nov 20, 2011, 1000 hrs	PCP Visit	Physican Examination	Dr. Berg	Outpatient	Lorem ipsum dolor sit amet, …	
Nov 19, 2011, 0700 hrs	Specialist Visit	Consultation	Dr. Hammond	Outpatient	Lorem ipsum dolor sit amet, …	
Nov 18, 2011, 1000 hrs	Lab	Chem. 7	Dr. Rothstein			
Nov 17, 2011, 0700 hrs	Radiology Service	MRI	Dr. Berg	Outpatient		
Nov 16, 2011, 1145 hrs	Test	Cardiac Stress Test	Dr. Hammond	Outpatient		
Nov 16, 2011, 0830 hrs	Surgery	Appendectomy	Dr. Berg	Inpatient		
Oct 22, 2011, 0945 hrs	Procedure	Colonscopy	Dr. Berg	Outpatient	Lorem ipsum dolor sit amet, …	Available
Oct 12, 2011, 1000 hrs	PCP Visit	Physican Examination	Dr. Berg	Outpatient	Lorem ipsum dolor sit amet, …	
Oct 06, 2011, 0700 hrs	Specialist Visit	Consultation	Dr. Hammond	Outpatient	Lorem ipsum dolor sit amet, …	
Sept 18, 2011, 1000 hrs	Lab	Chem. 7	Dr. Rothstein			
Aug 17, 2011, 0700 hrs	Radiology Service	MRI	Dr. Berg	Outpatient		
Feb 16, 2011, 1145 hrs	Test	Cardiac Stress Test	Dr. Hammond	Outpatient		
Dec 16, 2010, 0830 hrs	Surgery	Appendectomy	Dr. Berg	Inpatient	Lorem ipsum dolor sit amet, …	
Dec 15, 2010, 0945 hrs	Procedure	Colonscopy	Dr. Berg	Outpatient		
Nov 16, 2010, 1145 hrs	Test	Cardiac Stress Test	Dr. Hammond	Outpatient		
Nov 16, 2010, 0830 hrs	Surgery	Appendectomy	Dr. Berg	Inpatient		
Oct 22, 2010, 0945 hrs	Procedure	Colonscopy	Dr. Berg	Outpatient		

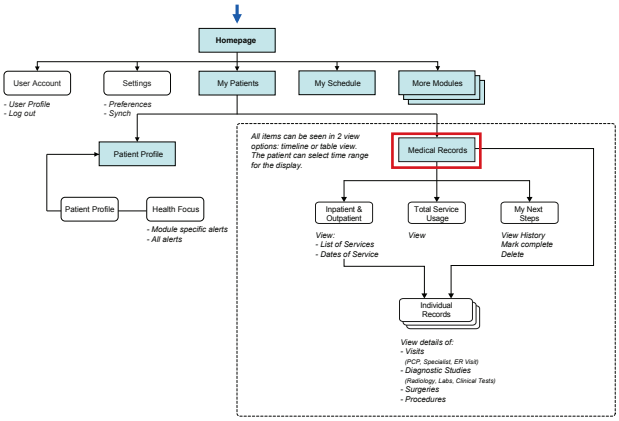
Total Service Usage

Next Steps for Patient | History

From Dr. Berg

Problem List | History

The user can switch to see the table view of the module.



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MEDICAL RECORDS: SEARCH MEDICAL RECORDS

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medical Records

Berg

Patient Profile | Medical Records (15) | View All Alerts (15)

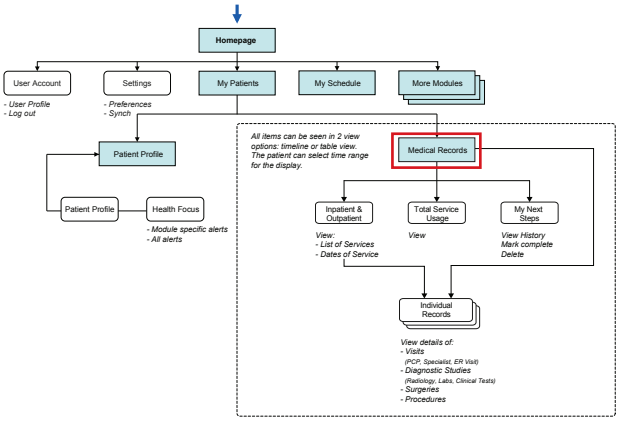
Service History

Set Next Steps | Print | Export | 1d 1w 1m 3m 1y 3y All Custom

Date of Service	Type of Service	Reason for Visit	Provider	Classification	Next Steps	Additional Document
Nov 20, 2011, 1000 hrs	PCP Visit	Physican Examination	Dr. Berg	Outpatient	Lorem ipsum dolor sit amet, …	
Nov 17, 2011, 0700 hrs	Radiology Service	MRI	Dr. Berg	Outpatient		
Nov 16, 2011, 0830 hrs	Surgery	Appendectomy	Dr. Berg	Inpatient		
Oct 22, 2011, 0945 hrs	Procedure	Colonscopy	Dr. Berg	Outpatient	Lorem ipsum dolor sit amet, …	
Oct 12, 2011, 1000 hrs	PCP Visit	Physican Examination	Dr. Berg	Outpatient	Lorem ipsum dolor sit amet, …	
Aug 17, 2011, 0700 hrs	Radiology Service	MRI	Dr. Berg	Outpatient		
Dec 16, 2010, 0830 hrs	Surgery	Appendectomy	Dr. Berg	Inpatient	Lorem ipsum dolor sit amet, …	
Dec 15, 2010, 0945 hrs	Procedure	Colonscopy	Dr. Berg	Outpatient		
Nov 16, 2010, 0830 hrs	Surgery	Appendectomy	Dr. Berg	Inpatient		
Oct 22, 2010, 0945 hrs	Procedure	Colonscopy	Dr. Berg	Outpatient		

Total Service Usage | Next Steps for Patient (From Dr. Berg) | History | Problem List | History

The user can conduct search within the *Medical Records* module. The user wishes to see the list patient's encounters with Dr. Berg. The user types "Berg" in the search bar. The *Service History* updates and shows the list of encounters with Dr. Berg.



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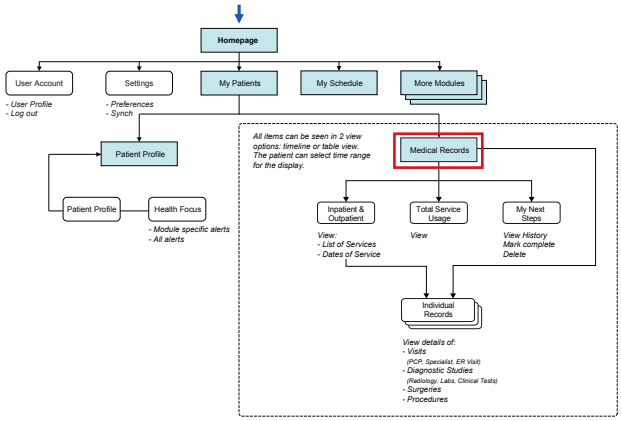
MEDICAL RECORDS: EXPORT

The user has an option to export the patient's medical records by clicking the "Export" button in the top menu bar. The user will be prompted with format options for export. The user selects to export the medical records as a PDF file. The user clicks the "Export" button.



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MEDICAL RECORDS: EXPORT

Healthboard | Isaac Goodman | Michael Robinson | Available | Isaac Goodman | Settings | Logout

Isaac Goodman » Medical Records

Berg

Patient Profile | Medical Records (15) | View All Alerts (15)

Service History

Set Next Steps | Print | Export | 1d 1w 1m 3m 1y 3y All Custom

Date of Service	Type of Service	Reason for Visit	Provider	Classification	Next Steps	Additional Document
Nov 20, 2011, 1000 hrs	PCP Visit	Physican Examination	Dr. Berg	Outpatient	Lorem ipsum dolor sit amet, …	
Nov 19, 2011, 0700 hrs	Specialist Visit	Consultation	Dr. Hammond	Outpatient	Lorem ipsum dolor sit amet, …	
Nov 18, 2011, 1000 hrs	Lab	Chem. 7	Dr. Rothstein			
Nov 17, 2011, 0700 hrs	Radiology Service	M				
Nov 16, 2011, 1145 hrs	Test	C				
Nov 16, 2011, 0830 hrs	Surgery	A				
Oct 22, 2011, 0945 hrs	Procedure	C			ipsum dolor sit amet, …	Available
Oct 12, 2011, 1000 hrs	PCP Visit	P			ipsum dolor sit amet, …	
Oct 06, 2011, 0700 hrs	Specialist Visit	C			ipsum dolor sit amet, …	
Sept 18, 2011, 1000 hrs	Lab	Chem. 7	Dr. Rothstein			
Aug 17, 2011, 0700 hrs	Radiology Service	MRI	Dr. Berg	Outpatient		
Feb 16, 2011, 1145 hrs	Test	Cardiac Stress Test	Dr. Hammond	Outpatient		
Dec 16, 2010, 0830 hrs	Surgery	Appendectomy	Dr. Berg	Inpatient	Lorem ipsum dolor sit amet, …	
Dec 15, 2010, 0945 hrs	Procedure	Colonscopy	Dr. Berg	Outpatient		
Nov 16, 2010, 1145 hrs	Test	Cardiac Stress Test	Dr. Hammond	Outpatient		
Nov 16, 2010, 0830 hrs	Surgery	Appendectomy	Dr. Berg	Inpatient		
Oct 22, 2010, 0945 hrs	Procedure	Colonscopy	Dr. Berg	Outpatient		

Export Medical Records

Do you want to export your service history?

Name: Isaac Goodman's Medical Service Records from 2010 - 2011
Type: Adobe Acrobat 7.0 Document, 325KB

Export | Cancel

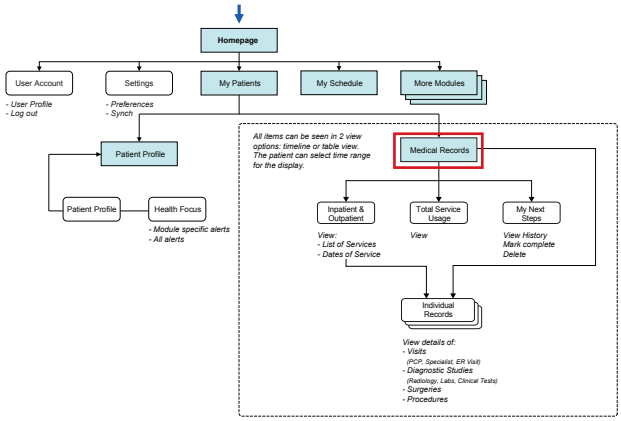
Total Service Usage

Next Steps for Patient | History

From Dr. Berg

Problem List | History

The user has an option to export the patient's medical records by clicking the "Export" button in the top menu bar. The user will be prompted with format options for export. The user selects to export the medical records as a PDF file. The user clicks the "Export" button.



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MEDICAL RECORDS: EXPORT (CONTINUED)

Healthboard

Medical Records

Patient Name: Isaac Goodman
Today's Date: May 25, 2011

Allergies & adverse drug reactions:

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

SERVICE HISTORY FROM 2010 - 2011

1. DR. GREGORY BERG

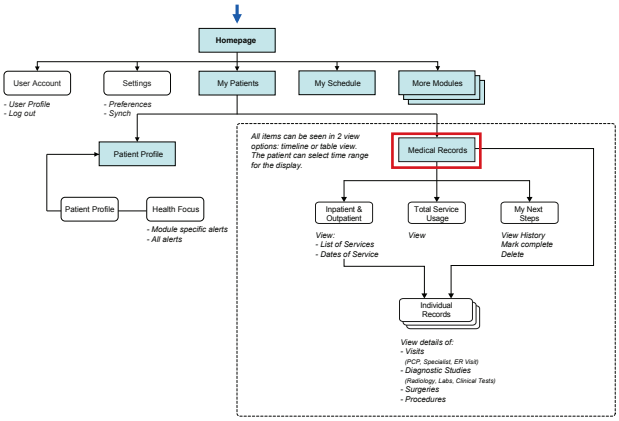
12/12/11 Pt. C/o neck back R hand pain and ha's, Pt. s/p rear-end mva hx of htn, prior mva w/injuries resolved, Pt. 5'9" and 277 lb., Rx: Anaprox, PT, and PT. Disabled from work,

12/19/11 F/u Pt. notes slight improvement, but notes moderate neck and back pain, decrease PT to 3x per week, Pt. remains disabled from work, f/u 2 weeks

01/02/11 F/u, Pt. Feels better, but notes mild to moderate neck and low back pain and intermit tent ha's, continue PT, remain off work x 2 weeks

01/16/11 F/u Pt. Continues to note mild neck, denies radicular sx. Pt. will do hep and discontinue

The user's medical service history is exported.



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Medications

INTRODUCTION This section of the Detailed GUI Volume documents the design of the Provider Portal's *Medications* function set for the Visual Dashboard for a Patient Centered Medical Home (PCMH). The documentation includes both workflow diagrams and visual models: the workflow diagrams detail the user experience and interactions within this module, and the visual models present graphic assets and elements within this module.

The following are high-level objectives for *Medications*:

- To let the provider view both active and previously taken medications of the selected patient including prescription drugs, over-the-counter, supplements, and herbal medicines.
- To display alerts/warnings which the system automatically generates when there occurs overdose, counter-action, high-risk drugs, allergy matches, etc.
- To enable the exchange of information between the provider and patient through "Comments."
- To let the provider receive renewal requests for prescription drugs and take actions such as to approve or disapprove.

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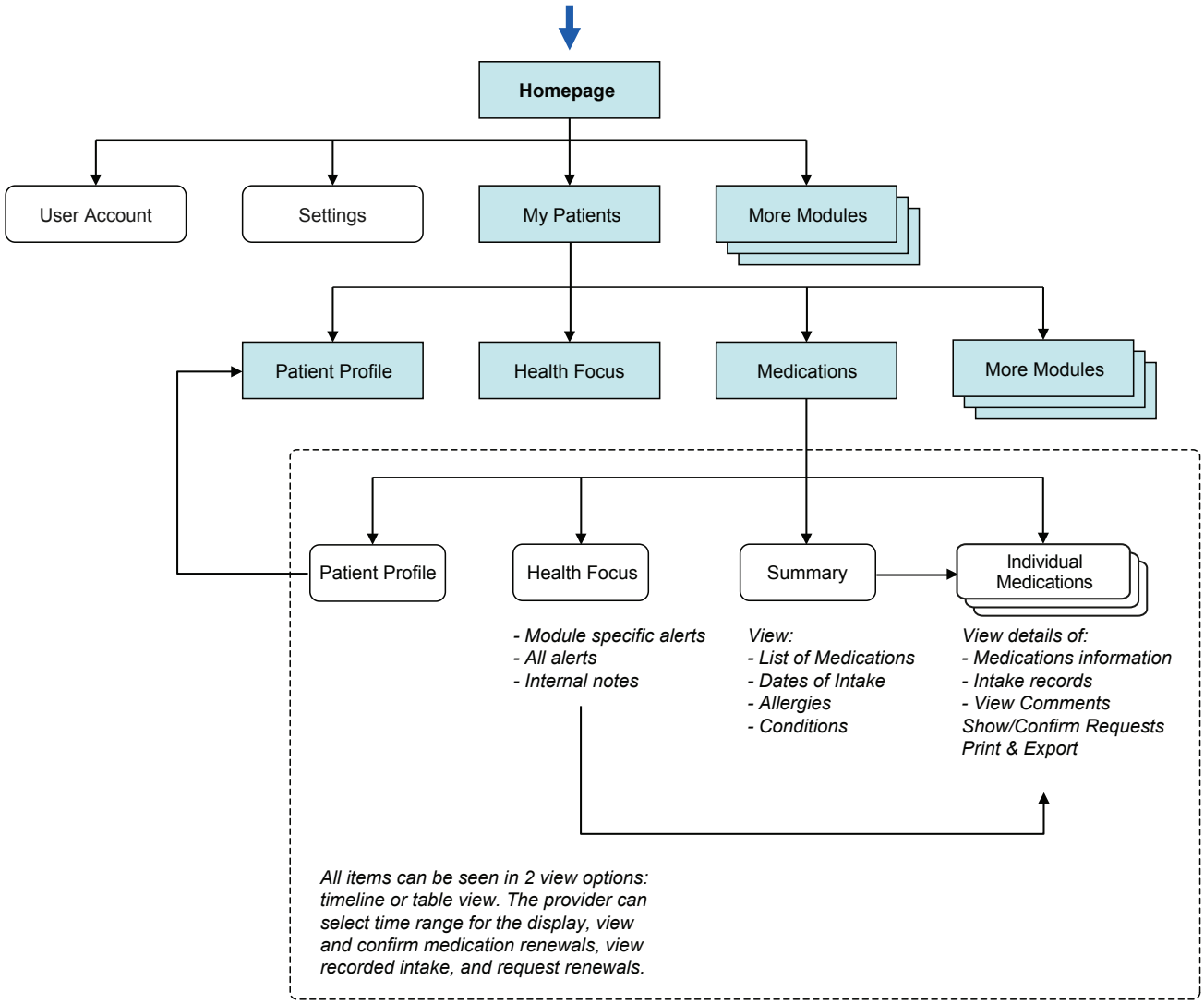
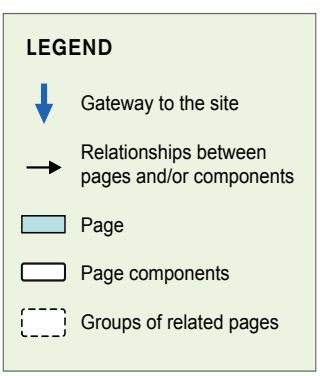
FLOWCHART FOR MEDICATIONS MODULE





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MEDICATIONS: HOMEPAGE

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages (12)

3:45 pm	Isaac Goodman	Chronic pain
2 days ago	Isaac Goodman	Problem sleep...
Apr 21	Front Desk	Persist cough
March 27	Michael Robinson	Del Damar

...plus 8 more messages. View All »

Chat

Patients | Search name

Text | Voice | Video | View History

Team Profile

Team: 1 | Role | Search

1	MD	A	Gregory Berg
1	MD	A	Neil Greenfield
1	MD	A	Michael McKinley
1	RN	U	Angela Tritle
1	RN	A	Amanda Renshaw
1	LPN	U	Nina Totenberg
1	LPN	A	Mark Rowell
1	LPN	A	Robert Massie
1	LPN	A	David Memmott
1	Admin	A	Barb Ferguson
1	Admin	A	Steve Speth
1	Admin	A	Grant Bill

My Patients (8)

Patient Search

Search | Show all patients | Only show patients with notifications

Advanced Search »

dd / mm / year (Date of Birth) | All (Sex) | e.g., Hypertension, laryngitis (Special Health conditions)

There are 8 patients who need your attention. | Only show patients I'm seeing today

Urgency	Last Name	First Name	Sex	DOB	Status
	Goodman	Isaac	Male	01/01/1965	4 immunizations overdue – MMR, Po ...
	Robinson	Michael	Male	04/23/1972	Have kidney disease; check potassium
	Alexander	Edward	Male	10/12/1969	Abnormal weight gain – gained 10 ...
	Lee	Berg	Male	02/24/1958	Need medication renewal for Warfarin
	Chang	Anna W	Female	11/07/1978	Need follow-up for gestational diabetes
	Cloud	John S	Male	05/22/1983	Lab result ready
	Robinson	Lance	Male	07/14/1975	1 immunization due soon – Yellow Fev...
	Wunderlich	Michael	Male	10/17/1987	Need physical exam

Appointments (4) Wed, Oct 12

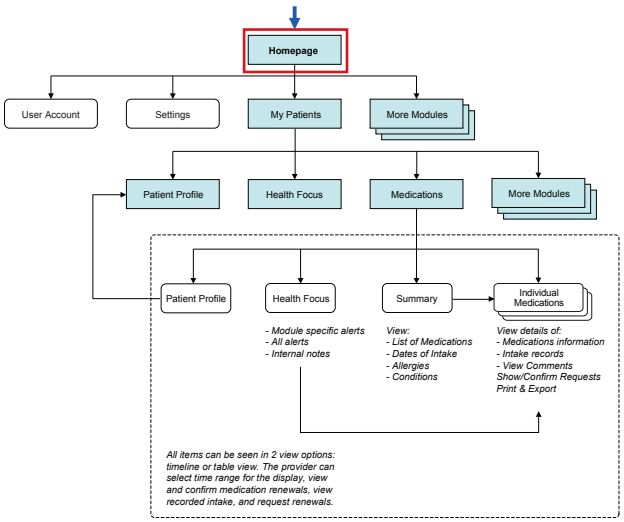
10/12/12 appointment at 1300 with Walter Glover
Physical Examination in Room 304 – Regular check-up
Prerequisite: Diagnostic Studies

0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 »

Gregory Berg, MD
Neil Greenfield, MD
Michael McKinley, MD

Visits | Web Conferences | Telephone Conferences | Others | Pending

The user can select a patient under *My Patients* or go to an already opened patient tab to access *Medications.*



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MEDICATIONS: PATIENT TAB

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman

Patient Profile

Isaac Goodman — Contact this patient »

SSN: 213-55-4232
FMP/Sponsor SSN: 213-55-4232
DOB: 01/01/1965
Age: 46 Years
Sex: Male

Address
Contact
Emergency Contact

Health Focus (15)

Urgency	Time	Type	Alert	Description
●	7:43 PM	Medications	Renewal Request	Lisinopril (Prinivil/Zestril)
●	7:40 PM	Medications	Renewal Request	Coumadin®
●	2 days ago	Medications	Overdose	Acetaminophen (Tylenol ® PM)
●	June 1	Immunizations	Immunization overdue	Polio
●	June 1	Immunizations	Immunization overdue	Tetanus

Patient's Recent Activities

3:45 pm	Message	Chronic pain
Yesterday	Vital Signs	Updated glucose...
Yesterday	Nutrition	Recorded a meal...
Oct 28	Medications	Requested renewal...
Oct 27	Exercise	Updated personal...

...plus 6 more activities. View All »

Medications

	Sun	Mon	Tue	Wed	Thr	Fri	Sat
Lisinopril (Prinivil/Zestril) PO 40mg Tab	☑	☑	☑	☑	☑	☑	☑
HCTZ (Esidrex/Oretic) PO 25mg Tab - Oct 12: Your renewal request was approved.	☑	☑	☑	☑	☑	☑	☑
Warfarin (Coumadin®) PO 5mg Tab	☑	☑	☑	☑	☑	☑	☑
Acetaminophen (Tylenol® PM)		⚠		✓			
Ferrous Sulfate PO 325mg Tab	☑	☑	☑	☑	☑	☑	☑
Lipodrene	☑	☑	☑	☑	☑	☑	☑
Jiang Ya Pian	☑☑☑	☑☑☑	☑☑☑	☑☑☑	☑☑☑	☑☑☑	☑☑☑

Vital Signs

Glucose Level (Last: Oct 19, 2011) — 110 mg/dL

Blood Pressure (Last: Oct 19, 2011) — 138/90 mmHg

Nutrition Wed, Oct 12

Grains, Fruits, Dairy, Vegetables, Protein

Sodium, Sugars, Fats & Oils

1,532 Calories Consumed
-0 Calories Burned

Exercise

Most Recent PRT (Last: Mar 11, 2011)

Overall PRT Score — 61 points Good

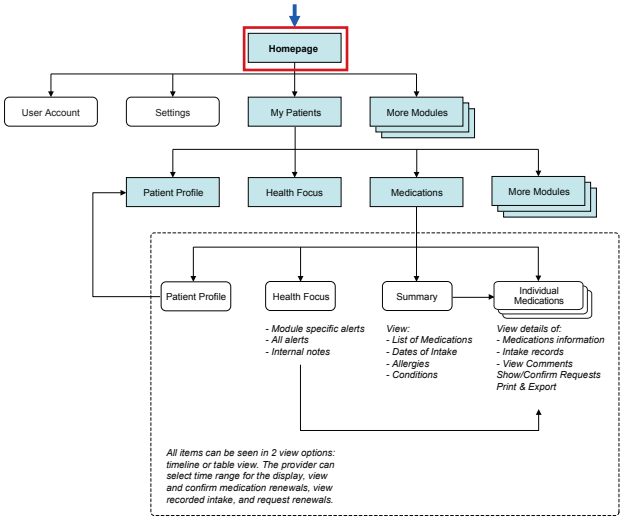
PATIENT: <30, 45, 60, 75, 90

61 points Good

60 points Good

Under the patient tab, the provider can access the *Medications* module.

Filled blocks indicate a medication consumed. The block shape indicates whether the medication was a *Prescription, Over-The-Counter, Supplements,* or *Herbal.* The number of icons per column shows the frequency of the medication. The current day, Wednesday in this example, is highlighted by default.



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MEDICATIONS: SELECT MEDICATIONS

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman

Patient Profile

Isaac Goodman — Contact this patient »

SSN: 213-55-4232
FMP/Sponsor SSN: 213-55-4232
DOB: 01/01/1965
Age: 46 Years
Sex: Male

Address
Contact
Emergency Contact

Health Focus (15)

Urgency	Time	Type	Alert	Description
●	7:43 PM	Medications	Renewal Request	Lisinopril (Prinivil/Zestril)
●	7:40 PM	Medications	Renewal Request	Coumadin®
●	2 days ago	Medications	Overdose	Acetaminophen (Tylenol ® PM)
●	June 1	Immunizations	Immunization overdue	Polio
●	June 1	Immunizations	Immunization overdue	Tetanus

Medications

	Sun	Mon	Tue	Wed	Thr	Fri	Sat
Lisinopril (Prinivil/Zestril) PO 40mg Tab	☑	☑	☑	☑	☑	☑	☑
HCTZ (Esidrex/Oretic) PO 25mg Tab - Oct 12: Your renewal request was approved.	☑	☑	☑	☑	☑	☑	☑
Warfarin (Coumadin®) PO 5mg Tab	☑	☑	☑	☑	☑	☑	☑
Acetaminophen (Tylenol® PM)		⚠		✓			
Ferrous Sulfate PO 325mg Tab	☑	☑	☑	☑	☑	☑	☑
Lipodrene	☑	☑	☑	☑	☑	☑	☑
Jiang Ya Pian	☑☑☑	☑☑☑	☑☑☑	☑☑☑	☑☑☑	☑☑☑	☑☑☑

Patient's Recent Activities

3:45 pm	Message	Chronic pain
Yesterday	Vital Signs	Updated glucose...
Yesterday	Nutrition	Recorded a meal...
Oct 28	Medications	Requested renewal...
Oct 27	Exercise	Updated personal...

...plus 6 more activities. View All »

Vital Signs

Glucose Level (Last: Oct 19, 2011) — 110 mg/dL

Blood Pressure (Last: Oct 19, 2011) — 138/90 mmHg

Nutrition Wed, Oct 12

Grains, Fruits, Dairy, Vegetables, Protein

Sodium, Sugars, Fats & Oils

1,532 Calories Consumed
-0 Calories Burned

Exercise

Most Recent PRT (Last: Mar 11, 2011)

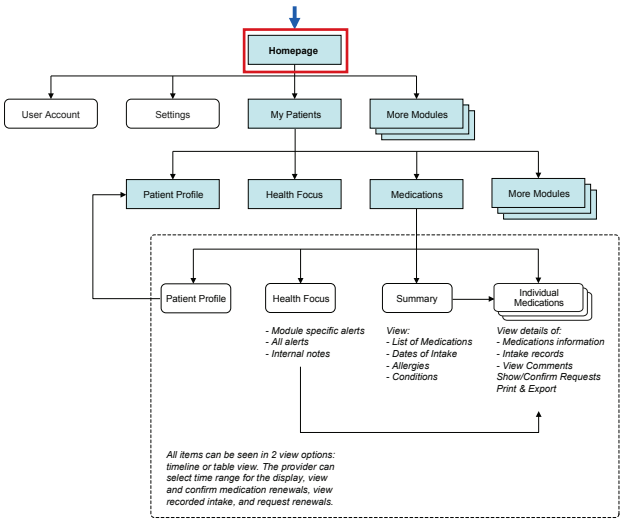
Overall PRT Score — 61 points Good

PATIENT: <30 | 45 | 60 | 75 | 90

61 points Good

60 points Good

The user selects the *Medications* box, highlighted in orange.



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MEDICATIONS: LANDING SCREEN

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medications

Search Medications

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Medications (7) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
	7:43 PM	Medications	Renewal Request	Lisinopril (Prinivil/Zestril)
	7:40 PM	Medications	Renewal Request	Coumadin®
	2 days ago	Medications	Overdose	Acetaminophen (Tylenol ® PM)
	June 1	Medications	Allergic reaction	Paracetamol
	May 30	Medications	Unknown medication	Jiang Ya Plan

Medication Summary

+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Medication Name | Today

- **Prescription Drugs**
  - Lisinopril (Prinivil/Zestril) PO 40mg Tab
  - HCTZ (Esidrex/Oretic) PO 25mg Tab
  - Warfarin (Coumadin®) PO 5mg Tab
- **Over-The-Counter Drugs**
  - Acetaminophen (Tylenol® PM)
- **Supplements**
  - Ferrous Sulfate PO 325mg Tab
  - Lipodrene
- **Herbal Medicines**
  - Jiang Ya Piam

Allergies

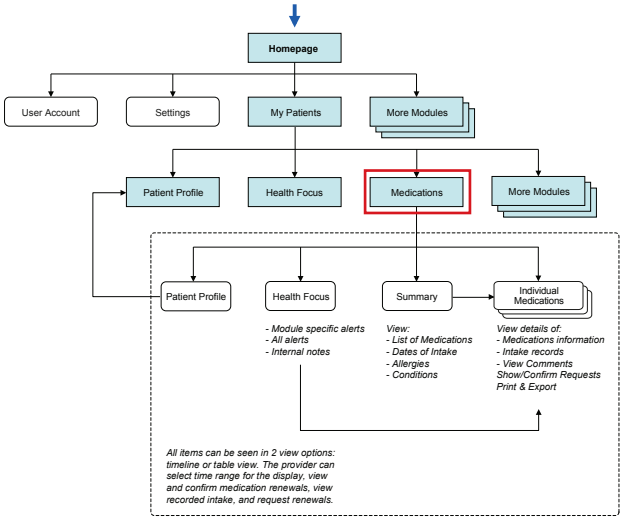
- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions

- Hypertension
- High cholesterol

This is the landing screen of the *Medications* module. There are two different kinds of content displays: graph/timeline and table. The user can choose the desired display kind via the two icons at the menu bar above the timeline (right side). The default display mode is graph/timeline. The screen consists of timeline with its controls, and detail column at the right side. The timeline includes four groups of medications: *Prescription, Over-The-Counter, Supplements,* and *Herbal.* Each group has the ability to expand and collapse. In this screen, all are expanded. Collapsing *Prescription Drugs* would hide all active drugs, and bring *Over-The-Counter Drugs* flush under that group.

The user can access *Patient Profile* and alerts through *Health Focus* towards the top of the screen. As shown above, only *Medications* alerts are currently displayed by default.



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MEDICATIONS: VIEW ALL ALERTS

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medications

Search Medications

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Medications (7) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
	7:43 PM	Medications	Renewal Request	Lisinopril (Prinivil/Zestril)
	7:40 PM	Medications	Renewal Request	Coumadin®
	2 days ago	Medications	Overdose	Acetaminophen (Tylenol ® PM)
	June 1	Immunizations	Immunization overdue	Polio
	June 1	Immunizations	Immunization overdue	Tetanus

Medication Summary

+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Medication Name | Today

- Prescription Drugs
  - Lisinopril (Prinivil/Zestril) PO 40mg Tab
  - HCTZ (Esidrex/Oretic) PO 25mg Tab
  - Warfarin (Coumadin®) PO 5mg Tab
- Over-The-Counter Drugs
  - Acetaminophen (Tylenol® PM)
- Supplements
  - Ferrous Sulfate PO 325mg Tab
  - Lipodrene
- Herbal Medicines
  - Jiang Ya Piam

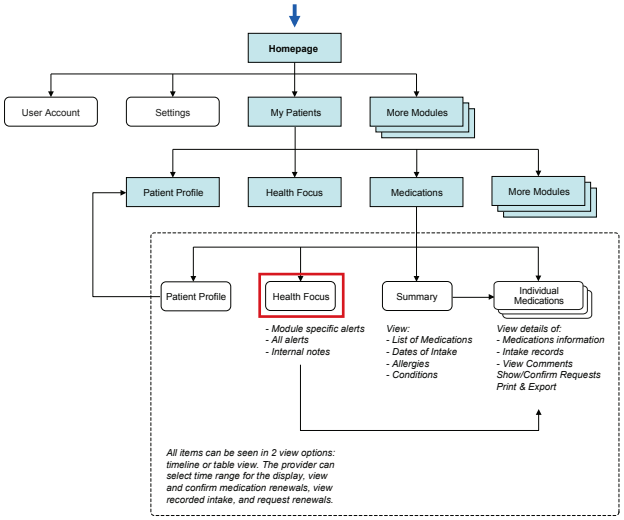
Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions

- Hypertension
- High cholesterol

The user can view all items on the list by selecting "View All Alerts." The list is sorted first by urgency, then by time.



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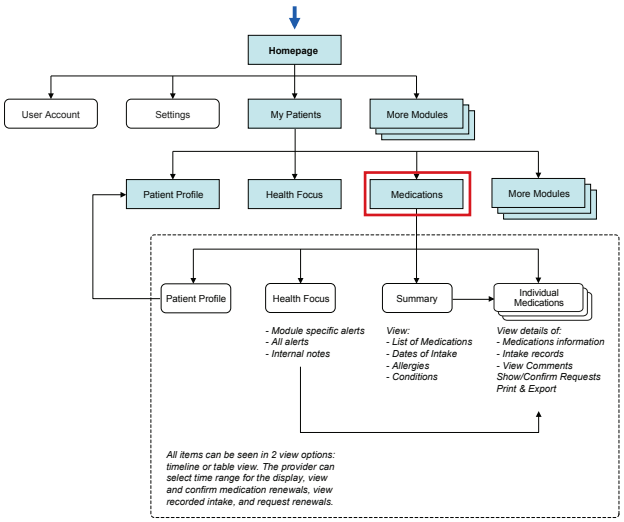
MEDICATIONS: COLLAPSE WINDOWS

The interface allows the user to minimize both *Patient Profile* and *Health Focus* panels above the timeline panel.

Medications with renewal requests from the patient appear with the red flag icons placed at the top right corner of the cells (e.g., Lisinopril).



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MEDICATIONS: LIST VIEW

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medications

Search Medications

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Medications (7) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
	7:43 PM	Medications	Renewal Request	Lisinopril (Prinivil/Zestril)
	7:40 PM	Medications	Renewal Request	Coumadin®
	2 days ago	Medications	Overdose	Acetaminophen (Tylenol ® PM)
	June 1	Medications	Allergic reaction	Paracetamol
	May 30	Medications	Unknown medication	Jiang Ya Plan

Medication Summary

+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Medication Name / Dosage	Prescription #	Type	Sig / Directions	Refills Left	Renewal Status	Last Filled Date	Pharmacy
Lisinopril (Prinivil/Zestril) – PO 40mg Tab	NB8454995	Prescription	Take one every day	0 of 3	Ready	May 25, 2011	Pharmacy
HCTZ (Esidrex/Oretic) – PO 25mg Tab	NB3130868	Prescription	Take one every day	3 of 3	---	May 8, 2011	Pharmacy
Warfarin (Coumadin®) – PO 5mg Tab	6166937	Prescription	Take one every day	0 of 3	Pending	May 8, 2011	Pharmacy
Acetaminophen (Tylenol® PM)	---	OTC	---	---	---	Apr 12, 2011	Walgreens
Ferrous Sulfate – PO 325mg Tab	6167618	Supplement	Take one every day	2 of 3	---	May 25, 2011	Walgreens
Lipodrene	---	Supplement	Take one every day	---	---	Jun 3, 2011	GNC
Jiang Ya Pian	---	Herbal	Take 5 tablets, 3 times a day	---	---	Jun 1, 2011	Chinese Natural Herbs

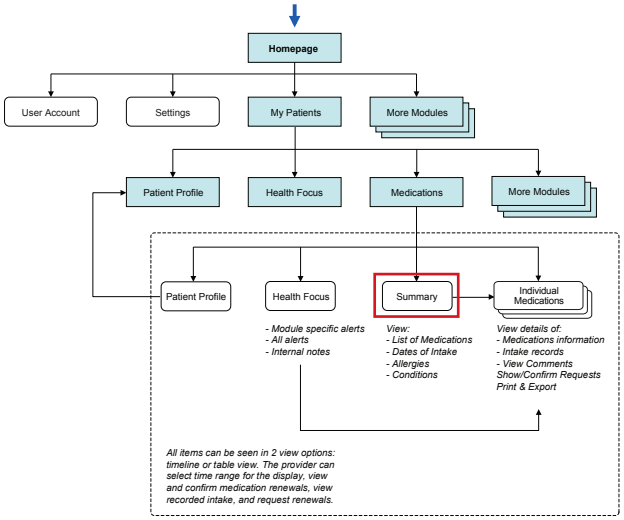
Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions

- Hypertension
- High cholesterol

As mentioned previously, there are two different kinds of content displays: *graph/timeline* and *table*. Here, the user selects the *table* icon on the right and views the patient's medications status in a list.



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MEDICATIONS: HOVER OVER MEDICATIONS ALERT

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medications

Search Medications

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Medications (7) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
	7:43 PM	Medications	Renewal Request	Lisinopril (Prinivil/Zestril)
	7:40 PM	Medications	Renewal Request	Coumadin®
	2 days ago	Medications	Overdose	Acetaminophen (Tylenol ® PM)
	June 1	Medications	Allergic reaction	Paracetamol
	May 30	Medications	Unknown medication	Jiang Ya Plan

Medication Summary

+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Medication Name / Dosage	Prescription #	Type	Sig / Directions	Refills Left	Renewal Status	Last Filled Date	Pharmacy
Lisinopril (Prinivil/Zestril) – PO 40mg Tab	NB8454995	Prescription	Take one every day	0 of 3	Ready	May 25, 2011	Pharmacy
HCTZ (Esidrex/Oretic) – PO 25mg Tab	NB3130868	Prescription	Take one every day	3 of 3	---	May 8, 2011	Pharmacy
Warfarin (Coumadin®) – PO 5mg Tab	6166937	Prescription	Take one every day	0 of 3	Pending	May 8, 2011	Pharmacy
Acetaminophen (Tylenol® PM)	---	OTC	---	---	---	Apr 12, 2011	Walgreens
Ferrous Sulfate – PO 325mg Tab	6167618	Supplement	Take one every day	2 of 3	---	May 25, 2011	Walgreens
Lipodrene	---	Supplement	Take one every day	---	---	Jun 3, 2011	GNC
Jiang Ya Pian	---	Herbal	Take 5 tablets, 3 times a day	---	---	Jun 1, 2011	Chinese Natural Herbs

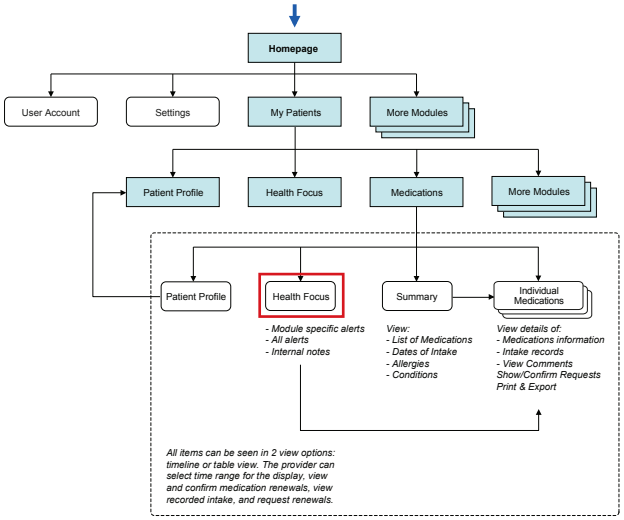
Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions

- Hypertension
- High cholesterol

The *table* view shows an alert for a prescription medication at the top. The provider can view further details on a medication by selecting it.



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MEDICATIONS: MEDICATION DETAILS

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medications

Search Medications

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Medications (7) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
	7:43 PM	Medications	Renewal Request	Lisinopril (Prinivil/Zestril)
	7:40 PM	Medications	Renewal Request	Coumadin®
	2 days ago	Medications	Overdose	Acetaminophen (Tylenol ® PM)
	June 1	Medications	Allergic reaction	Paracetamol
	May 30	Medications	Unknown medication	Jiang Ya Plan

Medication Summary | Lisinopril (Prinivil/Zestril) – PO 40mg Tab

+ Add Medication | Show All Requests | Print | Export

The Patient has requested a renewal for this medication.

Medication Details

Name / Dosage Lisinopril (Prinivil/Zestril) – PO 40mg Tab

Drug Image

Status Active

Prescription # NB8454995
Quantity 30
Sig. / Directions Take one every day
Expanded Sig. Take with a big glass of water
Intake Time 0900 (Morning)

Reason why you are taking To treat high blood pressure (hypertension)

Side Effects Allergic reaction, fainting, flu symptoms, chest pain, and weight gain

Refills Left 0 of 3
Last Filled Date May 25, 2011

Prescription History

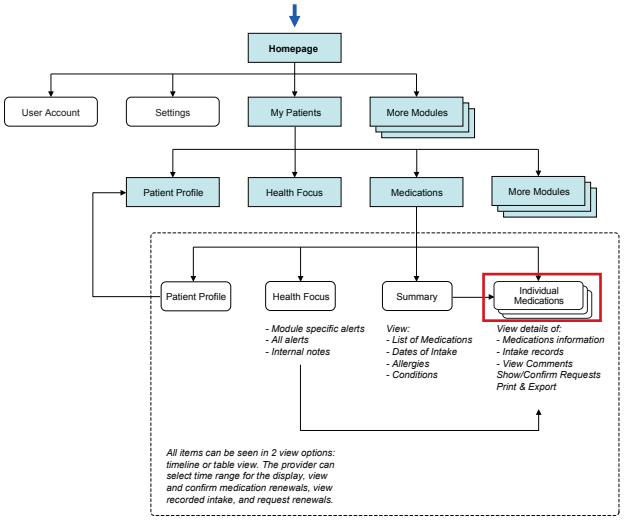
Date	Prescription #	Refills Left	Quantity	Days Supply	Status
April 23, 2011	NB1234567	0	30	Not recorded	Refilled
March 20, 2011	NB0987654	0	30	Not recorded	Refilled

Intake History

Date and Time	Quantity	Frequency	Total Intake	Comments	Recorded by
June 18, 2011 – 09:45 am	2 tablets	1	2 tablets		You
June 17, 2011 – 09:00 am	2 tablets	1	2 tablets		You
June 16, 2011 – 09:00 am	2 tablets	1	2 tablets		You
June 15, 2011 – 09:00 am	2 tablets	1	2 tablets	Yes	Dr. Andrew Berg
June 14, 2011 – 09:00 am	2 tablets	1	2 tablets		You
June 13, 2011 – 09:00 am	2 tablets	1	2 tablets		You
June 12, 2011 – 11:00 am	2 tablets	1	2 tablets		You
June 11, 2011 – 01:00 pm	2 tablets	1	2 tablets		You

Upon selection, a new tab is opened with the detailed information on the chosen medication: *Medication Details*, *Prescription History*, and *Intake History*. The tab is tinted red with an "!" mark to indicate its urgency: a renewal request is pending.

The user can view all requests from the patient by selecting "Show All Renewal Requests;" the user can also "Print" and/or "Export" the chosen medication information.



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MEDICATIONS: SHOW ALL RENEWAL REQUEST

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medications

Search Medications

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Medications (7) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
	7:43 PM	Medications	Renewal Request	Lisinopril (Prinivil/Zestril)
	7:40 PM	Medications	Renewal Request	Coumadin®
	2 days ago	Medications	Overdose	Acetaminophen (Tylenol ® PM)
	June 1	Medications	Allergic reaction	Paracetamol
	May 30	Medications	Unknown medication	Jiang Ya Plan

Medication Summary | Lisinopril (Prinivil/Zestril) – PO 40mg Tab | Warfarin (Coumadin®) – PO 5mg Tab

+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Today

- Prescription Drugs
  - Lisinopril (Prinivil/Zestril) PO 40mg Tab
  - HCTZ (Esidrex/Oretic) PO 25mg Tab
  - Warfarin (Coumadin®) PO 5mg Tab
- Over-The-Counter Drugs
  - Acetaminophen (Tylenol® PM)
- Supplements
  - Ferrous Sulfate PO 325mg Tab
  - Lipodrene
- Herbal Medicines
  - Jiang Ya Piam

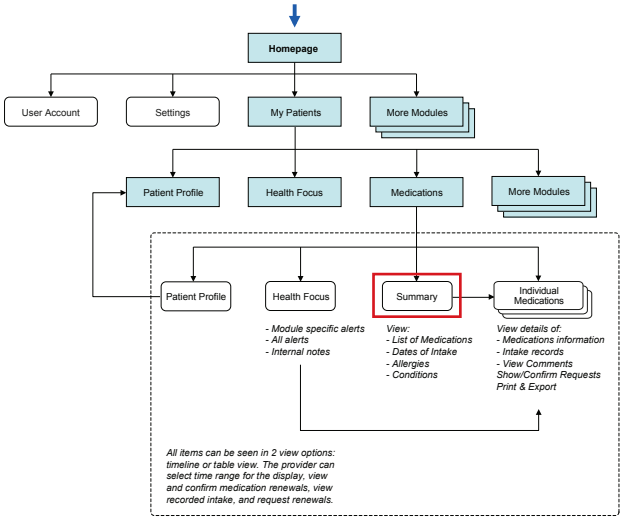
Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions

- Hypertension
- High cholesterol

When the user selects "Show All Renewal Requests," medications that need renewal open in tabs. These tabs are also marked in red to show the urgency level.



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MEDICATIONS: RENEWAL REQUEST

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medications

Search Medications

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Medications (7) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
	7:43 PM	Medications	Renewal Request	Lisinopril (Prinivil/Zestril)
	7:40 PM	Medications	Renewal Request	Coumadin®
	2 days ago	Medications	Overdose	Acetaminophen (Tylenol ® PM)
	June 1	Medications	Allergic reaction	Paracetamol
	May 30	Medications	Unknown medication	Jiang Ya Plan

Medication Summary | Lisinopril (Prinivil/Zestril) – PO 40mg Tab | Warfarin (Coumadin®) – PO 5mg Tab

+ Add Medication | Show All Requests | Print | Export

The Patient has requested a renewal for this medication.

Medication Details

Name / Dosage Lisinopril (Prinivil/Zestril) – PO 40mg Tab

Drug Image

Status Active

Prescription # NB8454995
Quantity 30
Sig. / Directions Take one every day
Expanded Sig. Take with a big glass of water
Intake Time 0900 (Morning)

Reason why you are taking To treat high blood pressure (hypertension)

Side Effects Allergic reaction, fainting, flu symptoms, chest pain, and weight gain

Refills Left 0 of 3
Last Filled Date May 25, 2011

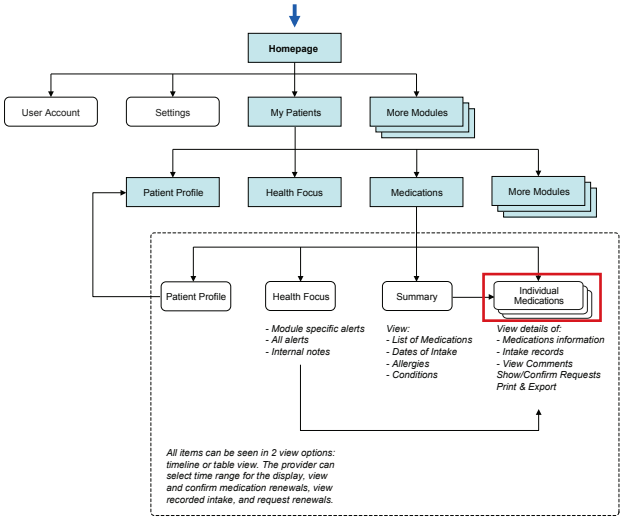
Prescription History

Date	Prescription #	Refills Left	Quantity	Days Supply	Status
April 23, 2011	NB1234567	0	30	Not recorded	Refilled
March 20, 2011	NB0987654	0	30	Not recorded	Refilled

Intake History

Date and Time	Quantity	Frequency	Total Intake	Comments	Recorded by
June 18, 2011 – 09:45 am	2 tablets	1	2 tablets		You
June 17, 2011 – 09:00 am	2 tablets	1	2 tablets		You
June 16, 2011 – 09:00 am	2 tablets	1	2 tablets		You
June 15, 2011 – 09:00 am	2 tablets	1	2 tablets	Yes	Dr. Andrew Berg
June 14, 2011 – 09:00 am	2 tablets	1	2 tablets		You
June 13, 2011 – 09:00 am	2 tablets	1	2 tablets		You
June 12, 2011 – 11:00 am	2 tablets	1	2 tablets		You
June 11, 2011 – 01:00 pm	2 tablets	1	2 tablets		You

The user goes to view one of the "Medication Details" tab.



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MEDICATIONS: RENEWAL REQUEST CONFIRMATION

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medications

Search Medications

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Medications (7) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
	7:43 PM	Medications	Renewal Request	Lisinopril (Prinivil/Zestril)
	7:40 PM	Medications	Renewal Request	Coumadin®
	2 days ago	Medications	Overdose	Acetaminophen (Tylenol ® PM)
	June 1	Medications	Allergic reaction	Paracetamol
	May 30	Medications	Unknown medication	Jiang Ya Plan

Medication Summary | Lisinopril (Prinivil/Zestril) – PO 40mg Tab | Warfarin (Coumadin®) – PO 5mg Tab

+ Add Medication | Show All Requests | Print | Export

The Patient has requested a renewal for this medication.

Medication Details

Name / Dosage: Lisinopril (Prinivil/Zestril) – PO 40mg Tab
Drug Image
Status: Active
Prescription #: NB8454995
Quantity: 30
Sig. / Directions: Take one every day
Expanded Sig.: Take with a big glass of water
Intake Time: 0900 (Morning)
Reason why you are taking: To treat high blood pressure (hypertension)
Side Effects: Allergic reaction, fainting, flu symptoms, chest pain, and weight gain
Refills Left: 0 of 3
Last Filled Date: May 25, 2011

Prescription History

Date	Prescription #	Refills Left	Quantity	Days Supply	Status
April 23, 2011	NB1234567	0	30	Not recorded	Refilled
				Not recorded	Refilled

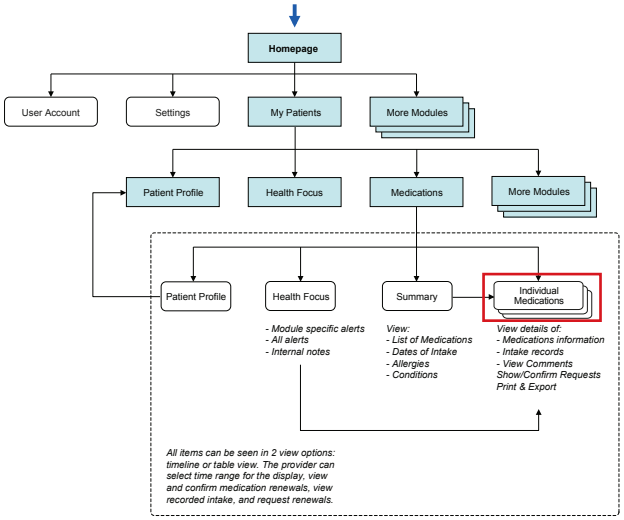
			Total Intake	Comments	Recorded by
June 18, 2011 – 09:45 am	2 tablets	1	2 tablets		You
June 17, 2011 – 09:00 am	2 tablets	1	2 tablets		You
June 16, 2011 – 09:00 am	2 tablets	1	2 tablets		You
June 15, 2011 – 09:00 am	2 tablets	1	2 tablets	Yes	Dr. Andrew Berg
June 14, 2011 – 09:00 am	2 tablets	1	2 tablets		You
June 13, 2011 – 09:00 am	2 tablets	1	2 tablets		You
June 12, 2011 – 11:00 am	2 tablets	1	2 tablets		You
June 11, 2011 – 01:00 pm	2 tablets	1	2 tablets		You

The request for this medication has been renewed.

The prescription will be ready in approximately 4 hours.

Close

Once the user confirms the renewal request through AHLTA, confirmation message appears.



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MEDICATIONS: UPDATED PRESCRIPTION HISTORY

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medications

Search Medications

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Medications (6) | View All Alerts (14)

Urgency	Time	Type	Alert	Description
	7:40 PM	Medications	Renewal Request	Coumadin®
	2 days ago	Medications	Overdose	Acetaminophen (Tylenol ® PM)
	June 1	Medications	Allergic reaction	Paracetamol
	May 30	Medications	Unknown medication	Jiang Ya Plan
	May 29	Medications	Pharmacy alert	Prescription updated

Medication Summary | Lisinopril (Prinivil/Zestril) – PO 40mg Tab | Warfarin (Coumadin®) – PO 5mg Tab

+ Add Medication | Show All Requests | Print | Export

Medication Details

Name / Dosage: Lisinopril (Prinivil/Zestril) – PO 40mg Tab
Drug Image:
Status: Active
Prescription #: NB8454995
Quantity: 30
Sig. / Directions: Take one every day
Expanded Sig.: Take with a big glass of water
Intake Time: 0900 (Morning)
Reason why you are taking: To treat high blood pressure (hypertension)
Side Effects: Allergic reaction, fainting, flu symptoms, chest pain, and weight gain
Refills Left: 3 of 3
Last Filled Date: June 19, 2011

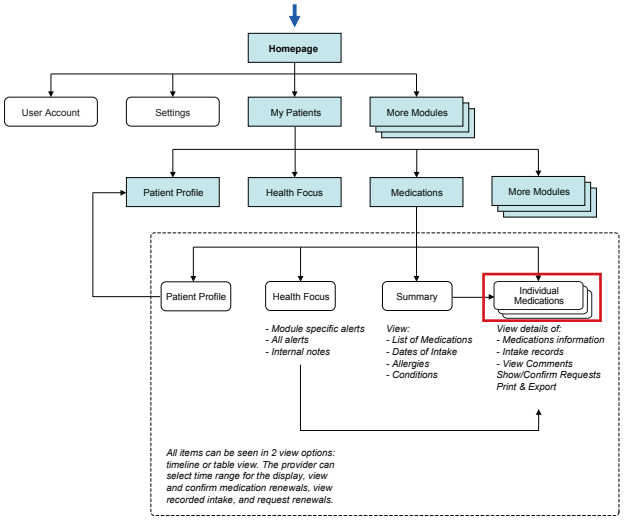
Prescription History

Date	Prescription #	Refills Left	Quantity	Days Supply	Status
June 19, 2011	NB0987654	3	30	Not recorded	Refilled
April 23, 2011	NB1234567	0	30	Not recorded	Refilled
March 20, 2011	NB0987654	0	30	Not recorded	Prescribed
March 9, 2011	NB0987654	0	30	Not recorded	Discontinued

Intake History

Date and Time	Quantity	Frequency	Total Intake	Comments	Recorded by
June 18, 2011 – 09:45 am	2 tablets	1	2 tablets		You
June 17, 2011 – 09:00 am	2 tablets	1	2 tablets		You
June 16, 2011 – 09:00 am	2 tablets	1	2 tablets		You
June 15, 2011 – 09:00 am	2 tablets	1	2 tablets	Yes	Dr. Andrew Berg
June 14, 2011 – 09:00 am	2 tablets	1	2 tablets		You
June 13, 2011 – 09:00 am	2 tablets	1	2 tablets		You

After closing the confirmation message, the user can view the updated record in *Prescription History*. The system also removes such inquiry from *Health Focus*.



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MEDICATIONS: UPDATED PRESCRIPTION HISTORY

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medications

Search Medications

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Medications (6) | View All Alerts (14)

Urgency	Time	Type	Alert	Description
	7:40 PM	Medications	Renewal Request	Coumadin®
	2 days ago	Medications	Overdose	Acetaminophen (Tylenol ® PM)
	June 1	Medications	Allergic reaction	Paracetamol
	May 30	Medications	Unknown medication	Jiang Ya Pian
	May 29	Medications	Pharmacy alert	Prescription updated

Medication Summary | Lisinopril (Prinivil/Zestril) – PO 40mg Tab | Warfarin (Coumadin®) – PO 5mg Tab

+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Medication Name	Today
Prescription Drugs	
Lisinopril (Prinivil/Zestril) PO 40mg Tab	
HCTZ (Esidrex/Oretic) PO 25mg Tab	
Warfarin (Coumadin®) PO 5mg Tab	
Over-The-Counter Drugs	
Acetaminophen (Tylenol® PM)	
Supplements	
Ferrous Sulfate PO 325mg Tab	
Lipodrene	
Herbal Medicines	
Jiang Ya Pian	

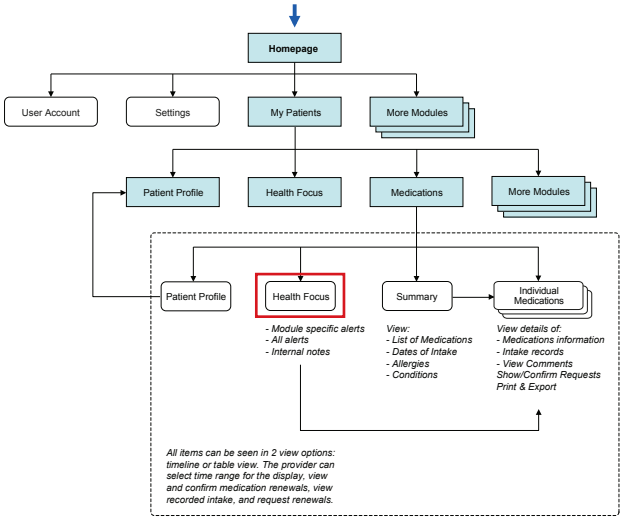
Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions

- Hypertension
- High cholesterol

The user returns to *Medication Summary* by clicking the tab. The user hovers over an alert regarding overdose in *Health Focus.*



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MEDICATIONS: UPDATED PRESCRIPTION HISTORY

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medications

Search Medications

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Medications (6) | View All Alerts (14)

Urgency	Time	Type	Alert	Description
	7:40 PM	Medications	Renewal Request	Coumadin®
	2 days ago	Medications	Overdose	Acetaminophen (Tylenol ® PM)
	June 1	Medications	Allergic reaction	Paracetamol
	May 30	Medications	Unknown medication	Jiang Ya Plan
	May 29	Medications	Pharmacy alert	Prescription updated

Medication Summary | Lisinopril (Prinivil/Zestril) – PO 40mg Tab | Warfarin (Coumadin®) – PO 5mg Tab

+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Medication Name	Today
Prescription Drugs	
Lisinopril (Prinivil/Zestril) PO 40mg Tab	
HCTZ (Esidrex/Oretic) PO 25mg Tab	
Warfarin (Coumadin®) PO 5mg Tab	
Over-The-Counter Drugs	
Acetaminophen (Tylenol® PM)	
Supplements	
Ferrous Sulfate PO 325mg Tab	
Lipodrene	
Herbal Medicines	
Jiang Ya Pian	

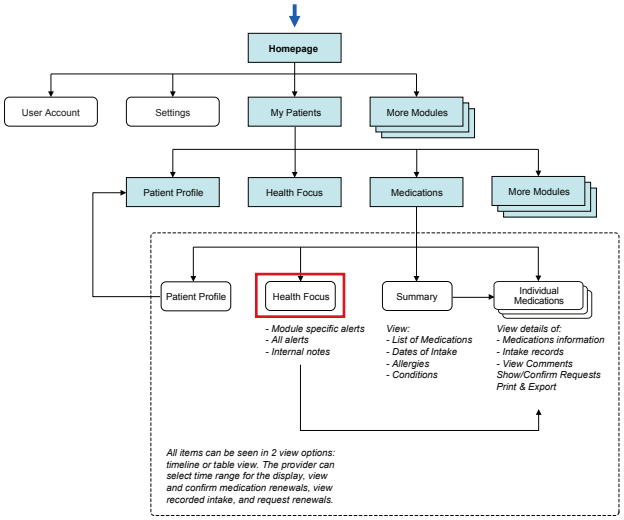
Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions

- Hypertension
- High cholesterol

Once the user acknowledges the alert, a confirmation message appears on the screen. Acknowledged alert is also archived.



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MEDICATIONS: UPDATED PRESCRIPTION HISTORY

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medications

Search Medications

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Medications (5) | View All Alerts (13)

Urgency	Time	Type	Alert	Description
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+ Add Medication | Show All Requests | Print | Export | View: Current Meds | Time Range: 1w 1m 1y All Custom

Medication Name	Today
Prescription Drugs	
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HCTZ (Esidrex/Oretic) PO 25mg Tab	
Warfarin (Coumadin®) PO 5mg Tab	
Over-The-Counter Drugs	
Acetaminophen (Tylenol® PM)	
Supplements	
Ferrous Sulfate PO 325mg Tab	
Lipodrene	
Herbal Medicines	
Jiang Ya Pian	

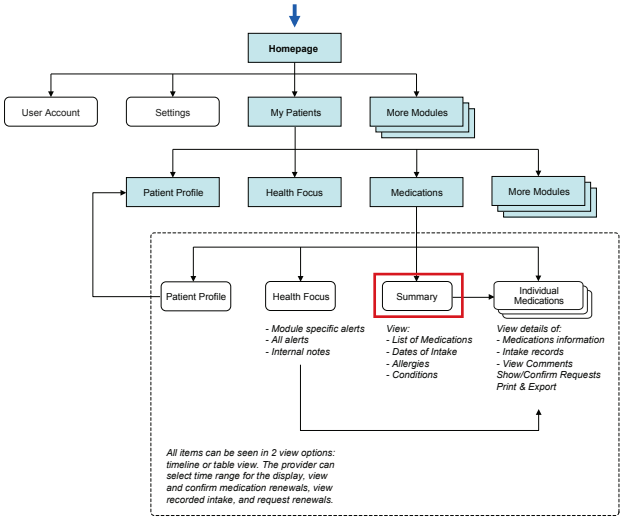
Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions

- Hypertension
- High cholesterol

Once an alert is acknowledged, it gets archived. The user can still access acknowledged alerts by scrolling down the list in *Health Focus*.



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MEDICATIONS: ADD MEDICATION

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Medications

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Medication Name | Today

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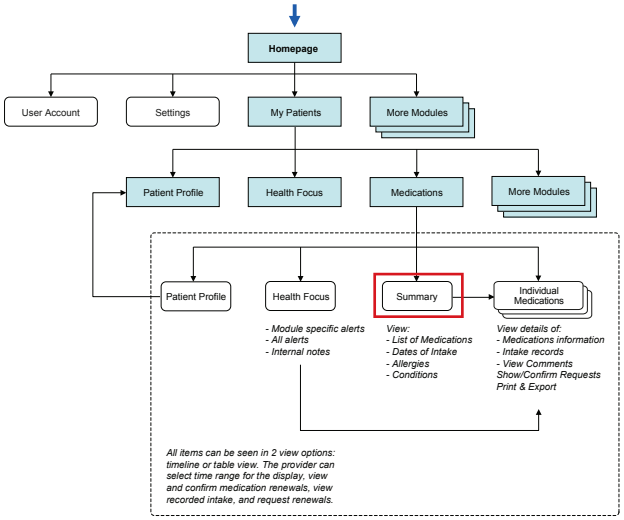
  - Warfarin (Coumadin®) PO 5mg Tab
- Over-The-Counter Drugs
  - Acetaminophen (Tylenol® PM)
- Supplements
  - Ferrous Sulfate PO 325mg Tab
  - Lipodrene
- Herbal Medicines
  - Jiang Ya Pian

What type of medication would you like to add?
Over-The-Counter Drugs
Type in the name of medication:
Next Step | Cancel

Allergies
- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions
- Hypertension
- High cholesterol

The user clicks "+Add Medication" button.



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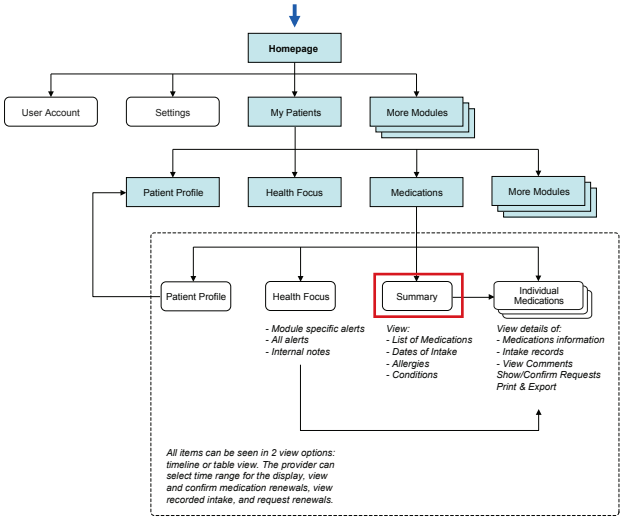
- Over-The-Counter Drugs
  - Acetaminophen (Tylenol® PM)
- Supplements
  - Ferrous Sulfate PO 325mg Tab
  - Lipodrene
- Herbal Medicines
  - Jiang Ya Pian

What type of medication would you like to add?
Over-The-Counter Drugs
Type in the name of medication:
aspirin
aspirin
aspirin/oxycodone
aspirin/butalbital/caffeine
aspirin/hydrocodone
aspirin/chlorpheniramine/phenylpropanolamine
aspirin/dipyridamole
aspirin/carisoprodol/codeine
Show all...

Allergies
- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions
- Hypertension
- High cholesterol

The user enters the name of medication in the text field. The system assists user with listing relevant names while the user is typing letters. In the case, the user is typing "Adv," then all relevant words such as "Advair Diskus" and "Ibuprofen (Advil)" under *Suggestions*.



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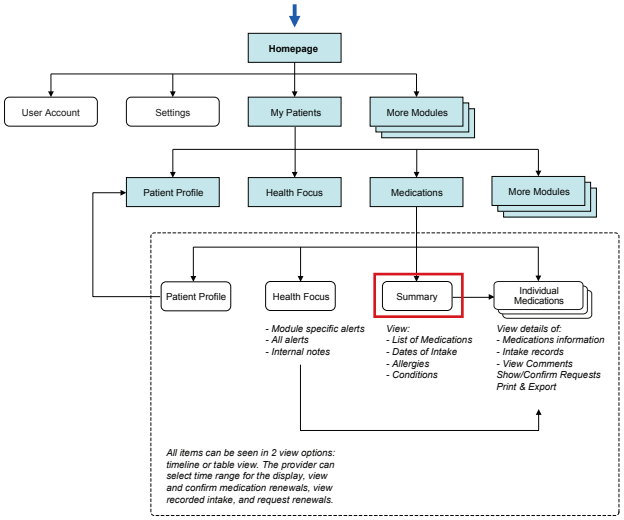
  - Warfarin (Coumadin®) PO 5mg Tab
- Over-The-Counter Drugs
  - Acetaminophen (Tylenol® PM)
- Supplements
  - Ferrous Sulfate PO 325mg Tab
  - Lipodrene
- Herbal Medicines
  - Jiang Ya Pian

What type of medication would you like to add?
Over-The-Counter Drugs
Type in the name of medication:
asperin
Did you mean ***asprin***?
Next Step | Cancel

Allergies
- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions
- Hypertension
- High cholesterol

The system suggests medication names spelled correctly if the user enters names of medications spelled incorrectly or not found from the database.



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MEDICATIONS: ADD MEDICATION

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Isaac Goodman » Medications

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Medication Name | Today

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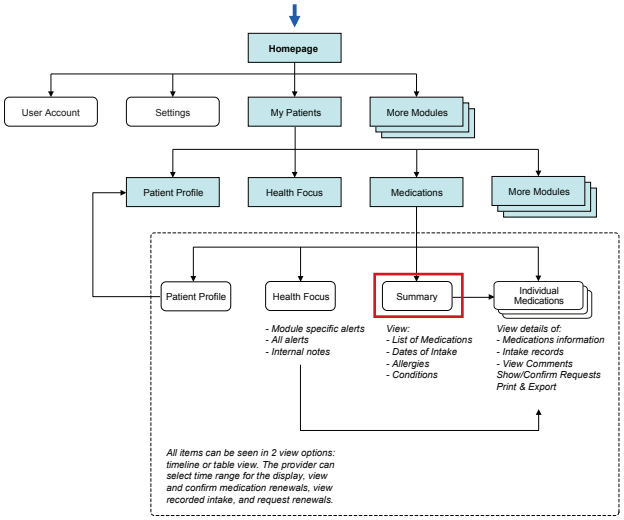
- Over-The-Counter Drugs
  - Acetaminophen (Tylenol® PM)
- Supplements
  - Ferrous Sulfate PO 325mg Tab
  - Lipodrene
- Herbal Medicines
  - Jiang Ya Pian

What type of medication would you like to add?
Over-The-Counter Drugs
Type in the name of medication:
Ibuprofen (Advil®)
Drug Interaction Warning
Patient is allergic.
Next Step | Cancel

Allergies
- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions
- Hypertension
- High cholesterol

If the new drug can effect any active medications or possibly cause an allergic reaction, the system will give a warning message.



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MEDICATIONS: ADD MEDICATION

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Today

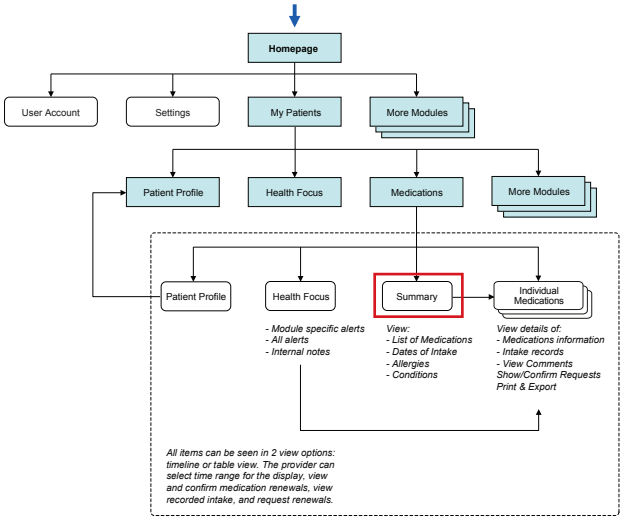
Medication Name
Prescription Drugs
Lisinopril (Prinivil/Zestril) PO 40mg Tab
HCTZ (Esidrex/Oretic) PO 25mg Tab
Warfarin (Coumadin®) PO 5mg Tab
Over-The-Counter Drugs
Acetaminophen (Tylenol® PM)
Supplements
Ferrous Sulfate PO 325mg Tab
Lipodrene
Herbal Medicines
Jiang Ya Pian

What type of medication would you like to add?
Over-The-Counter Drugs
Type in the name of medication:
Ibuprofen (Advil®)
Drug Interaction Warning
Next Step | Cancel

Allergies
- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions
- Hypertension
- High cholesterol

The user decides to cancel.



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MEDICATIONS: ADD MEDICATION

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Isaac Goodman » Medications

Search Medications

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Medication Name	Today
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Warfarin (Coumadin®) PO 5mg Tab	
Over-The-Counter Drugs	
Acetaminophen (Tylenol® PM)	
Supplements	
Ferrous Sulfate PO 325mg Tab	
Lipodrene	
Herbal Medicines	
Jiang Ya Pian	

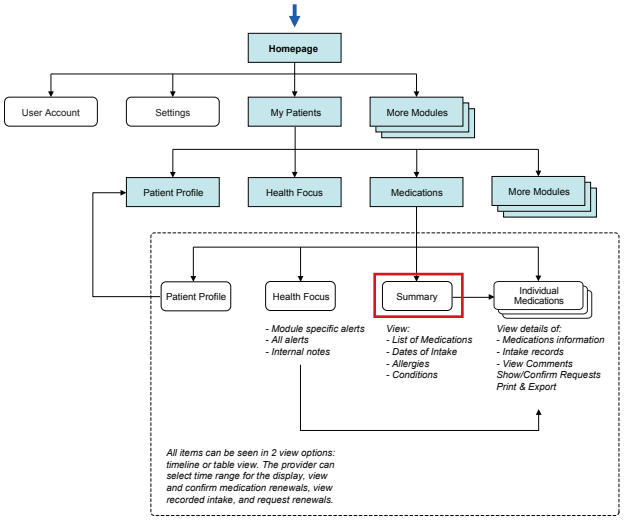
Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions

- Hypertension
- High cholesterol

The user clicks "+Add Medication" button.



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  - Warfarin (Coumadin®) PO 5mg Tab
- Over-The-Counter Drugs
  - Acetaminophen (Tylenol® PM)
- Supplements
  - Ferrous Sulfate PO 325mg Tab
  - Lipodrene
- Herbal Medicines
  - Jiang Ya Pian

What type of medication would you like to add?
Supplements

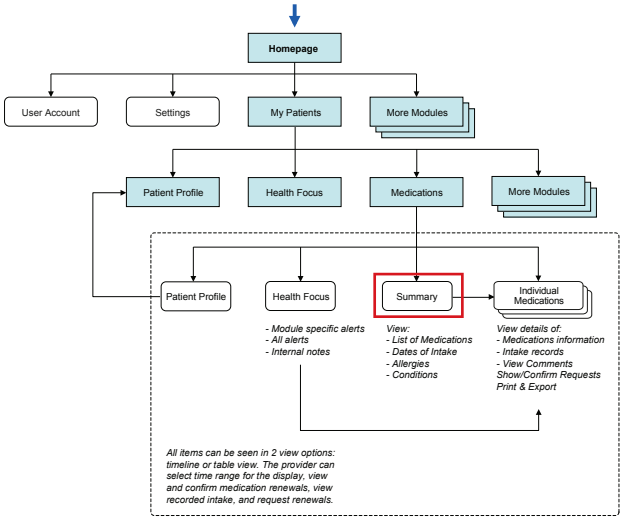
Type in the name of medication:
vitamin C

Suggestions...
Vitamin C with Rose Hips
Vitamin C TR
Vitamin C, E, and Rose Hips
Centrum Singles-Vitamin C
N Ice with Vitamin C
Vicks Vitamin C Drops
Sunkist Vitamin C
Vicks Dayquil Cold & Flu Symptom Relief Plus Vitamin C

Allergies
- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions
- Hypertension
- High cholesterol

The user decides to add a supplement and chooses accordingly from the provided options.



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+ Add Medication | Show All Requests

Medication Name
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Warfarin (Coumadin®) PO 5mg Tab
Over-The-Counter Drugs
Acetaminophen (Tylenol® PM)
Supplements
Ferrous Sulfate PO 325mg Tab
Lipodrene
Herbal Medicines
Jiang Ya Pian

Add Medication

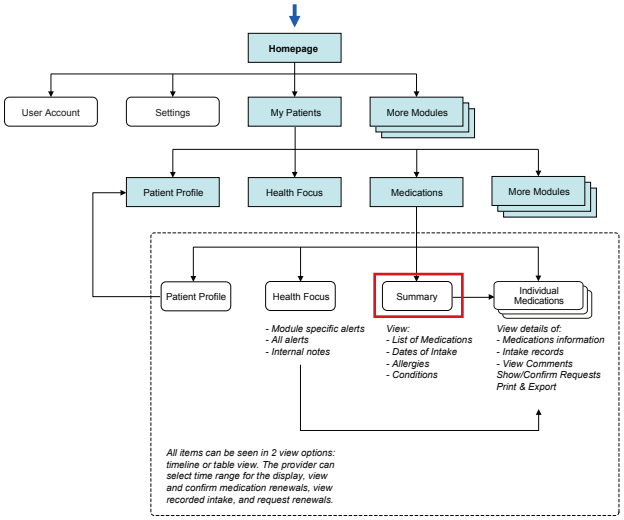
Type: Supplements
Name: Centrum Singles-Vitamin C
Dosage (PO): 500 mg
Quantity Take 1 tablets for each intake
Frequency 1 times / day
As needed
Sig/ Directions:
- Take one after a meal.
- Dissolve in mouth without chewing.
- Do not take extra medicine to make up for a missed dose.

Add Record | Go Back | Cancel

Allergies
- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions
- Hypertension
- High cholesterol

The user enters dosage, quantity, frequency, and reasons for taking. The user clicks the "Add Record" button.



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Acetaminophen (Tylenol® PM)	
Supplements	
Ferrous Sulfate PO 325mg Tab	
Lipodrene	
Vitamin C (Centrum® Singles)	
Herbal Medicines	

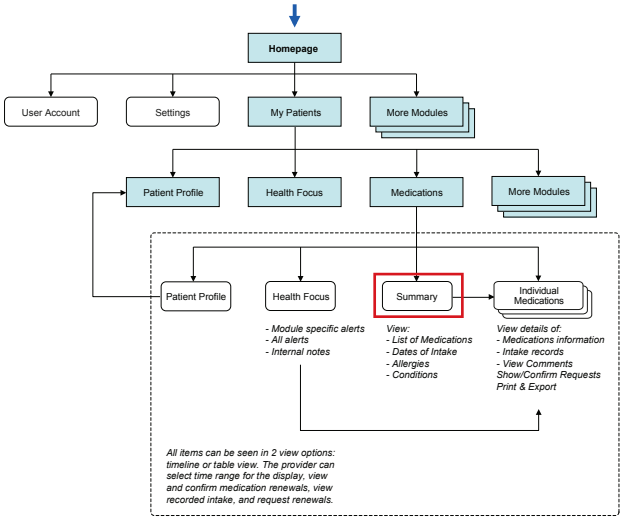
Allergies

- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions

- Hypertension
- High cholesterol

The list of medications is updated accordingly.



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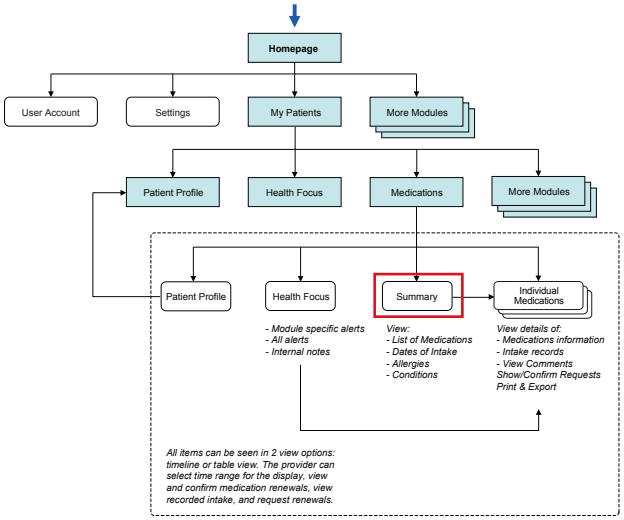
Herbal Medicines	

Vitamin C (Centrum® Singles)
Intake Date 06/18/2011
Intake Time 12 00 PM
Comments
OK

Allergies
- Aspirin
- Latex (Do Not Use, Not Screened)
- Natural Rubber (Do Not Use, Not Screened)

Conditions
- Hypertension
- High cholesterol

The user can record the first intake by clicking at the node.



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New York, NY 10011
212 229 6825
piim.newschool.edu

Exercise

INTRODUCTION This section of the Detailed GUI Volume documents the design of the Provider Portal's *Exercise* function set for the Visual Dashboard for a Patient Centered Medical Home (PCMH). The documentation includes both workflow diagrams and visual models: the workflow diagrams detail the user experience and interactions within this module, and the visual models present graphic assets and elements within this module.

The following are high-level objectives for *Exercise*:

- To allow the provider to view Physical Readiness Test (PRT) scores, assigned physical activities, and other additional physical activities the patient reports in.
- To enable the exchange of information between the provider and the patient through the "Comments" function.

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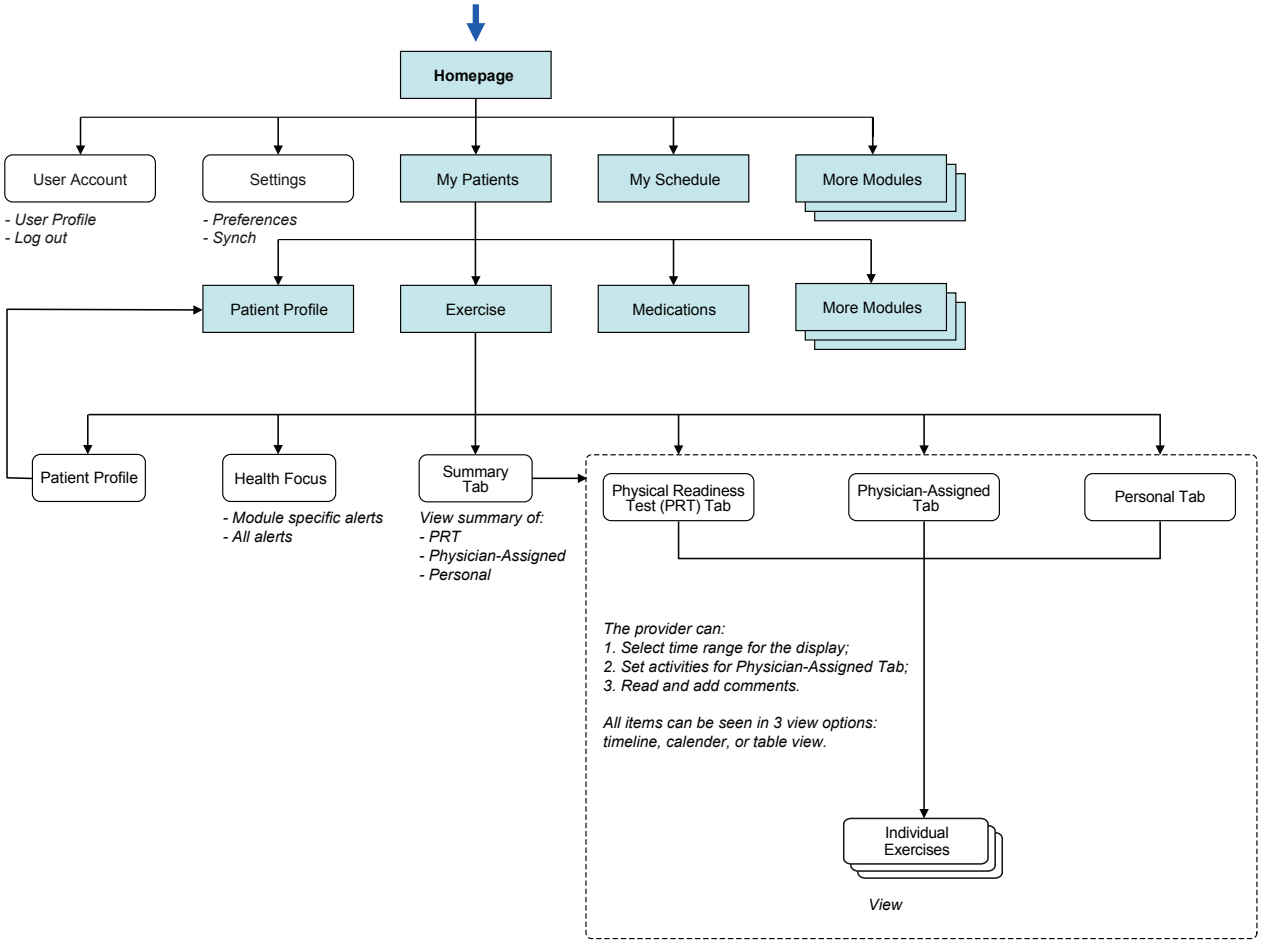
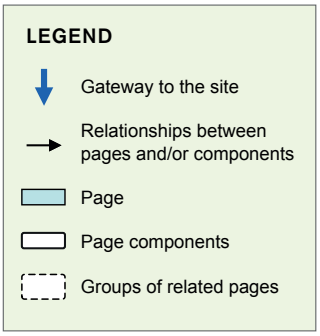
FLOWCHART FOR EXERCISE MODULE





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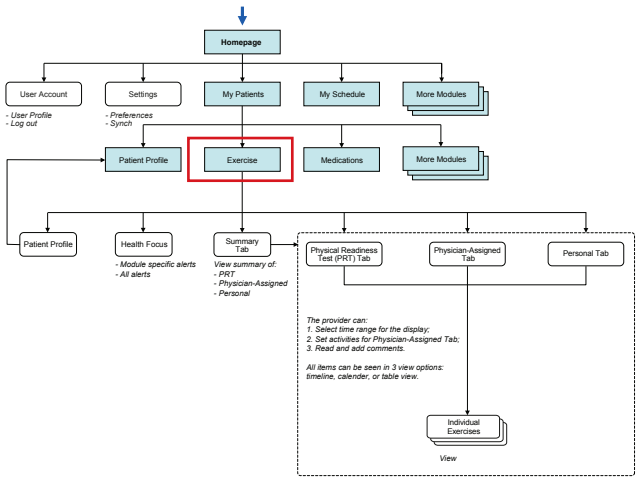
EXERCISE: SUMMARY VIEW

The user can access *Exercise* from *Provider's Portal Homepage*. The landing screen shows the summary of the patient's most up-to-date exercise records. There are three categories in the summary: "Physical Readiness Test (PRT);" "Physician-Assigned;" and "Personal exercises."

The spider chart, combined with the "Physical Readiness Test" block, provide a quick overview of the patient's PRT results. The color and icons indicates the performance level of the user. For example, green or smiley face indicates that the patient is passing the tests, or performing well. The yellow or neutral face indicates that the user is passing the test but close to failure. The red or sad face indicates that the user is failing and needs to improve the performance.

The number next to "+" sign indicates how many points the user is above or below the goal. The default goal is passing score, 45.



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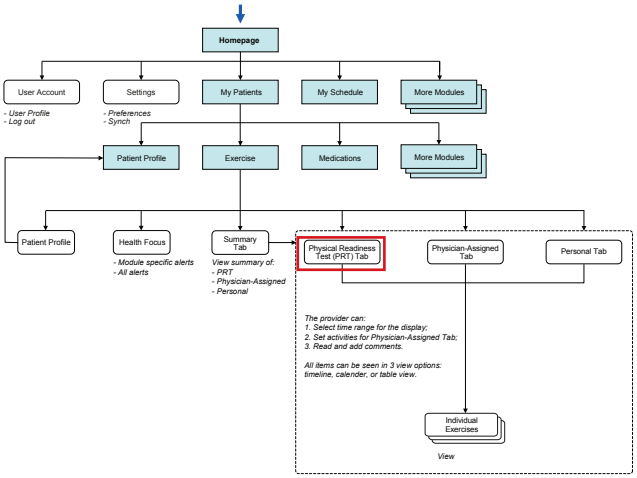
EXERCISE: PRT SUMMARY

The user clicks on "Physical Readiness Test" tab to switch view. This screen shows the summary of the patient's PRT records. The sparklines give the user a quick overview of the trends in the patient's PRT results.

In the left column the user sees sub-categories of PRT: Average PRT Scores, 1.5 Mile Run, Curl Ups, and Push Ups. Just like in the "Summary" tab, the shape of nodes indicate the data source: provider or patient. The dotted red lines indicate the PRT goal, or the passing points of 45.

The numbers on the right shows most recent records of each item. The icon indicates the performance level of the patient. The number next to "+" sign indicates how much the patient is exceeding or falling behind the goal. The default goal is passing score, 45.

In the summary view, though there may be multiple data entries, only one node is shown at once. The user can hover to view past entries.



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EXERCISE: PRT 1.5 MILE RUN

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Exercise

Search Exercise

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Exercise (2) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
	March 11	Exercise	PRT — Weight	Below passing score
	March 11	Exercise	PRT — Push Ups	Satisfactory score

Summary | Physical Readiness Test | Physician-assigned | Personal

Time Range: since last PRT | since last 2 | since last 3 | All | Custom

Average PRT Score
1.5 Mile Run
Curl Ups
Push Ups
Weight

Patient's 1.5 Mile Run

View History

62 points (+16)
15 min. 30 sec.
March 11, 2011

4 points up
10 seconds faster
from November 6, 2010

60 points
15 min. 40 sec.
Target Points and Time
Last Edited by Patient

62 points
15 min. 30 sec.
Median Points and Time
for Age 45 - 49 Years Male

Goal | Passing Score | Patient Entry | PRT Test Results | Reference: Standard

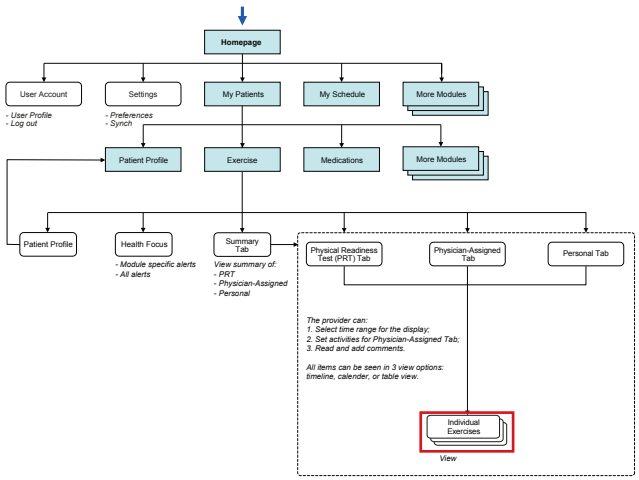
68pt/15:00
66pt/15:10
64pt/15:20
62pt /15:30

Goal

This screen shows the detailed view of "1.5 Mile Run" tracker. The detailed graph view is useful for understanding the trends in history, and comparing the user's status with the goal and references. In this view the user can also see who has entered which record, indicated by the shape and color of nodes.

The most recent data entry appears on the top with the associated date, as well as the difference in values compare to the last entry. The triangle icon indicates the increase/decrease in values. The color, red, indicates that the change is unfavorable.

In addition, the background color of the graph is indicates ranges of performance level. The color green indicates good, and the red indicates unfavorable.



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EXERCISE: PA SUMMARY

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Exercise

Search Exercise

Patient Profile

Isaac Goodman
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SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Exercise (2) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
	March 11	Exercise	PRT — Weight	Below passing score
	March 11	Exercise	PRT — Push Ups	Satisfactory score

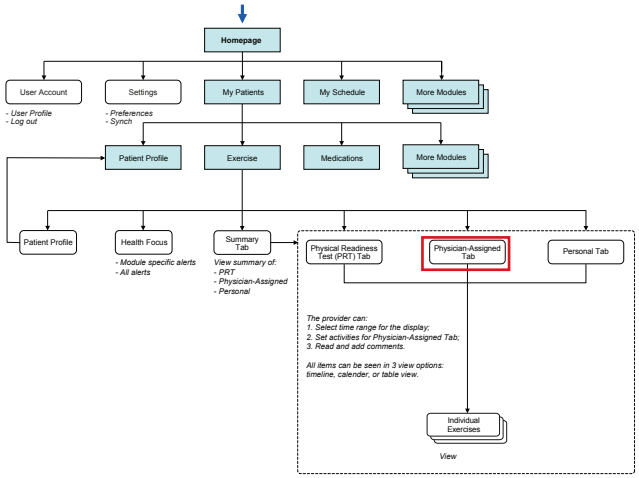
Summary | Physical Readiness Test | Physician-assigned | Personal

+ Set Activities | + Add Comments

Time Range: 1d 1wk 1mo 3mo 1yr 3yr All Custom

No activities yet

The user clicks on "Physician-assigned" tab to switch view. This tab shows fitness programs assigned by the provider. In this screen, there is no physician-assigned activity yet.



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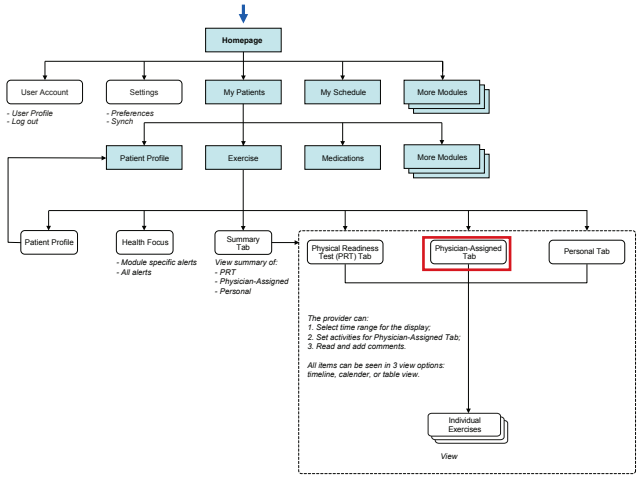
EXERCISE: PA SET ACTIVITIES

The user can access *Manage Assigned Activities* window by clicking the "+ Set Activities" button in the top left.

Here the provider can assign activities to patient. The provider can either select an activity template from the list or create his own.



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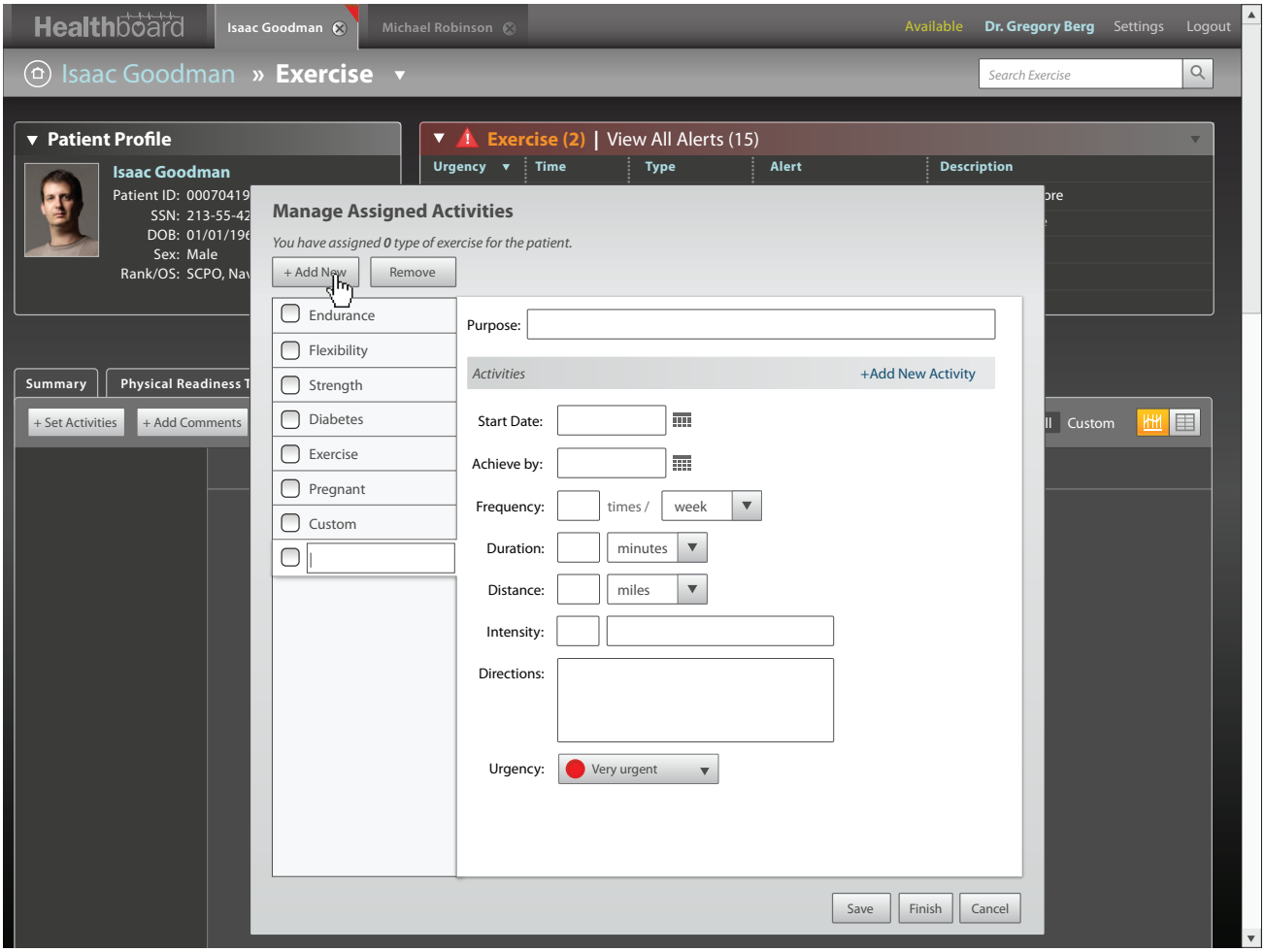
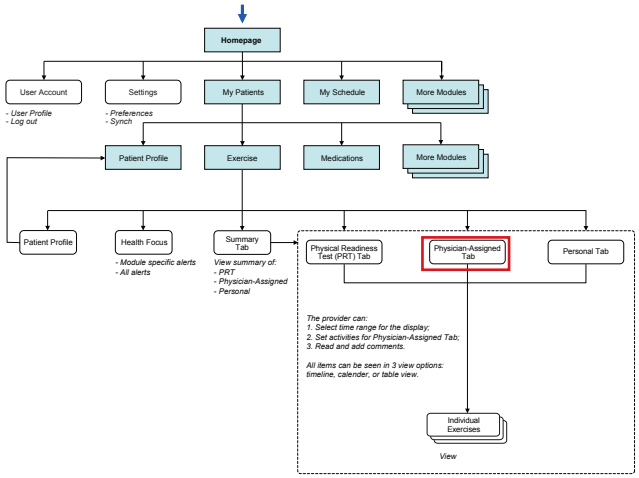
EXERCISE: PA SET ACTIVITIES (CONTINUED)



The user clicks the "+ Add New" button. In the right column the provider sees options for the new activity, such as purpose, start date, frequency, duration, etc.



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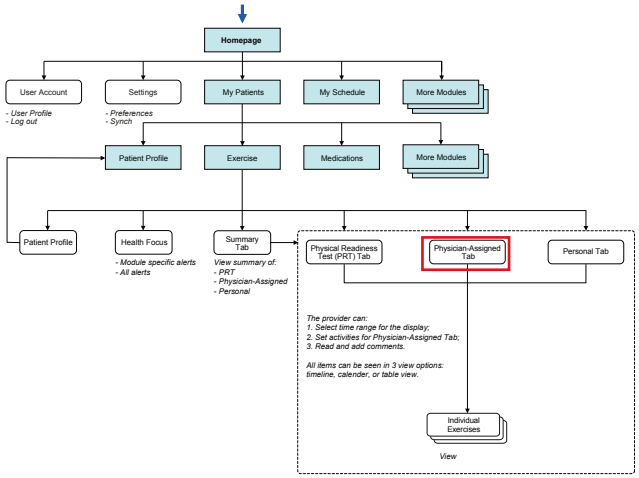
EXERCISE: PA SET ACTIVITIES (CONTINUED)

The user clicks the "+ Add New" button. In the right column the provider sees options for the new activity, such as purpose, start date, frequency, duration, etc.



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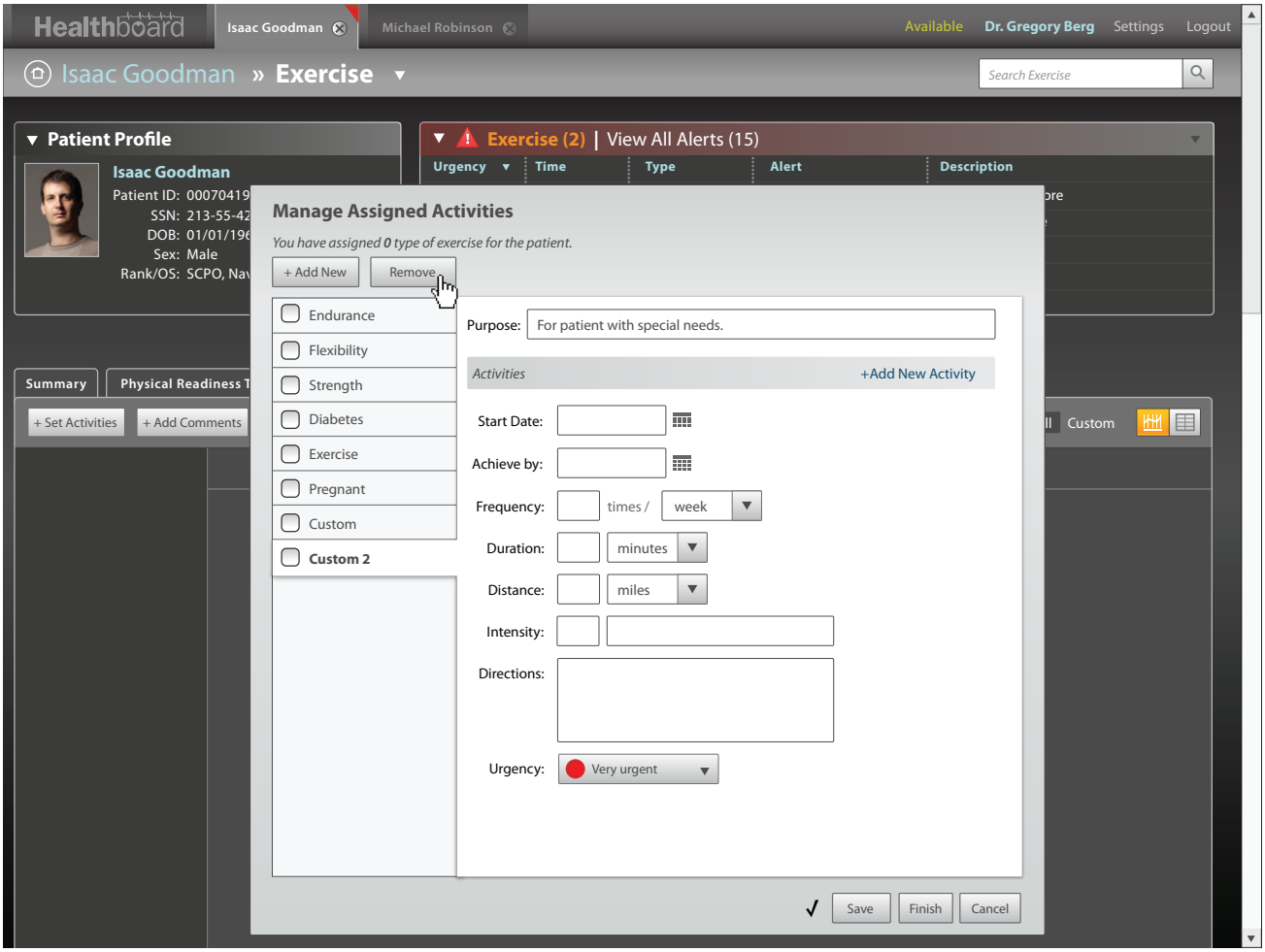
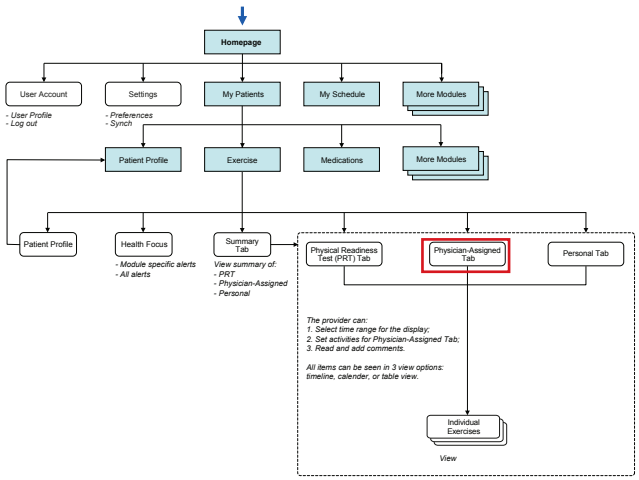
EXERCISE: PA SET ACTIVITIES (CONTINUED)



The user decides to remove this activity from the list and clicks the "Remove" button.



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EXERCISE: PA SET ACTIVITIES (CONTINUED)

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Exercise

Search Exercise

Patient Profile

Isaac Goodman
Patient ID: 00070419
SSN: 213-55-42
DOB: 01/01/196
Sex: Male
Rank/OS: SCPO, Nav

Exercise (2) | View All Alerts (15)

Urgency | Time | Type | Alert | Description

Summary | Physical Readiness T

+ Set Activities | + Add Comments

Manage Assigned Activities

*You have assigned **0** type of exercise for the patient.*

+ Add New | Remove

- Endurance
- Flexibility
- Strength
- Diabetes
- Exercise
- Pregnant
- Custom
- **Custom 2**

Purpose: For patient with special needs.

Activities +Add New Activity

Are you sure you want to delete Custom 2?

Delete this item | Do not delete this item

Duration: minutes

Distance: miles

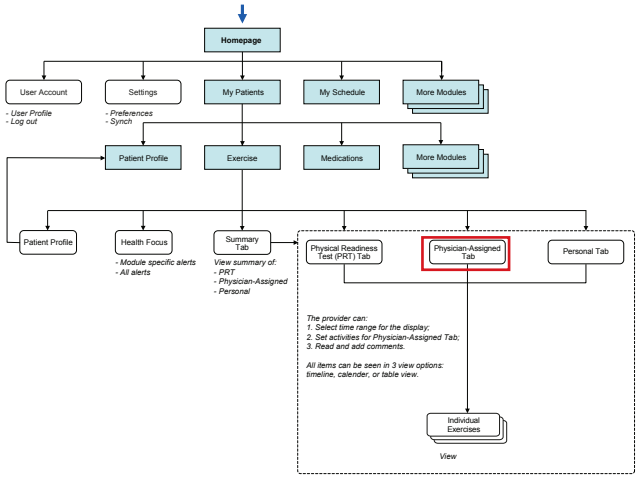
Intensity:

Directions:

Urgency: Very urgent

Save | Finish | Cancel

A popup window appears to confirm the action. The user selects "Delete this item."



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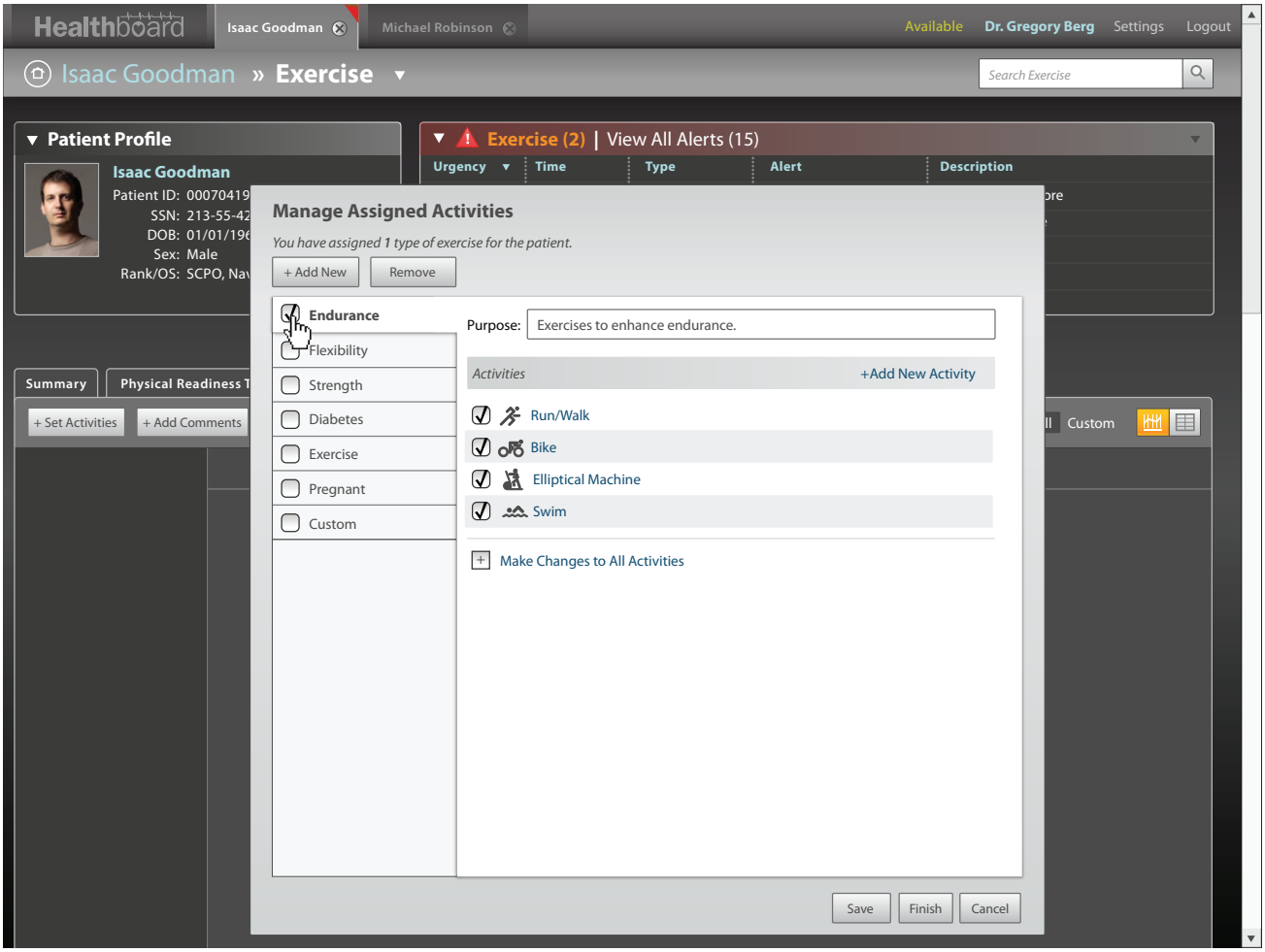
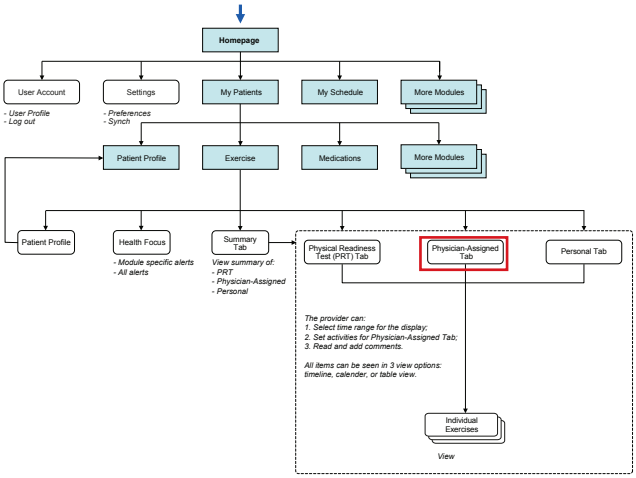
EXERCISE: PA SET ACTIVITIES (CONTINUED)



The user selects “Endurance” in the template list.



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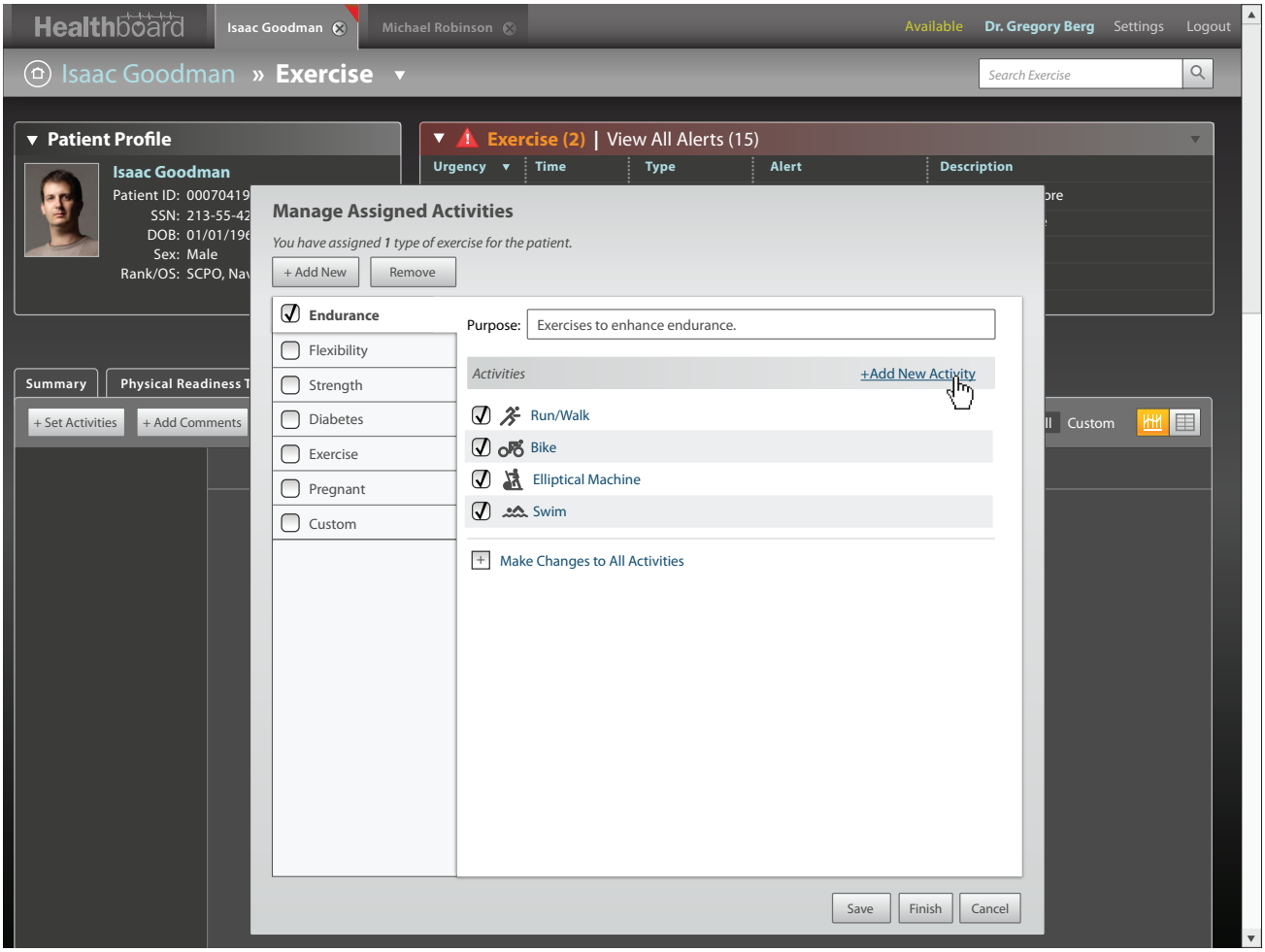
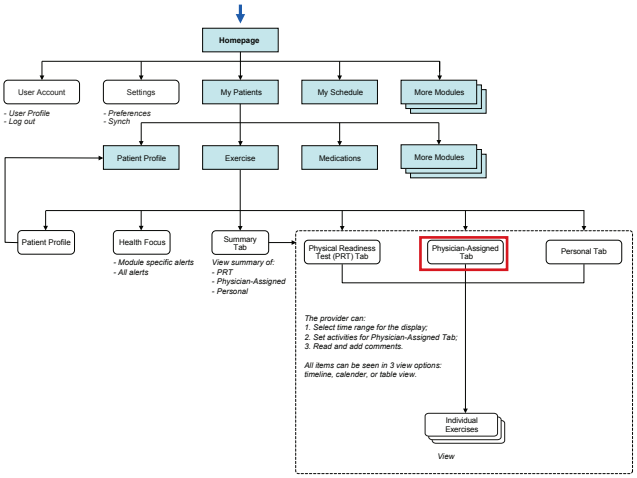
EXERCISE: PA SET ACTIVITIES (CONTINUED)



The user clicks on the "+ Add New Activity" link.



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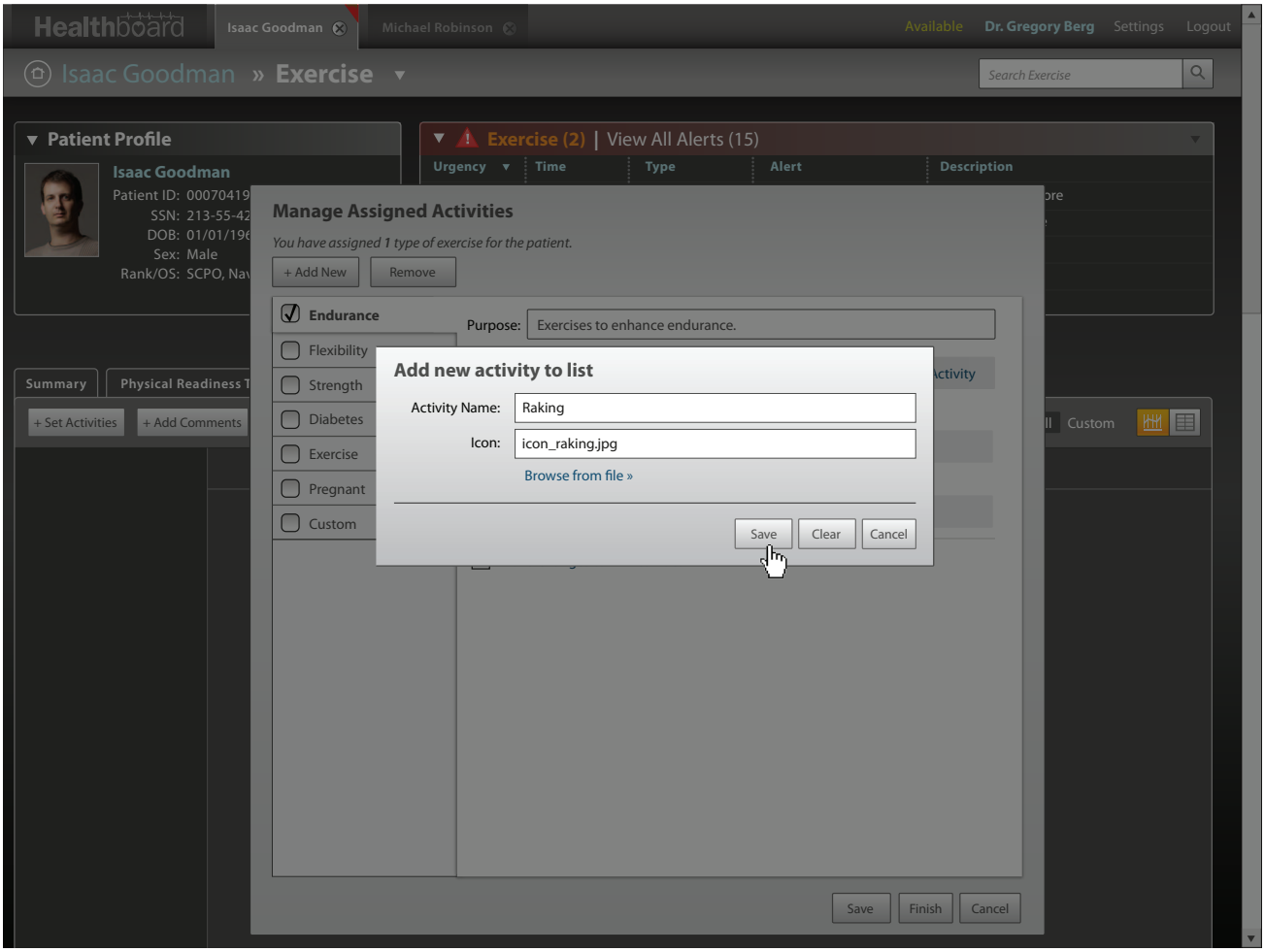
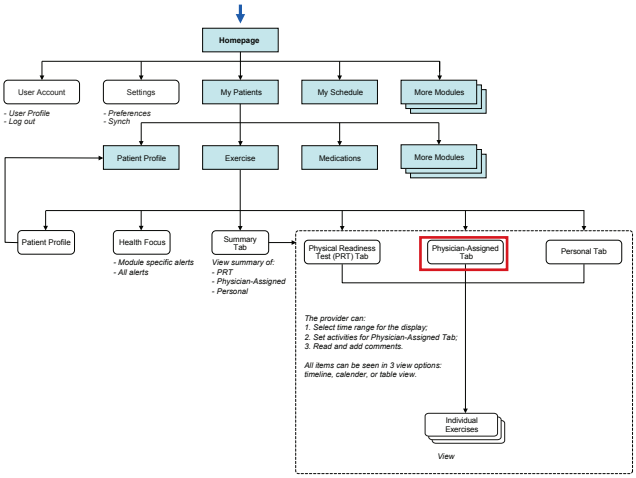
EXERCISE: PA SET ACTIVITIES (CONTINUED)



A popup window appears offering the user a text field to enter "Activity Name" and link to upload an icon for the activity.



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EXERCISE: PA SET ACTIVITIES (CONTINUED)

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Exercise

Search Exercise

Patient Profile

Isaac Goodman
Patient ID: 00070419
SSN: 213-55-42
DOB: 01/01/196
Sex: Male
Rank/OS: SCPO, Nav

Exercise (2) | View All Alerts (15)

Urgency | Time | Type | Alert | Description

Summary | Physical Readiness T

+ Set Activities | + Add Comments | Custom

Manage Assigned Activities

You have assigned 1 type of exercise for the patient.

+ Add New | Remove

- [x] Endurance
- [ ] Flexibility
- [ ] Strength
- [ ] Diabetes
- [ ] Exercise
- [ ] Pregnant
- [ ] Custom

Purpose: Exercises to enhance endurance.

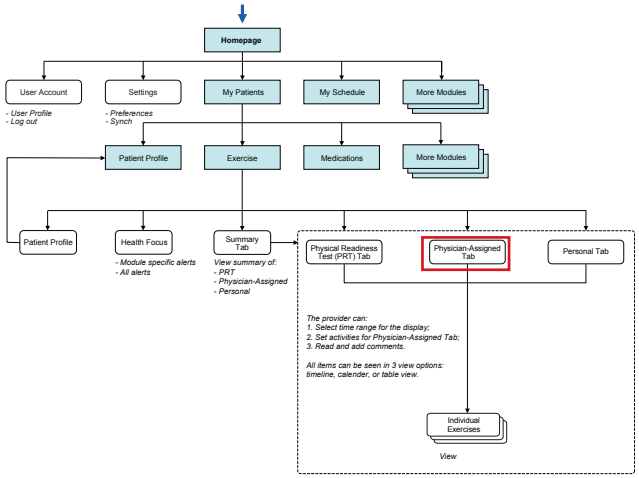
Activities +Add New Activity

- [x] Run/Walk
- [x] Bike
- [x] Elliptical Machine
- [x] Swim
- [x] Raking Delete

Make Changes to All Activities

Save | Finish | Cancel

As the user hovers over an activity, the "Delete" link appears. The user selects "Delete."



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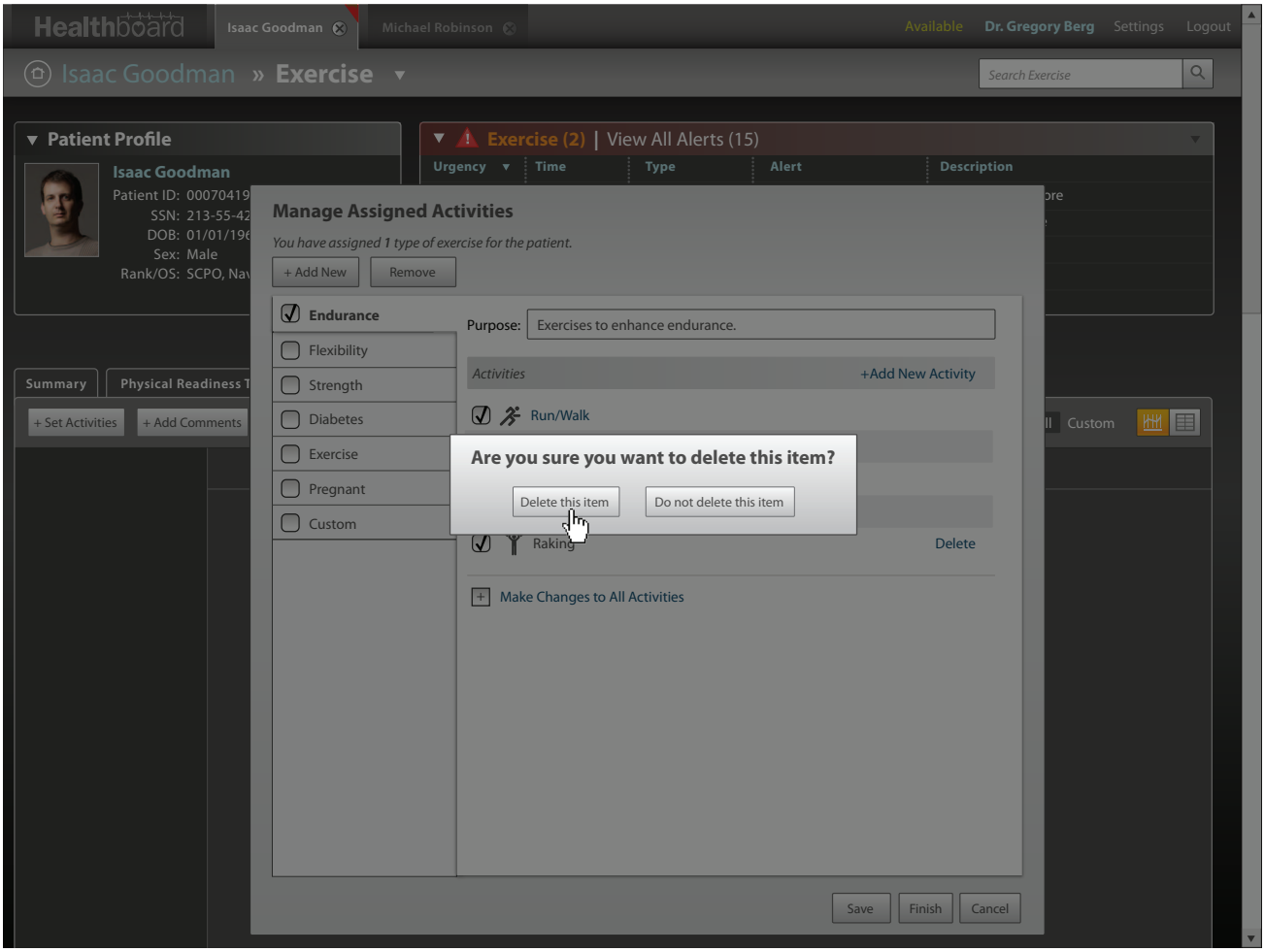
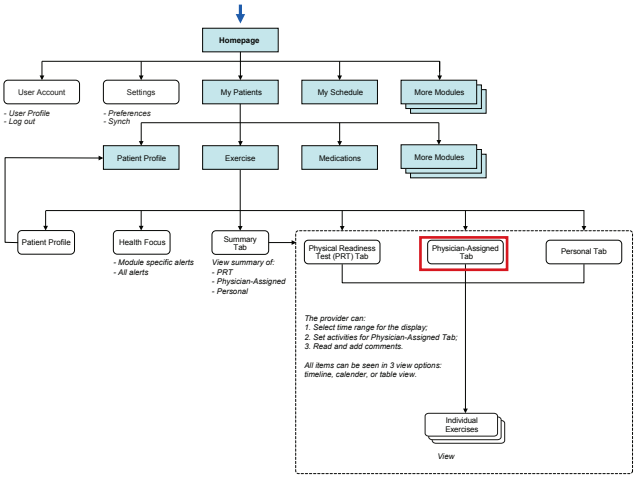
EXERCISE: PA SET ACTIVITIES (CONTINUED)



A popup window appears to confirm the action. The user selects "Delete this item."



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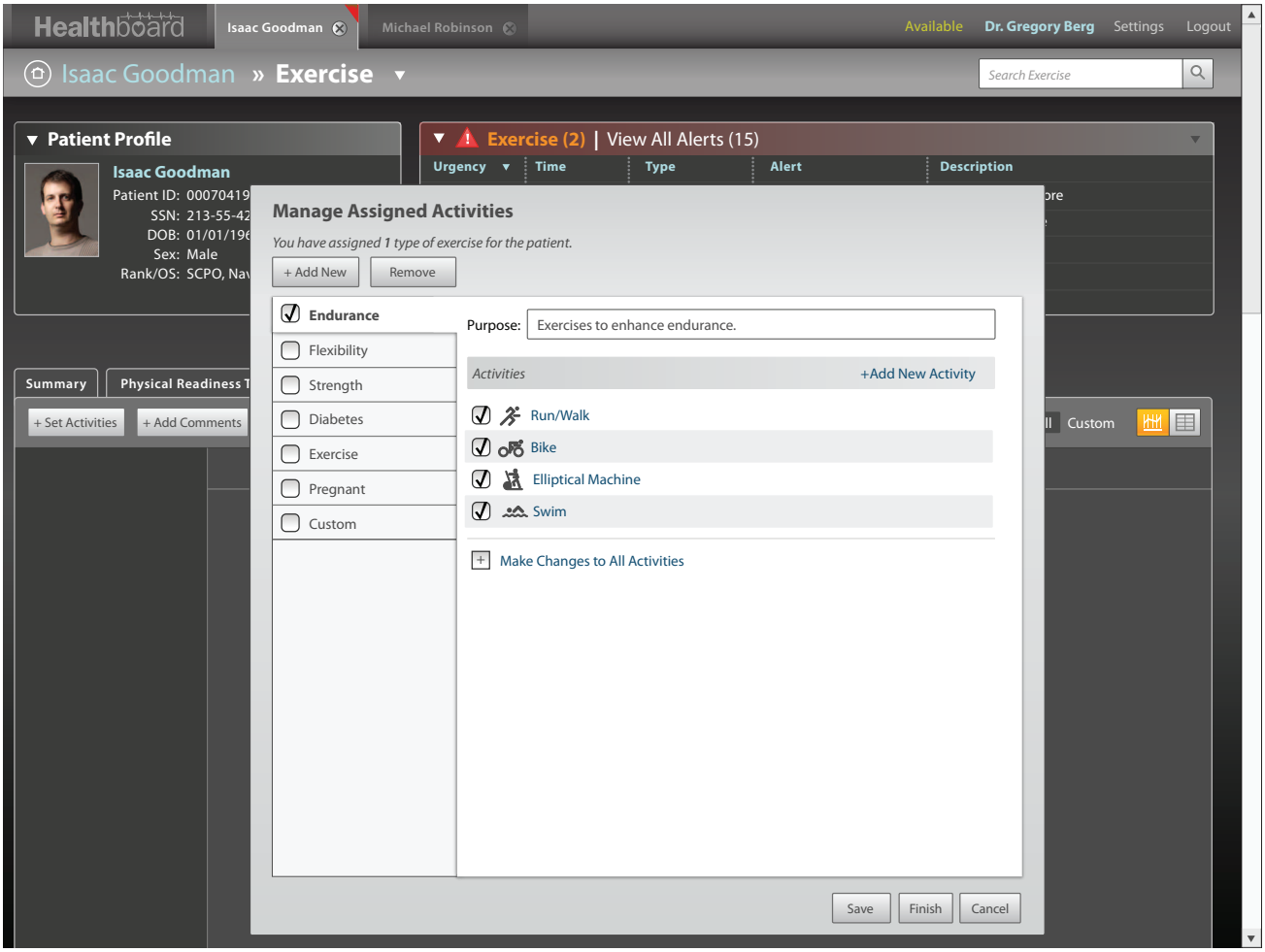
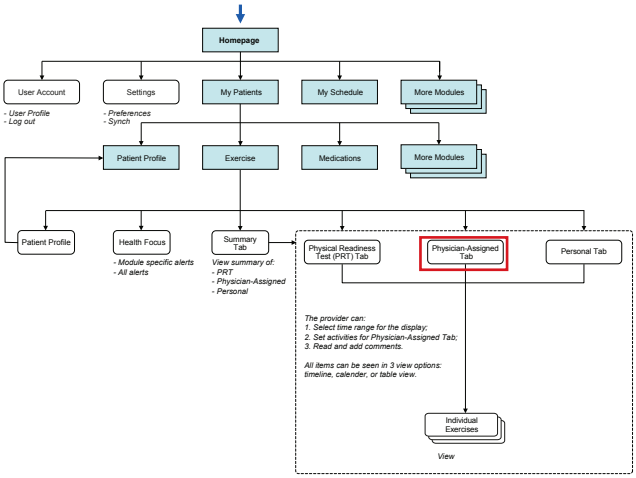
EXERCISE: PA SET ACTIVITIES (CONTINUED)



The activity is deleted.



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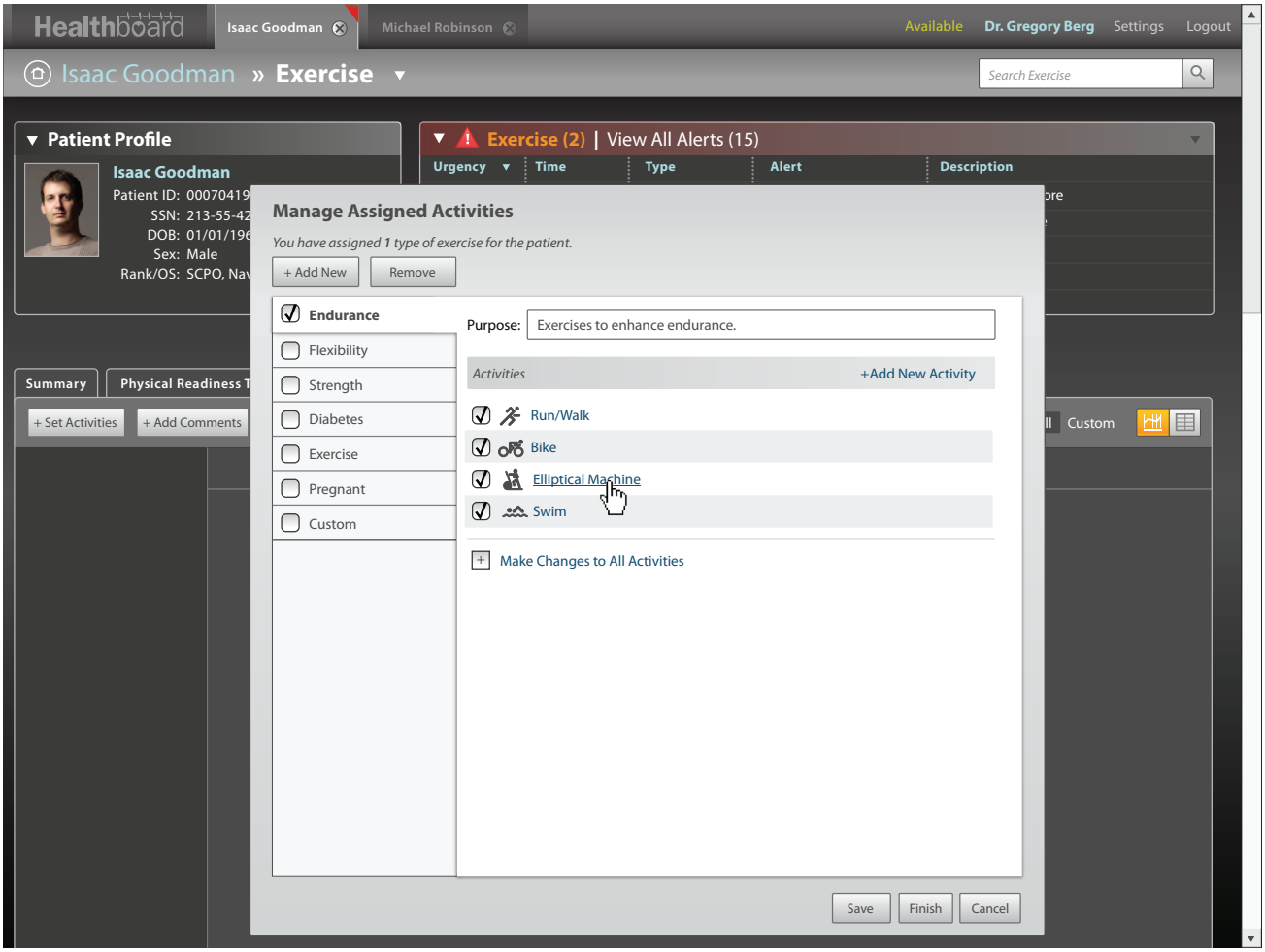
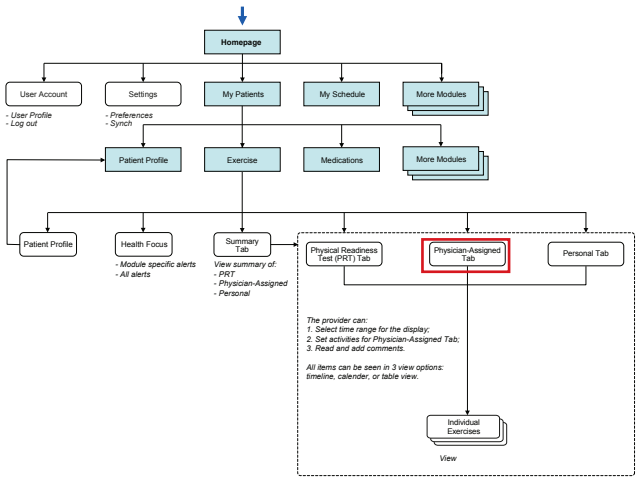
EXERCISE: PA SET ACTIVITIES (CONTINUED)



The user clicks "Elliptical Machine."



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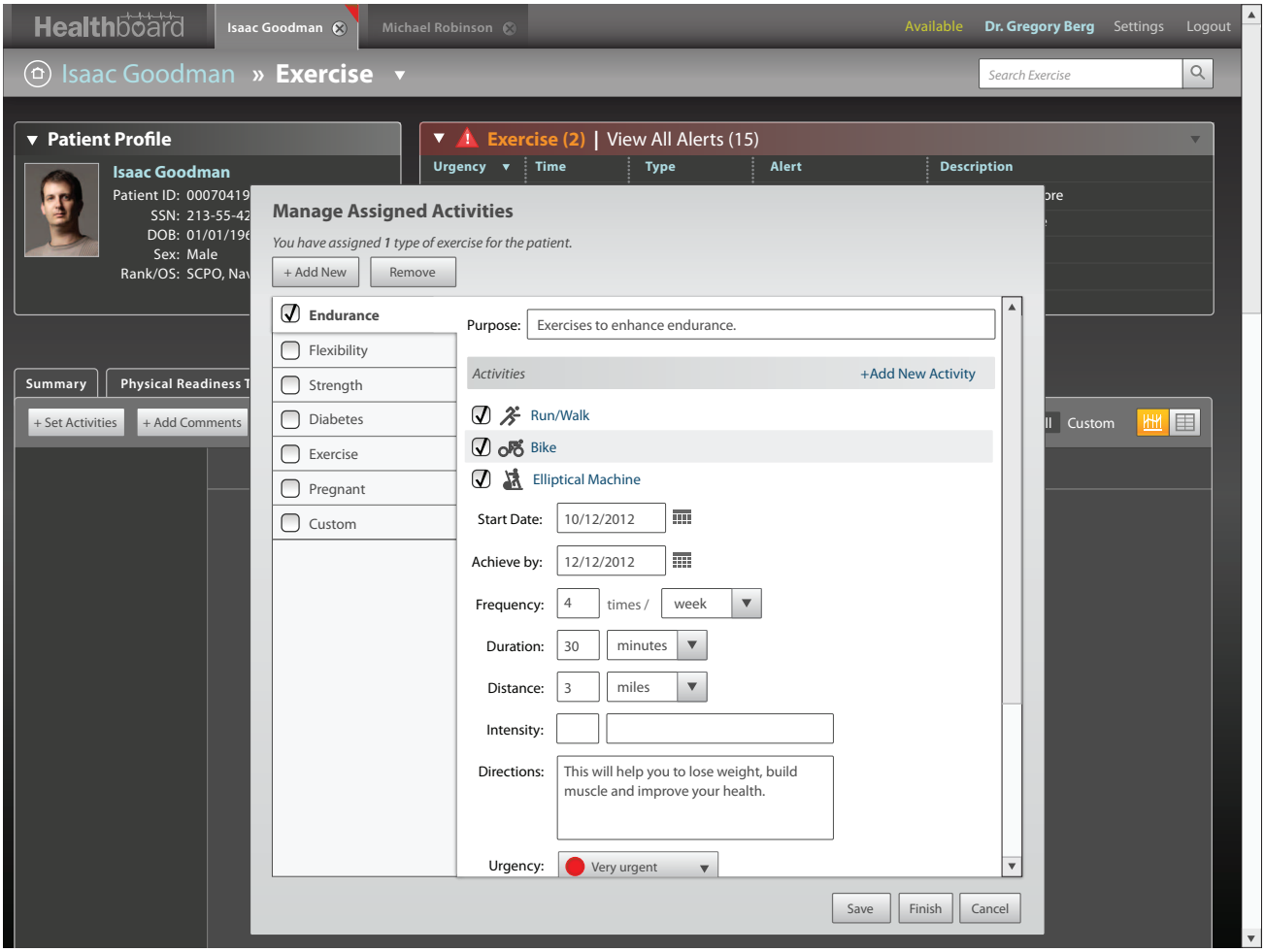
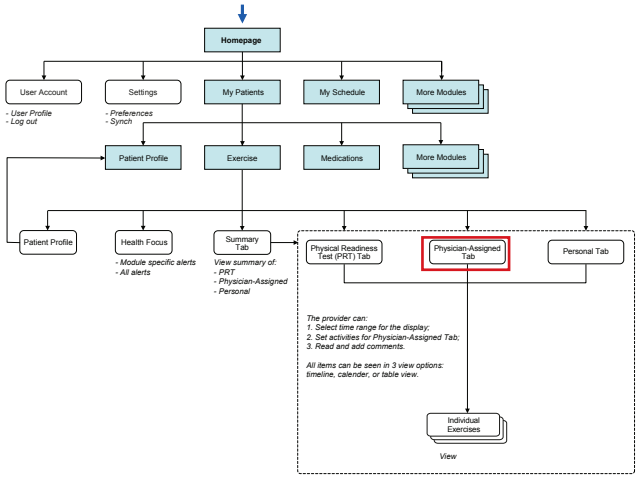
EXERCISE: PA SET ACTIVITIES (CONTINUED)



The section opens revealing parameters for the activity, such as start date, frequency, duration, distance, directions, and urgency.



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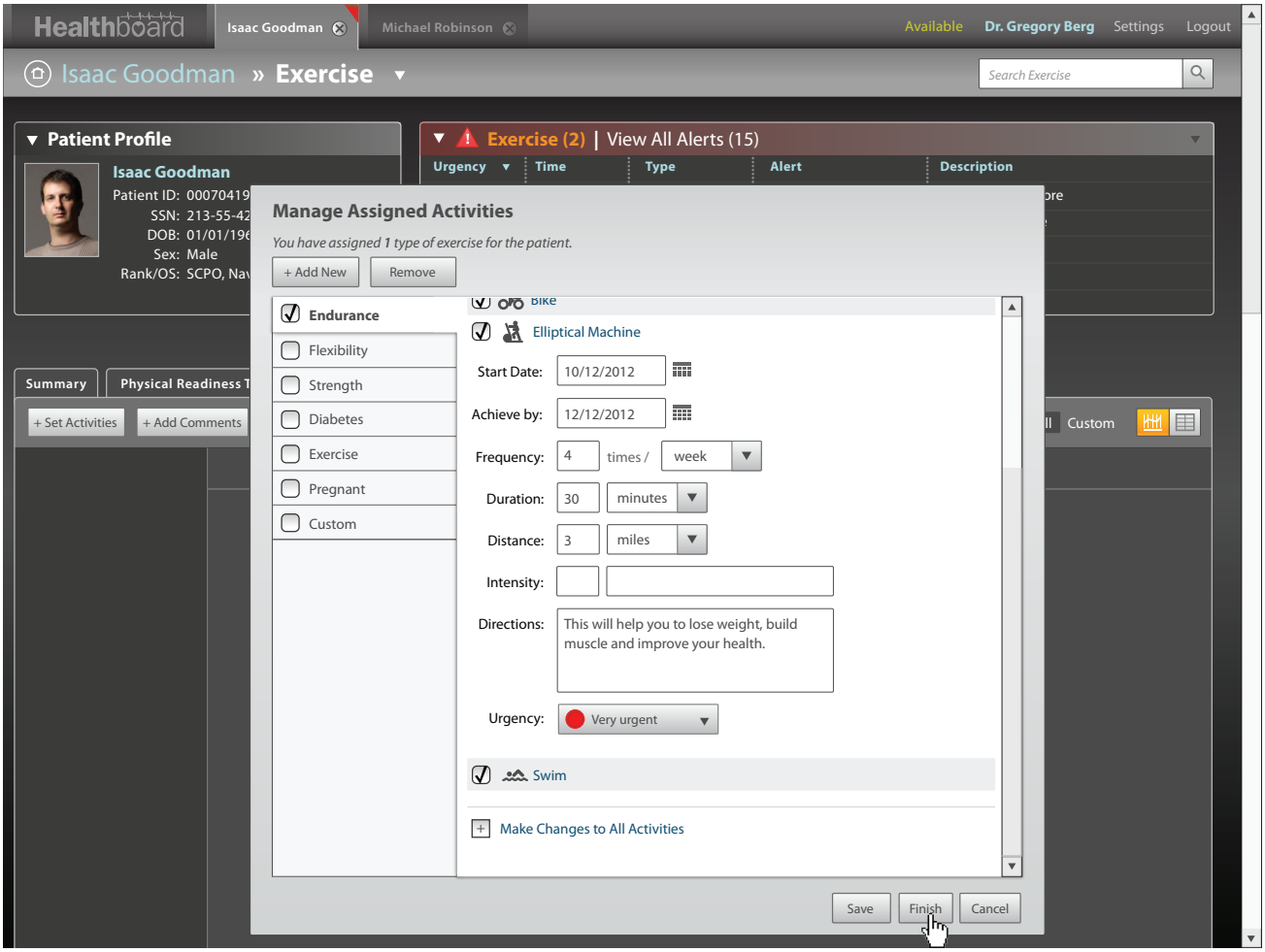
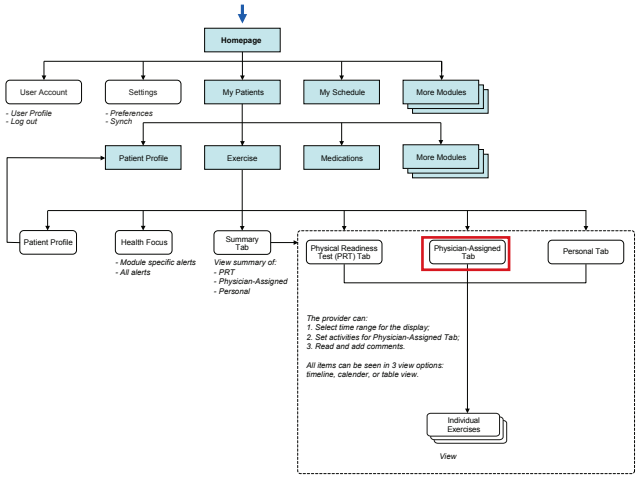
EXERCISE: PA SET ACTIVITIES (CONTINUED)



The user scrolls down and clicks the “Finish” button.



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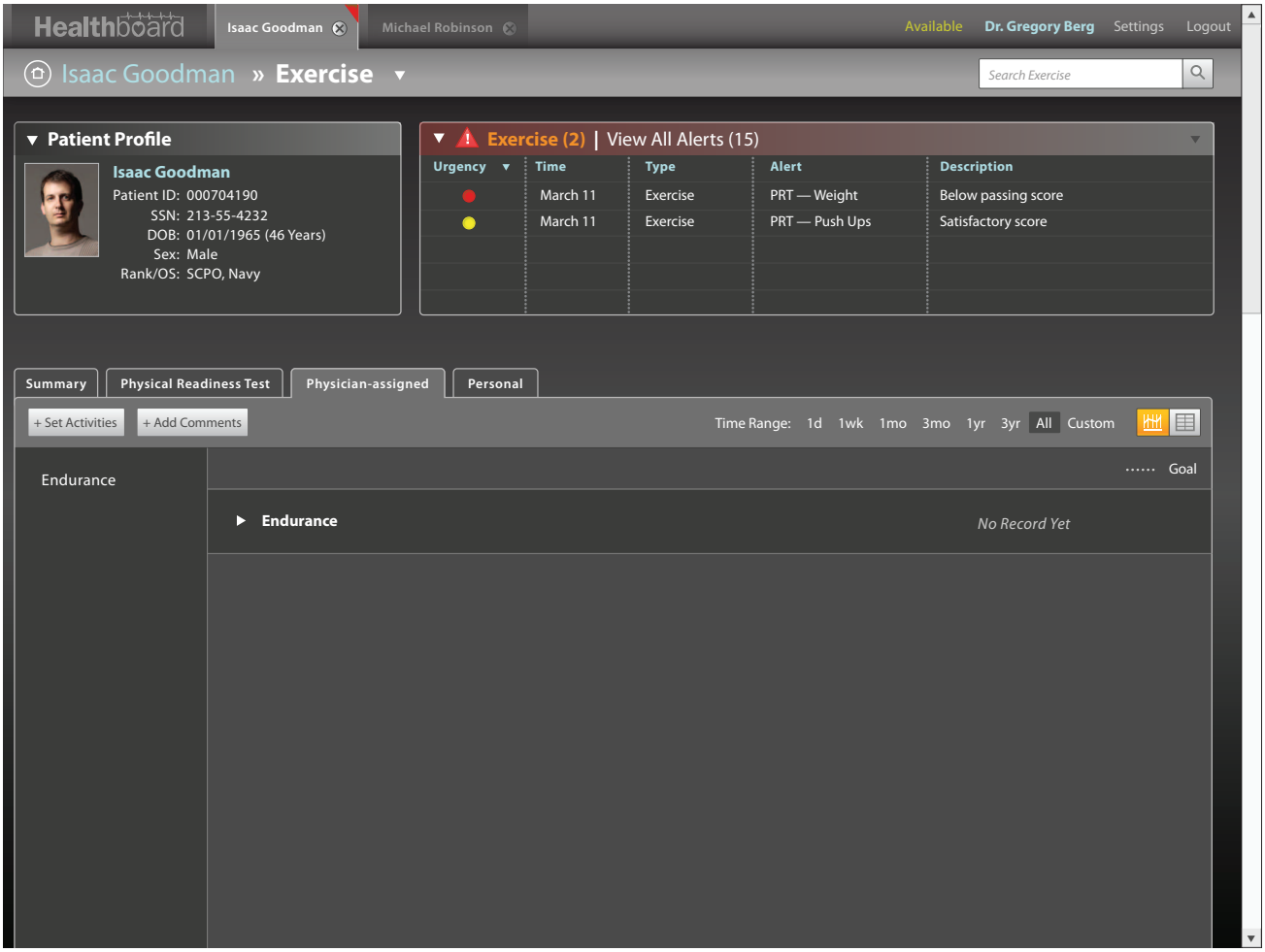
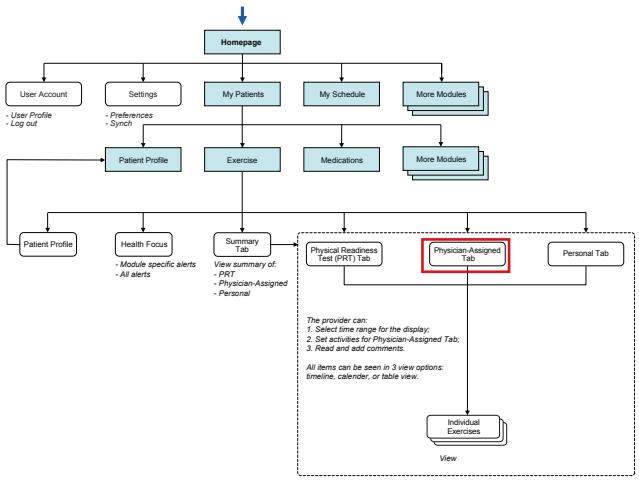
EXERCISE: NEW ACTIVITY



The new activity, *Endurance*, is added to the Physician-assigned activity list.



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EXERCISE: NEW ACTIVITY (CONTINUED)

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

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Search Exercise

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Isaac Goodman
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DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

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Urgency	Time	Type	Alert	Description
	March 11	Exercise	PRT — Weight	Below passing score
	March 11	Exercise	PRT — Push Ups	Satisfactory score

Summary | Physical Readiness Test | Physician-assigned | Personal

+ Set Activities | + Add Comments | Time Range: 1d 1wk 1mo 3mo 1yr 3yr All Custom

Endurance
Run / Walk
Bike

A few days later...

Goal

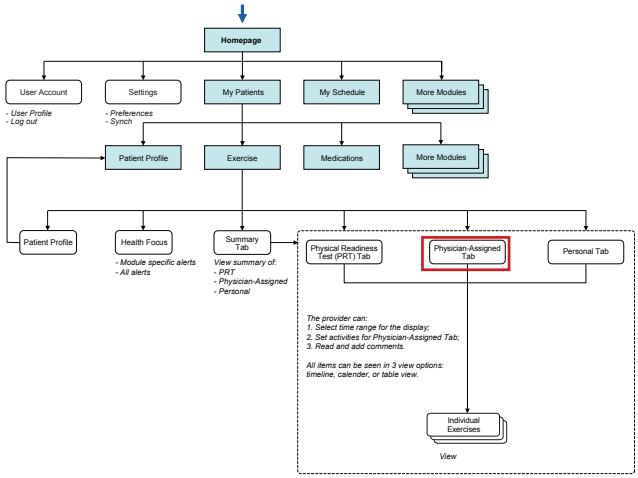
Comments — Provider Entry — Patient Entry

Endurance

Run / Walk — 30 — **29** minutes — *March 20, 2011*

Bike — 30 — **32** minutes — *March 21, 2011*

As the patient records the assigned activities, progress will be shown in the "Physician-assigned" tab. The user can see here that the patient has done two endurance exercises, "1.5 Mile Run" and "Bike."



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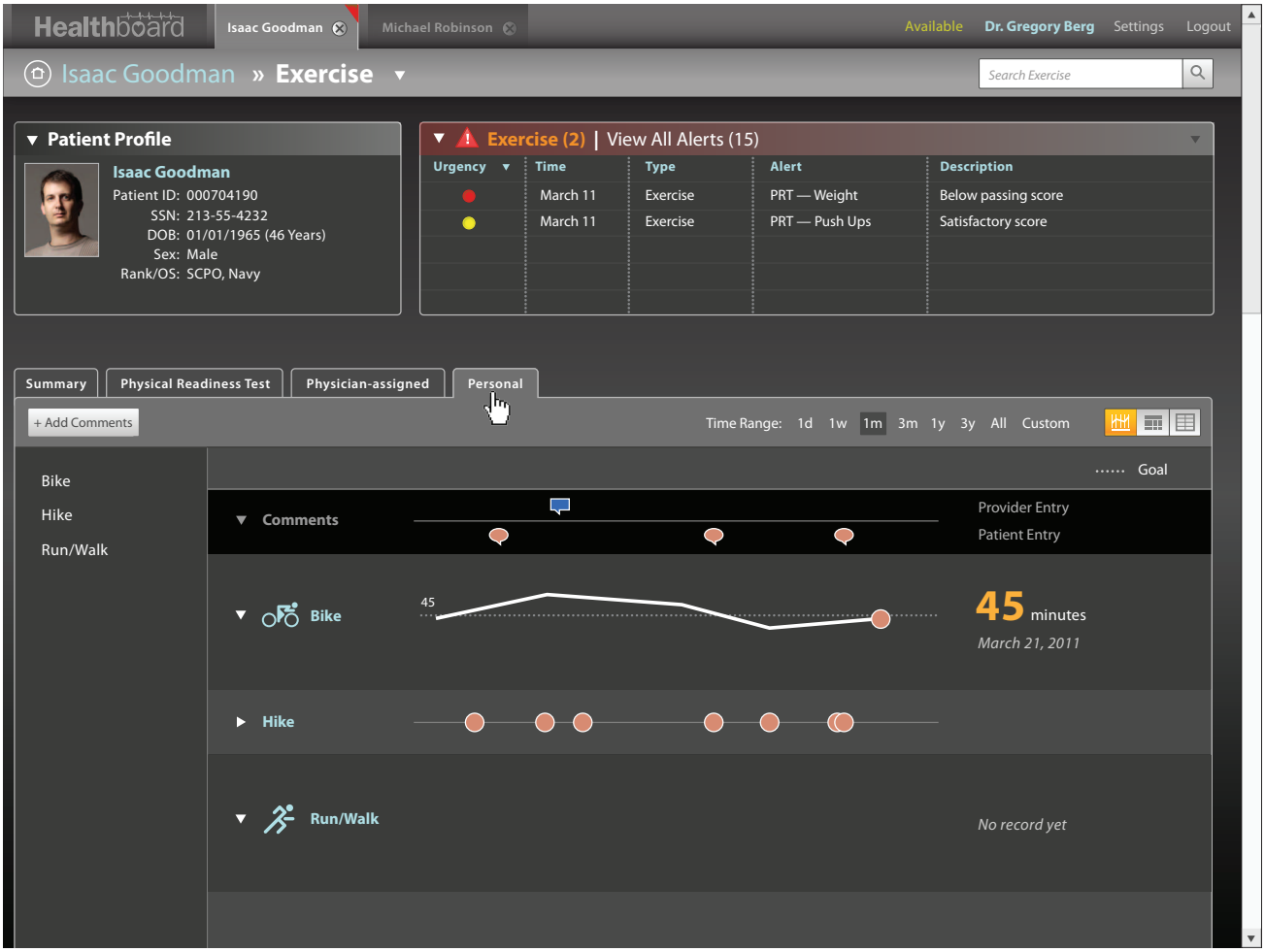
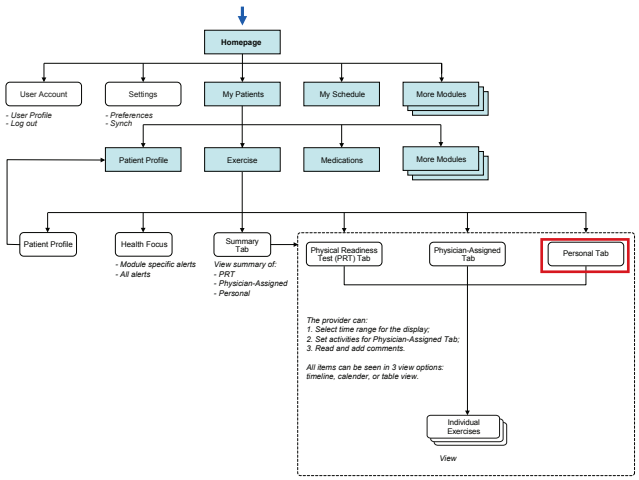
EXERCISE: PERSONAL



The user can see patient's activities within the "Personal" tab, as well as view comments by both the provider and the patient. For Hike, the patient has entered an activity (or tracker) that only has a text input. Shown is the visualization of the input for a text comment (e.g., "Hiked 5 miles in Grand Canyon"), which the provider can click to view such comment.



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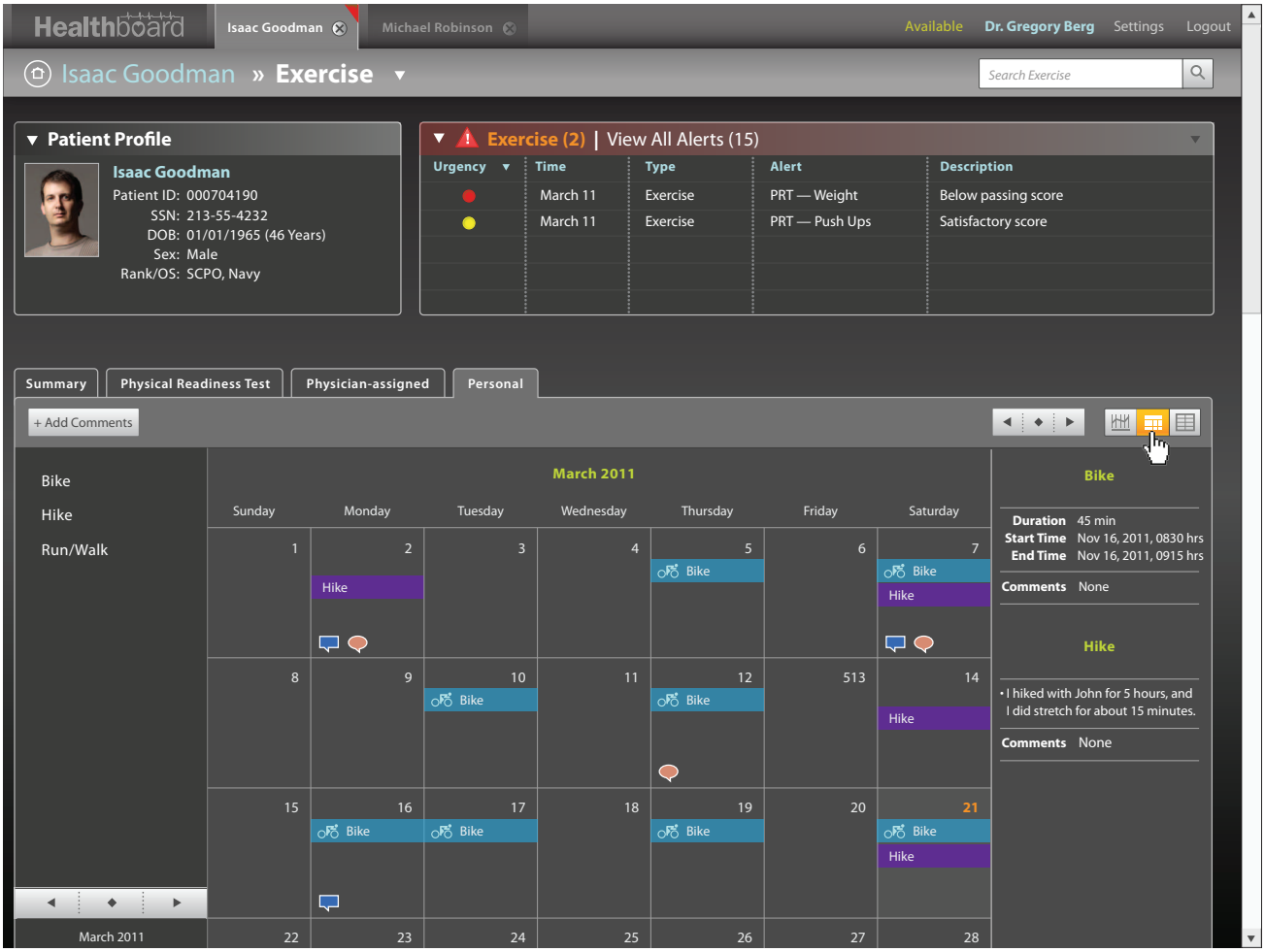
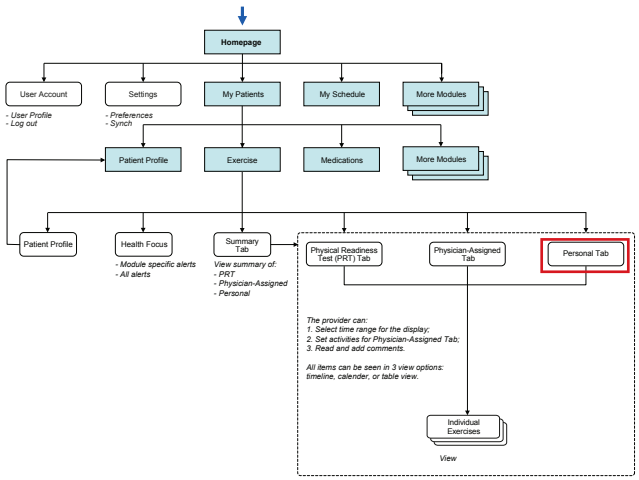
EXERCISE: CALENDER VIEW



The user can switch to calendar's view to see upcoming and past activities by the patient and associated comments to each day. Author of a comment is indicated by the shape and color of icon (e.g., blue square bubble for the provider, and pink oval bubble for the patient). By default, "today" is shown with a slightly lighter gray background and orange number (e.g., "21"), and a preview appears in the right column (shown).



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EXERCISE: ADD COMMENT

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Exercise

Search Exercise

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Exercise (2) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
	March 11	Exercise	PRT — Weight	Below passing score
	March 11	Exercise	PRT — Push Ups	Satisfactory score

Summary | Physical Readiness Test | Physician-assigned | Personal

+ Add Comments

Bike
Hike
Run/Walk

Sunday | Mon | ... | Saturday

Add comment

Date: March , 2011

Comments: I'm pleased to see that you have been exercising regularly. Keep up the good work!

Add | Clear | Cancel

Bike

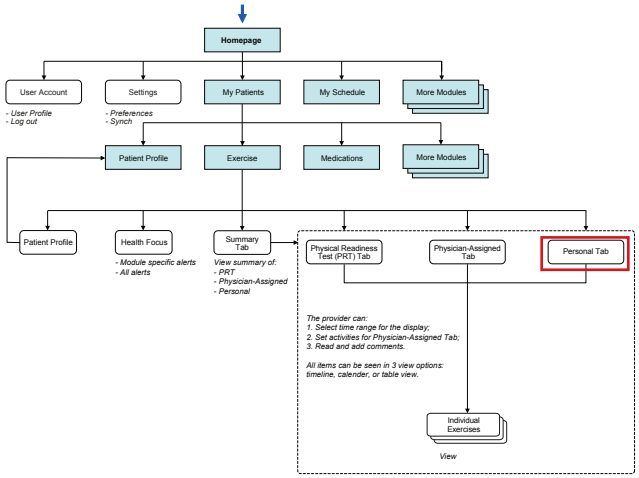
Duration 45 min
Start Time Nov 16, 2011, 0830 hrs
End Time Nov 16, 2011, 0915 hrs
Comments None

Hike

• I hiked with John for 5 hours, and I did stretch for about 15 minutes.
Comments None

March 2011

The user can add comments by clicking the "+Add Comments" button. The provider clicks the "Add" button.



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EXERCISE: ADD COMMENT (CONTINUED)

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Exercise

Search Exercise

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Exercise (2) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
	March 11	Exercise	PRT — Weight	Below passing score
	March 11	Exercise	PRT — Push Ups	Satisfactory score

Summary | Physical Readiness Test | Physician-assigned | Personal

+ Add Comments

Bike
Hike
Run/Walk

March 2011

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2 Hike	3	4	5 Bike	6	7 Bike, Hike
8	9	10 Bike	11	12 Bike	513	14 Hike
15	16 Bike	17 Bike	18	19 Bike	20	21 Bike, Hike
22	23	24	25	26	27	28

March 2011

Bike

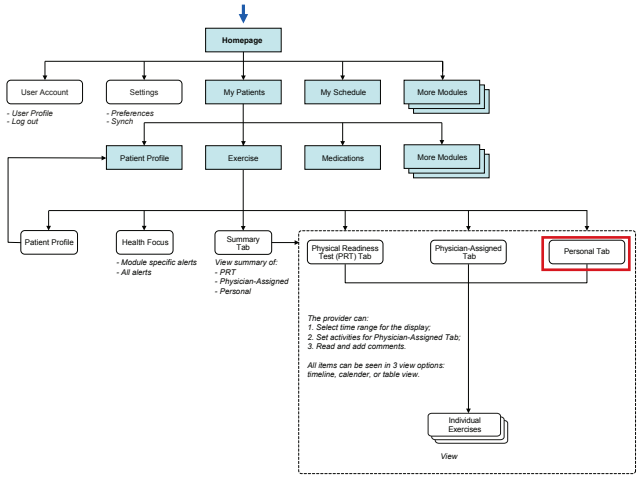
Duration 45 min
Start Time Nov 16, 2011, 0830 hrs
End Time Nov 16, 2011, 0915 hrs
Comments Yes

Hike

• I hiked with John for 5 hours, and I did stretch for about 15 minutes.

Comments Yes

Once a comment is added, it will appear on the set date on the calendar view. A comment icon appears on the bottom of that day's cell (e.g., March 21, as shown).



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EXERCISE: VIEW COMMENT

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Exercise

Search Exercise

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Exercise (2) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
	March 11	Exercise	PRT — Weight	Below passing score
	March 11	Exercise	PRT — Push Ups	Satisfactory score

Summary | Physical Readiness Test | Physician-assigned | Personal

+ Add Comments

Bike
Hike
Run/Walk

March 2011

Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday

Comments:

I'm pleased to see that you have been exercising regularly. Keep up the good work!

– Dr. Gregory Berg, March 21, 2011

Bike

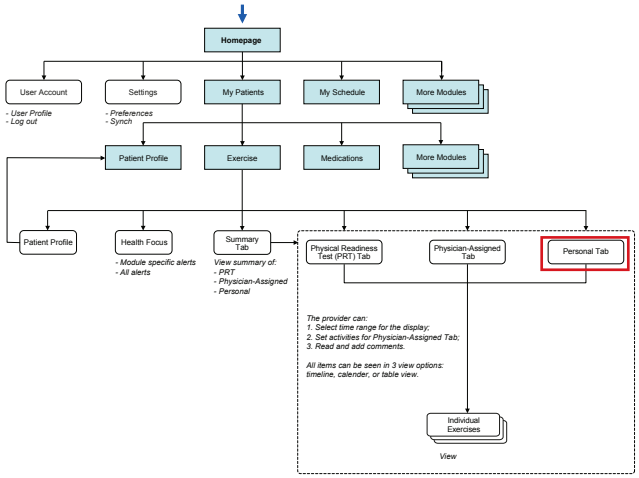
Duration 45 min
Start Time Nov 16, 2011, 0830 hrs
End Time Nov 16, 2011, 0915 hrs
Comments Yes

Hike

• I hiked with John for 5 hours, and I did stretch for about 15 minutes.

Comments Yes

The user can hover over the comment icon in order to view the comment.



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Nutrition

INTRODUCTION This section of the Detailed GUI Volume documents the design of the Provider Portal's *Nutrition* function set for the Visual Dashboard for a Patient Centered Medical Home (PCMH). The documentation includes both workflow diagrams and visual models: the workflow diagrams detail the user experience and interactions within this module, and the visual models present graphic assets and elements within this module.

The following are high-level objectives for *Nutrition*:

- To allow the provider to review patienbt entered nutrition data.
- To allow the provider to enter and edit food plans, suggested food choices (e.g., food to increase, food to limit), and references (e.g., tips, articles) for the patient.
- To provide the user with alerts and warnings on patients' activities.

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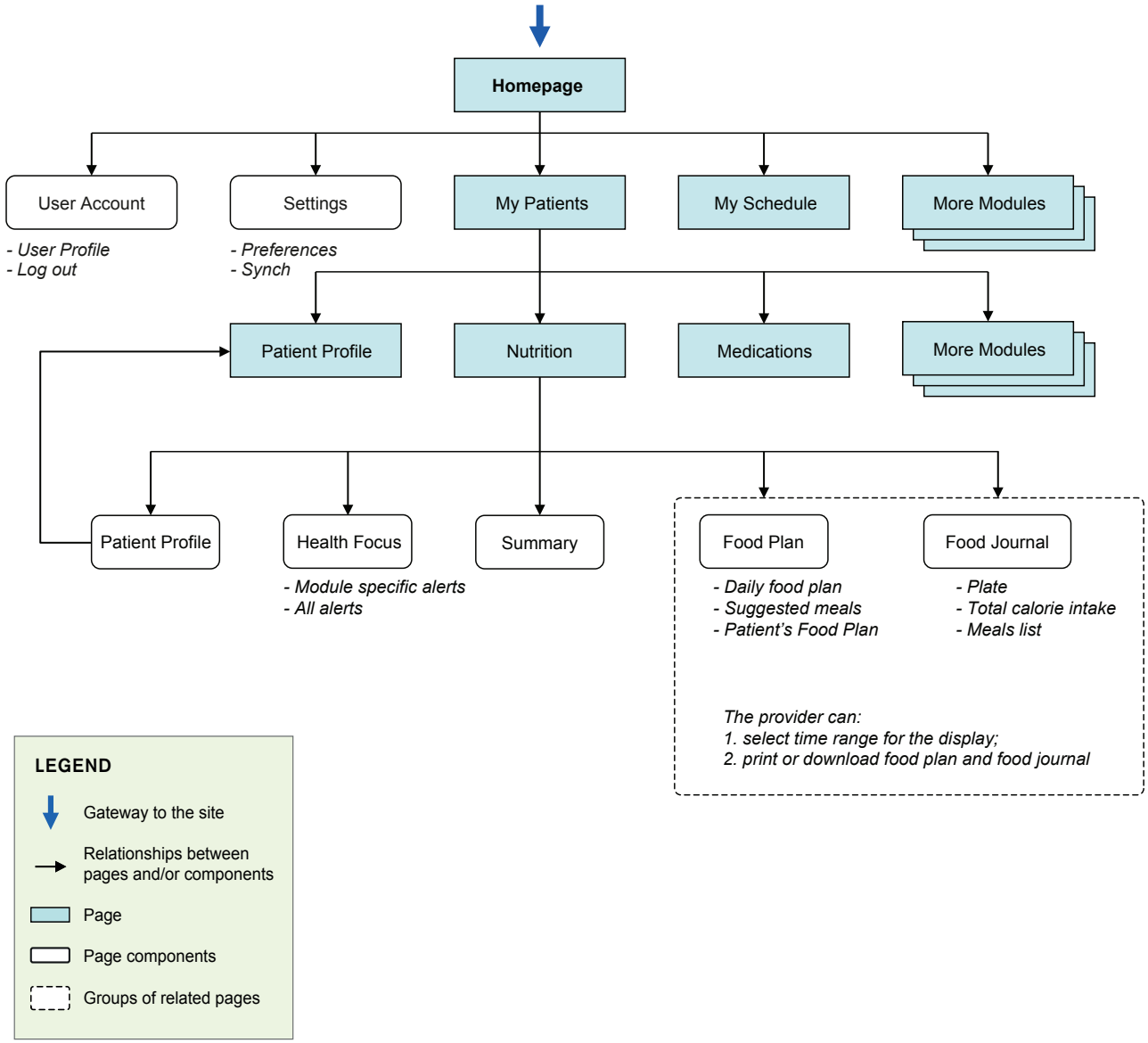
FLOWCHART FOR NUTRITION MODULE



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NUTRITION: LANDING PAGE

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Nutrition

Search Nutrition

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Nutrition (2) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
●	August	Nutrition	Sodium	Excessive intake
●	August	Nutrition	Calories	Excessive intake

Food Journal | Food Plan

Set Food Plan | + Add Comments | Time Range: 1d 1wk 1mo 3mo All Custom

September 8, 2011

Total Calories Taken

2,140 Cals.
Daily Budget 2,000 Calories

+ 2140 Cals. Taken
- 0 Cals. Burned
+2,140 Total Calories Taken

+ 250 Cals. From Fats & Oils
+ 350 Cals. From Sugar
+ 900 Cals. From Alcohol
+1,500 Calories From Extra

Patient's Meal List

Display 10 meals

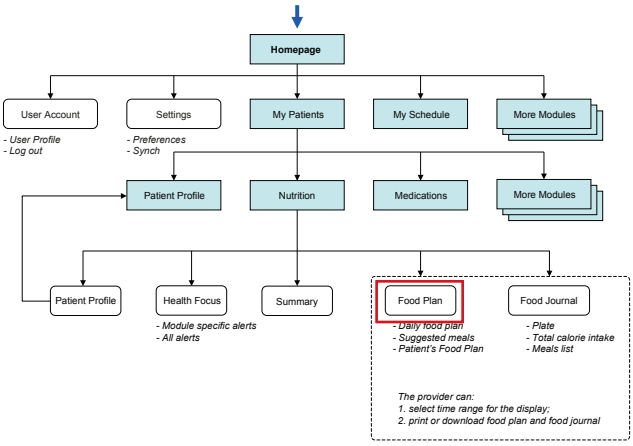
Type	Food	Portion	Calories	Comments	Favorite
Breakfast	spinach quiche	1 piece	342	I love spinach!	☆
Breakfast	canadian bacon	2 slices	85	The bacon was sweet, not smoked...	☆
Breakfast	orange juice	1 glass	112	Orange juice makes my stomach...	★
Lunch	spaghetti and meatballs	1 serving	379		★
Snack	carrots	10 pieces	40		☆

Your Food Plate

Fruits, Grains, Dairy, Vegetables, Protein

Sodium — 2,000 mg.
Fats & Oils — 2 - 3 servings
Sugar — less than 1 servings
Alcohol — less than 2 drinks

This is the landing screen for the Provider's *Nutrition* module. The leftmost column within the active tab, Food Journal, presents patient's total calories taken. The recent meal list and current Food plate are also displayed to give the provider the most recent information about food intake.



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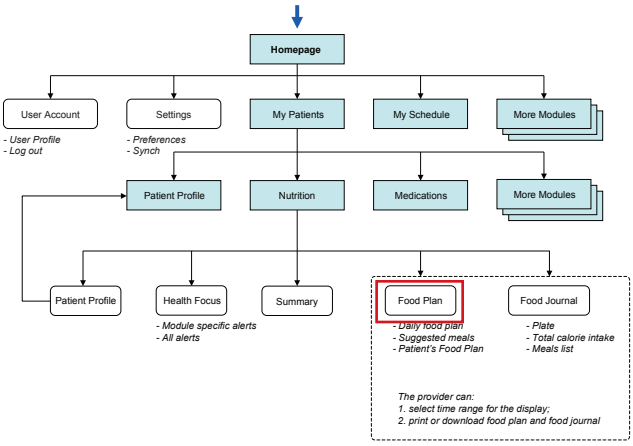
NUTRITION: FOOD PLAN

The profile and Health Focus is minimized. The "Food Plan" tab displays the plan and tips entered by the provider team.



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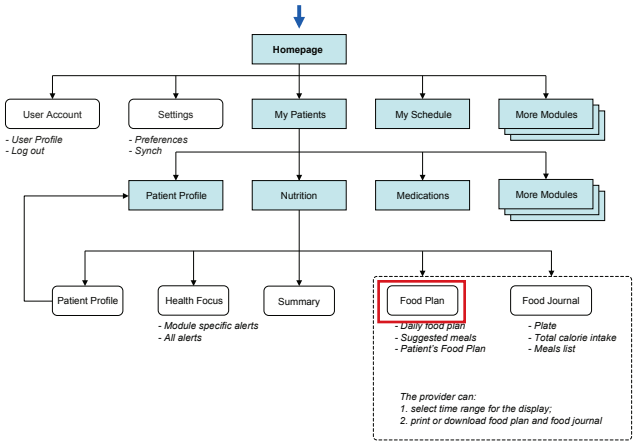
NUTRITION: SET FOOD PLAN

The user can enter or select a food plan for the patient by clicking the "Set Food Plan" button. The welcome screen guides the new user through the steps required to set a food plan. The selected plan for the patient is displayed at the dropdown on top of the popup.



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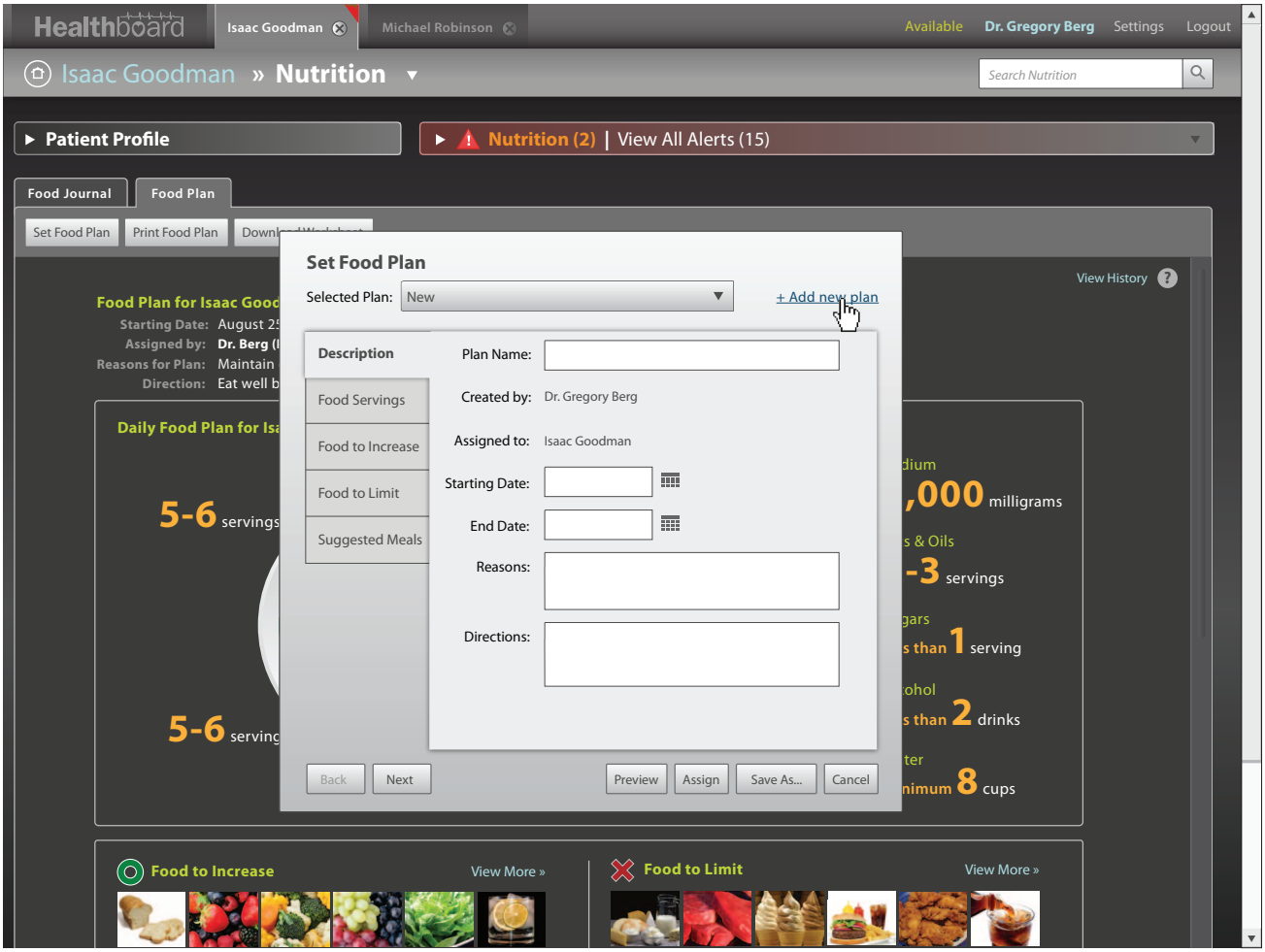
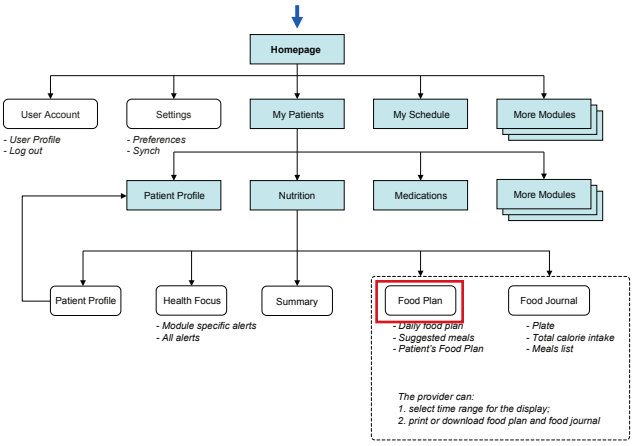
NUTRITION: SET FOOD PLAN — ADD NEW



The user may add a new plan with the "+ Add new plan" link to create a new template for the food plan.



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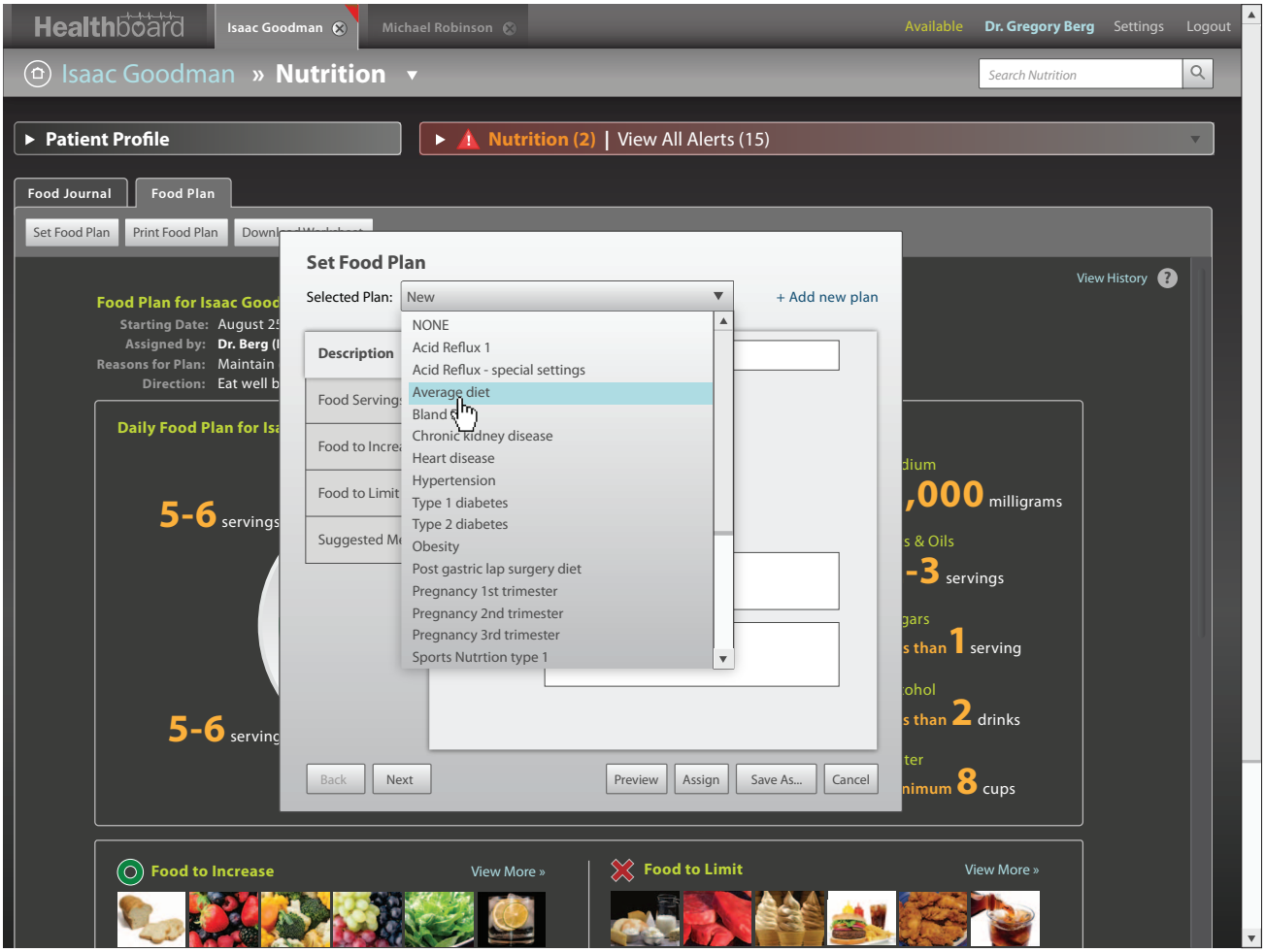
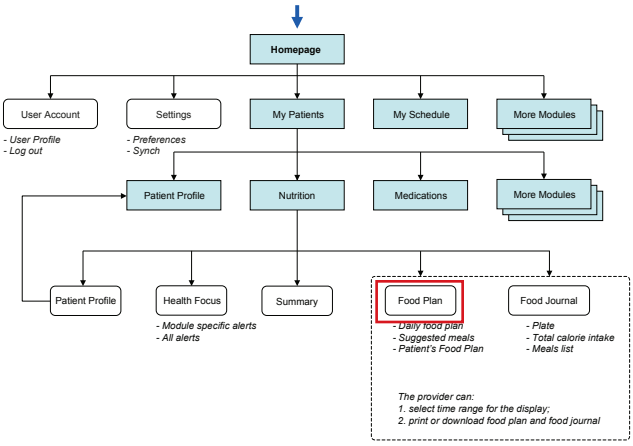
NUTRITION: SET FOOD PLAN — AVERAGE DIET



The user selects "Average diet" from the drop-down menu.



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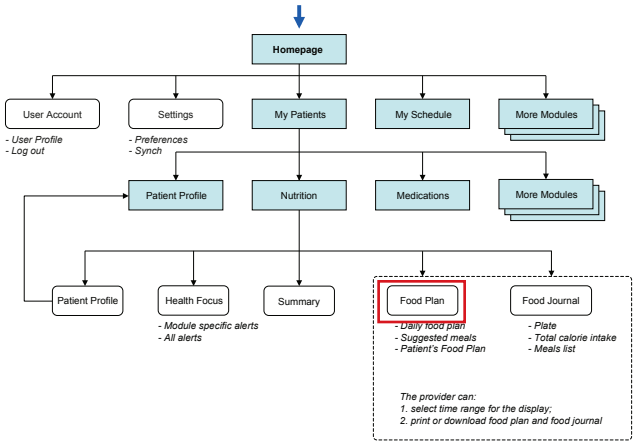
NUTRITION: SET FOOD PLAN

There are two methods allowing the user to go to the next step in the "Set Food Plan" window. One is clicking the "Next" button and the other is by clicking the next tab, in this case, the "Food Servings" tab. The user may click any tabs directly not to follow steps in order and/or skip unwanted steps.

The provider can skip steps and click on any tab without going through Food Servings, Food to Increase and so on. The user may click the "Finish" button complete the process without going through each step as he does not wish to modify the selected plan.



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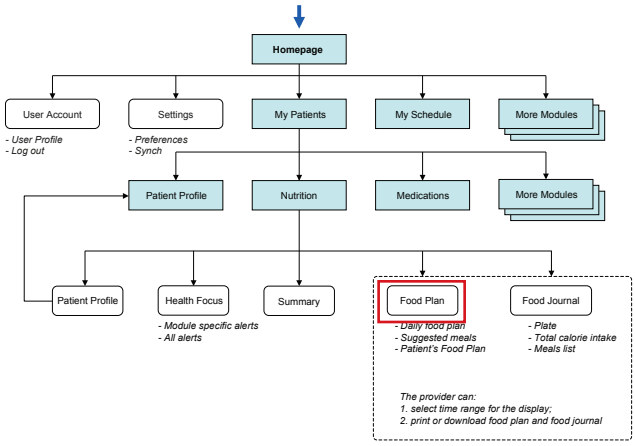
NUTRITION: SET FOOD SERVINGS

The user can enter and adjust values for Food Plan in the "Food Servings" tab.



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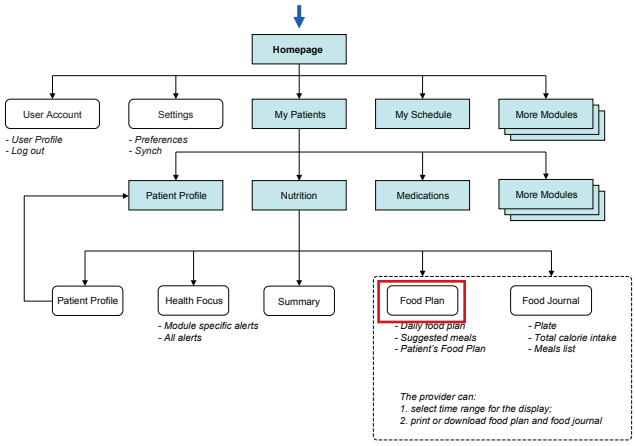
NUTRITION: SET FOOD SERVINGS (CONTINUED)

The user can manage the portions of "Food Servings" by clicking the dropdown menu to adjust the options.



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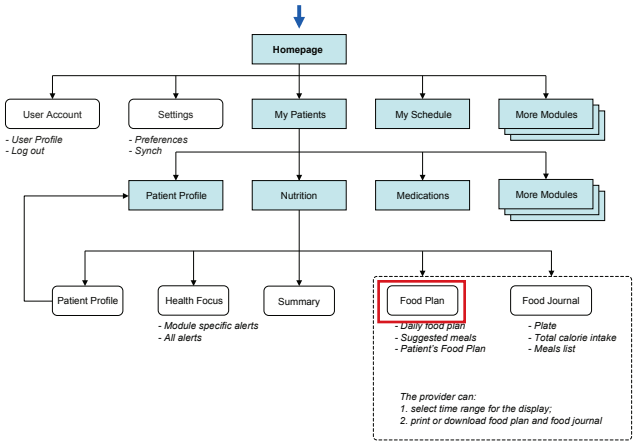
NUTRITION: SET FOOD SERVINGS (CONTINUED)

The user can remove, create, and manage food servings categories by clicking the "Manage Food Trackers" link.



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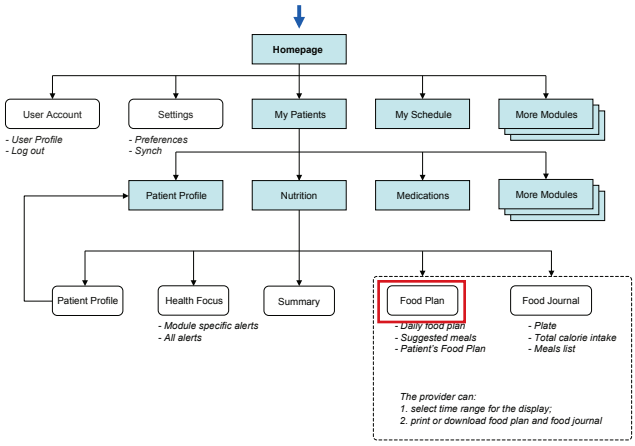
NUTRITION: MANAGE FOOD SERVINGS

The user can add a new food servings category through the "+Add more Food Tracker" link. The user also has the option to uncheck existing options.



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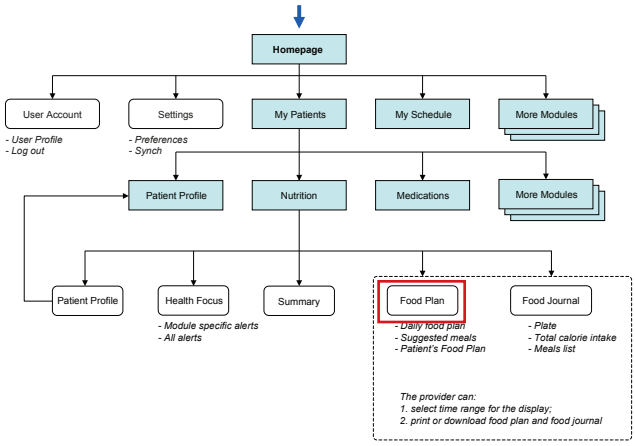
NUTRITION: MANAGE FOOD SERVINGS (CONTINUED)

The "Create a new tracker" window appears asking the user to input new serving category information. Once a new name is entered, the system will prepopulate the most appropriate unit for the new tracker that the user has named. The user can change it to another unit if it is necessary. The user can may check the additional box if he wishes to set both minimum and maximum values. The user clicks "Add to serving category" to complete the process. The user clicks "Add to serving category" to add Calcium to "Food Servings" tab.



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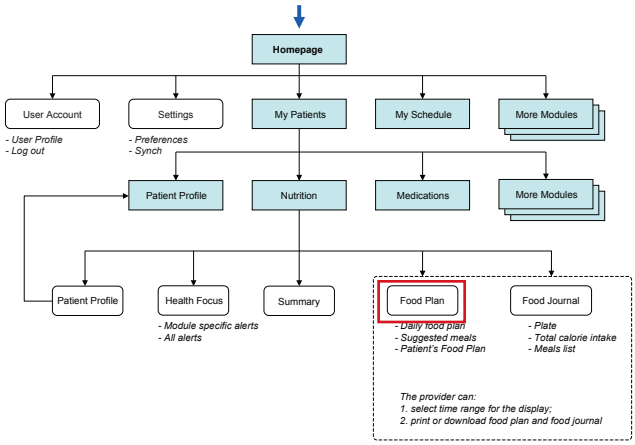
NUTRITION: SET FOOD SERVINGS — DELETE ITEM

The newly added food category is shown. The user has the option to delete the "Food Servings" category. The user clicks the "Delete" link for Calcium.



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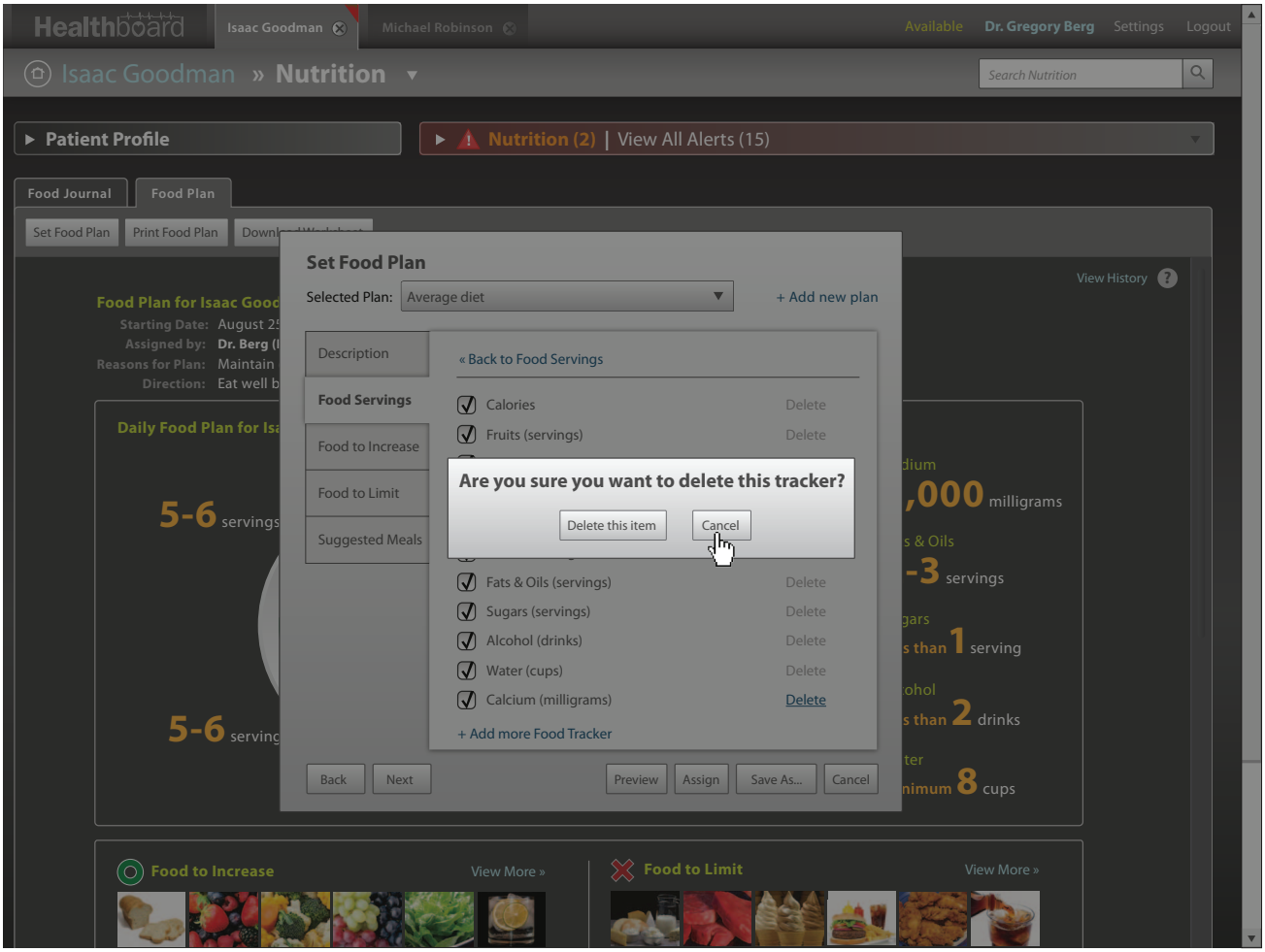
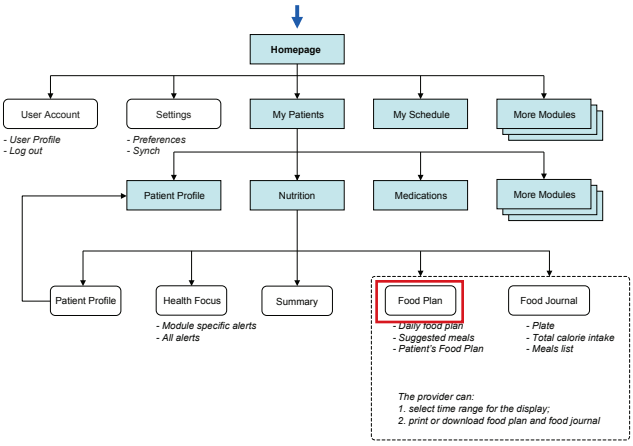
NUTRITION: SET FOOD SERVINGS — DELETE ITEM (CONTINUED)



A window appears to ask the userto confirm the action. The user cancels the action.



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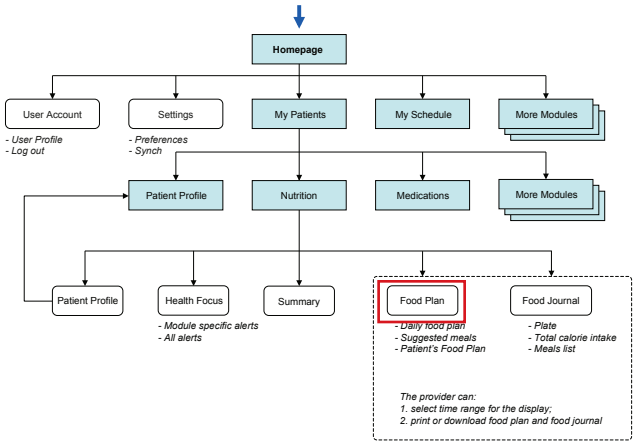
NUTRITION: SET FOOD SERVINGS (CONTINUED)

The user clicks "Back to Food Servings" to go back to the "Food Servings" section.



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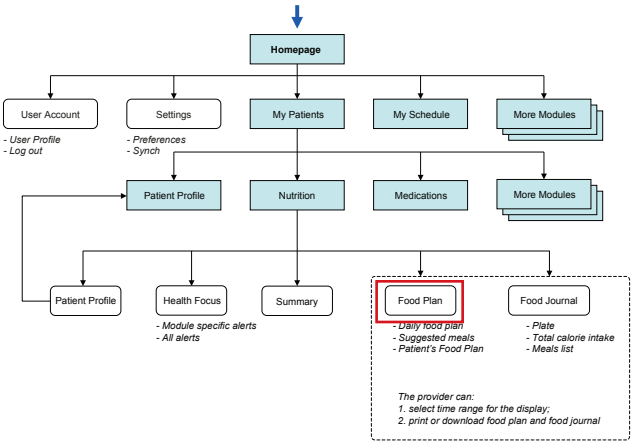
NUTRITION: SET FOOD SERVINGS (CONTINUED)

The user can scroll to the bottom of the "Food Servings" screen to see the Calcium.



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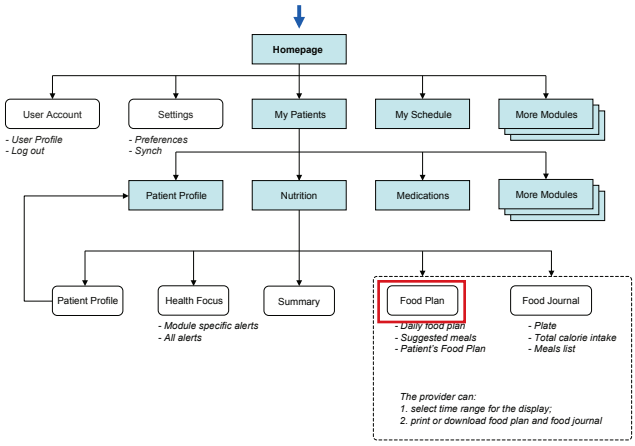
NUTRITION: SET FOOD TO INCREASE

The user can click "Next" button or "Food to Increase" tab to proceed.



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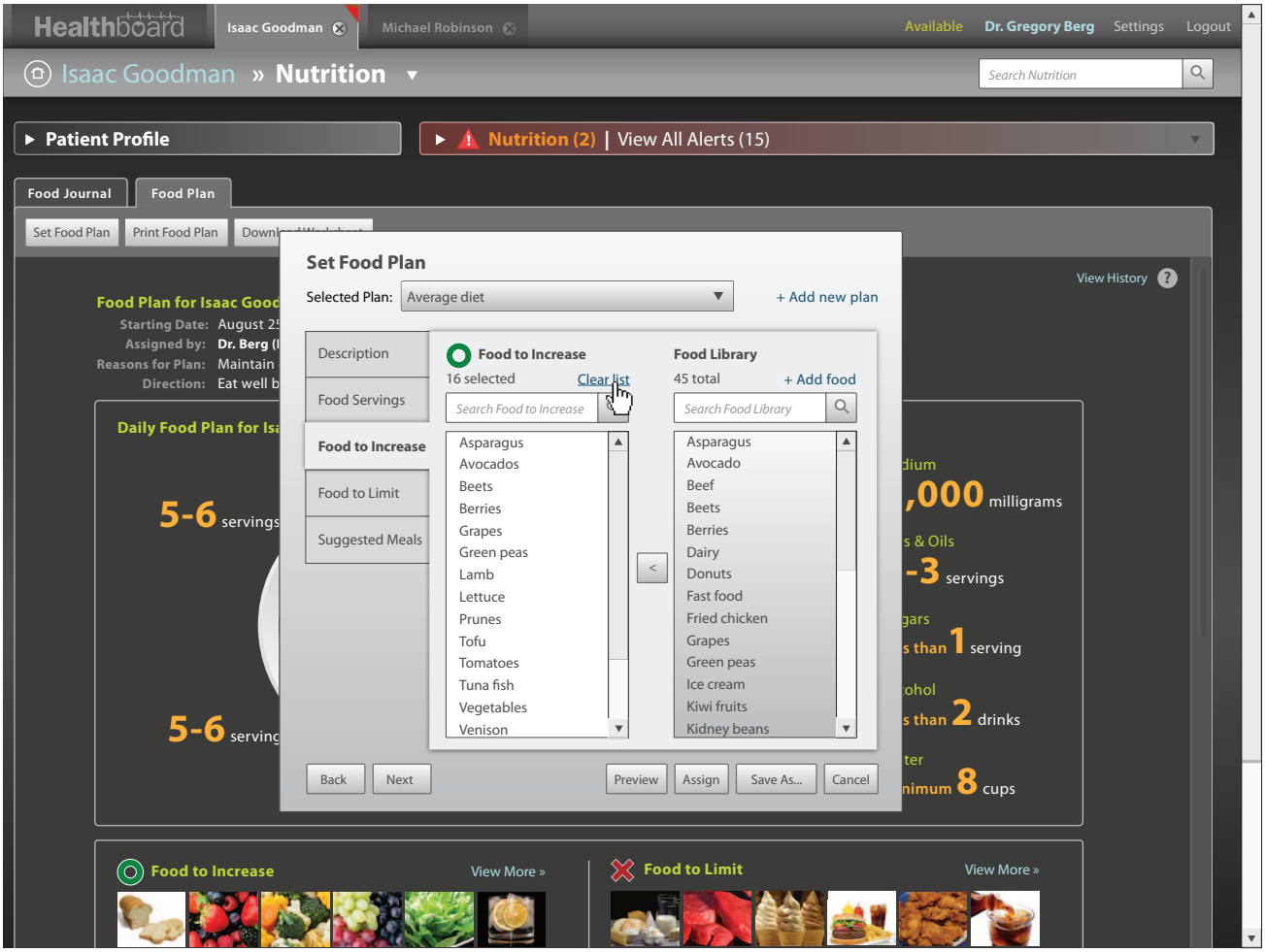
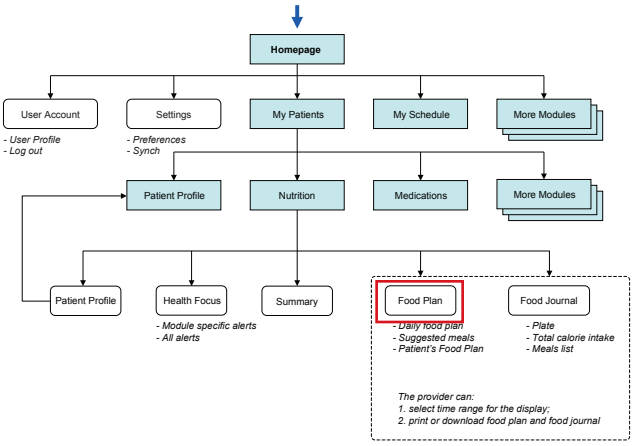
NUTRITION: SET FOOD TO INCREASE — CLEAR LIST



This screen shows a list of foods in the "Food Library" where individual items can be added to the "Food to Increase" list. The user can click "Clear list" to clear the list of Food to Increase.



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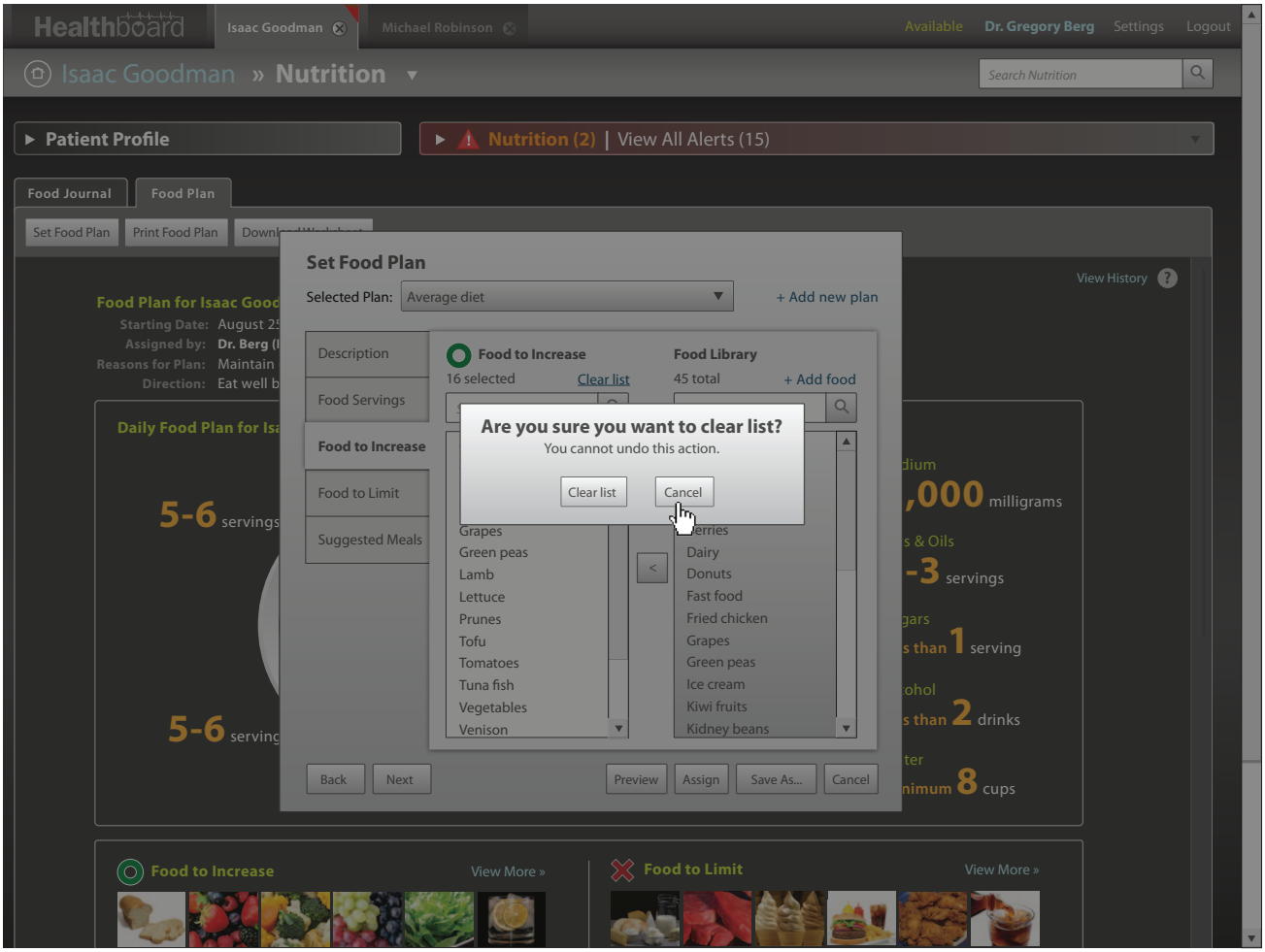
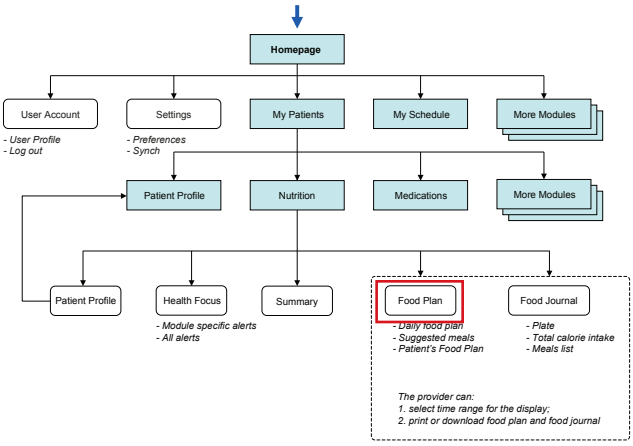
NUTRITION: SET FOOD TO INCREASE — CLEAR LIST (CONTINUED)



The user will be prompt with a window to confirm removal of item. The user clicks "Cancel."



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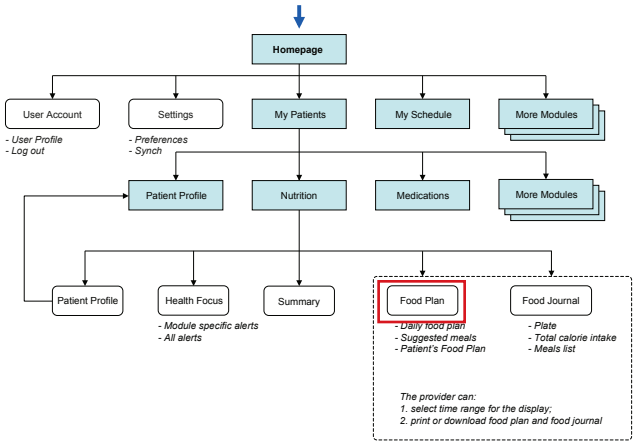
NUTRITION: SET FOOD TO INCREASE (CONTINUED)

The user can click the "Next" button or the "Food to Limit" tab to proceed.



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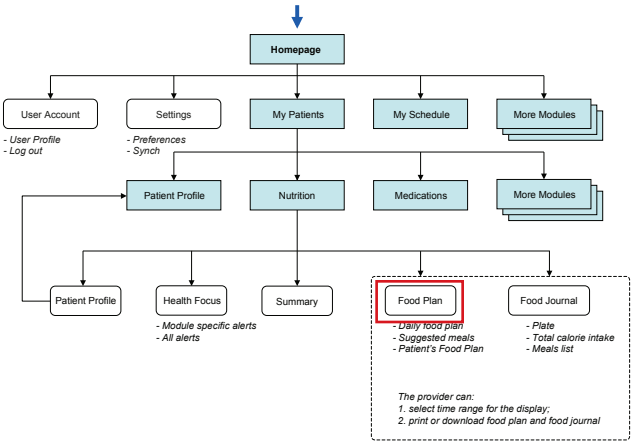
NUTRITION: SET FOOD TO LIMIT — FOOD LIBRARY

The user is in "Food to Limit" where individual items from Food Library can be added to the Food to Limit list. The user have the option to search food in their respective search bar. The user clicks to search in the Food Library search bar.



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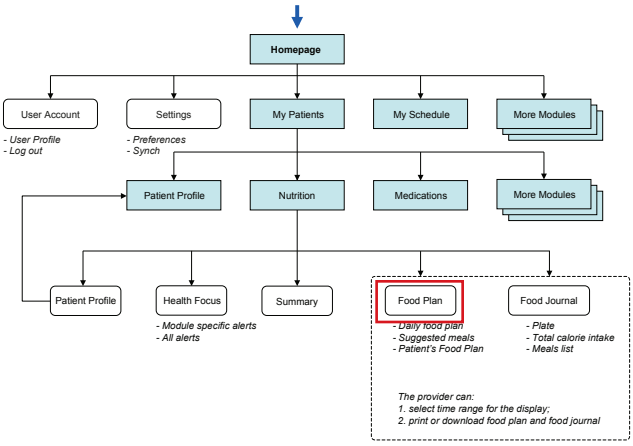
NUTRITION: SET FOOD TO LIMIT — FOOD LIBRARY (CONTINUED)

The user searches the Food Library for "Fried Chicken."



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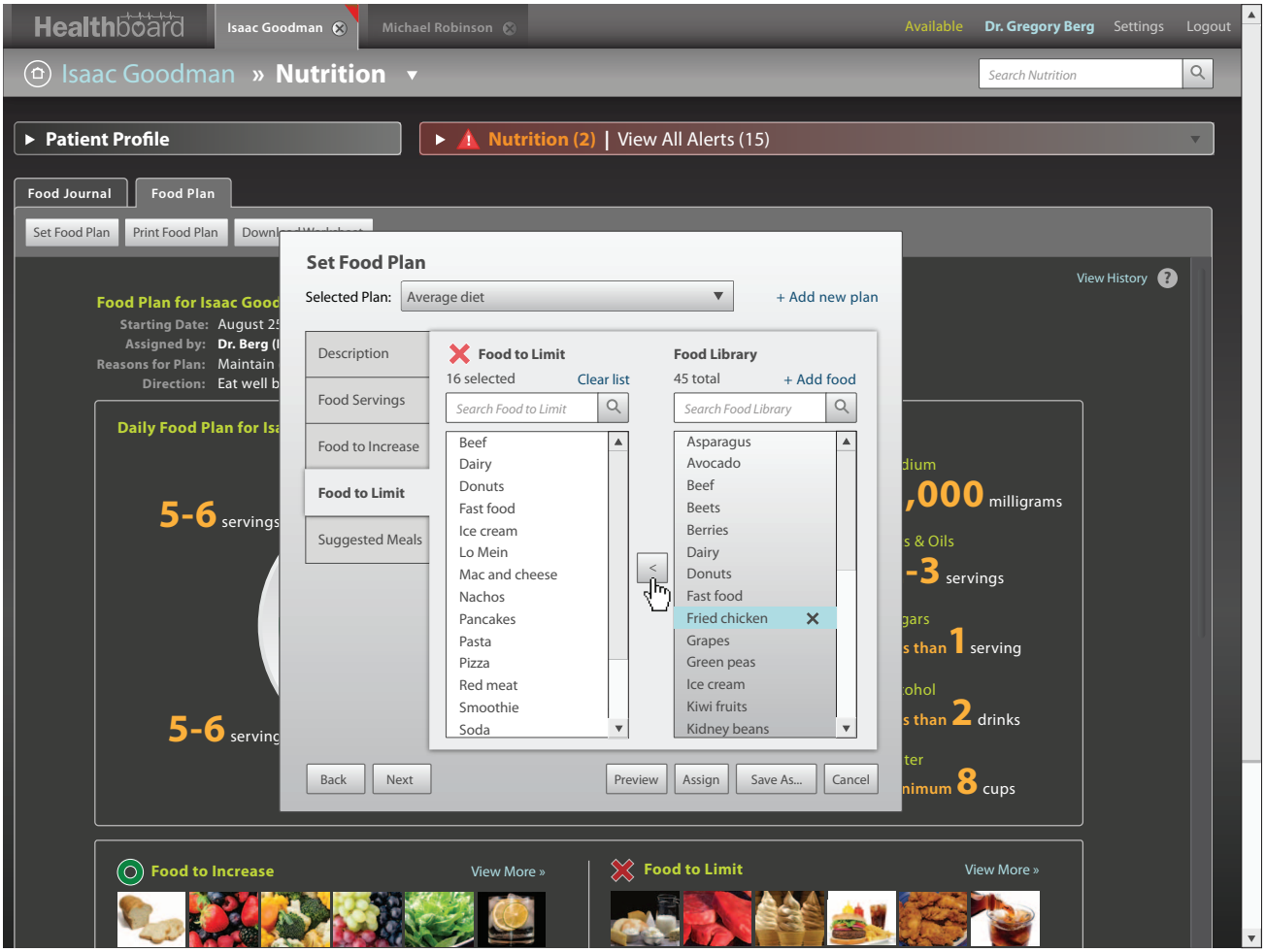
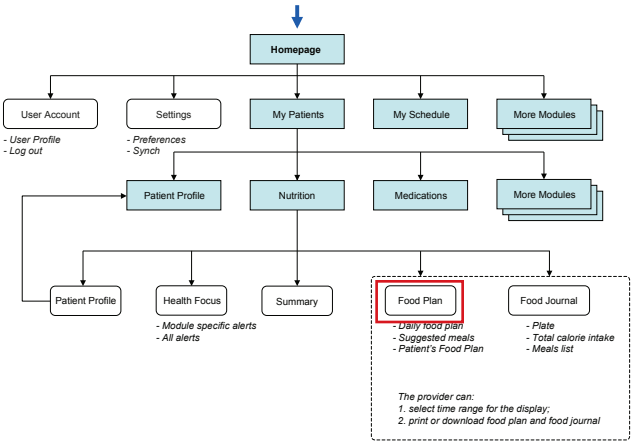
NUTRITION: SET FOOD TO LIMIT — ADD FOOD



"Fried chicken" is added to the "Food to Limit" list by clicking "<" for the food to be added Food to Limit.



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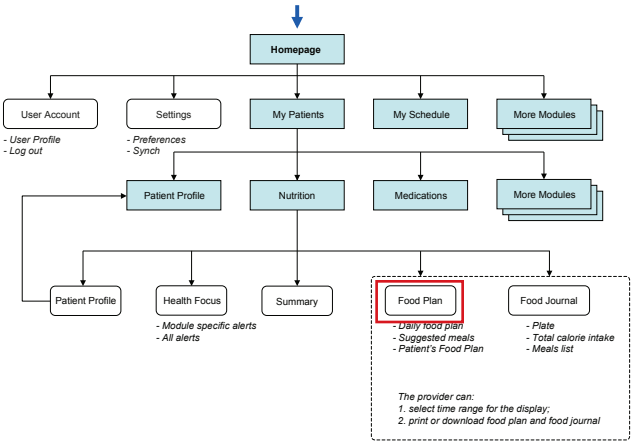
NUTRITION: SET FOOD TO LIMIT — REMOVE ITEM

"Fried chicken" is added to Food to Limit. The user can click "x" to remove the item.



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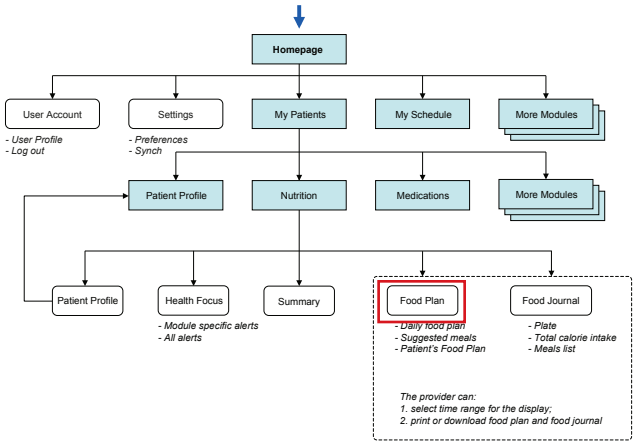
NUTRITION: SET FOOD TO LIMIT — REMOVE ITEM (CONTINUED)

The user cancels the action.



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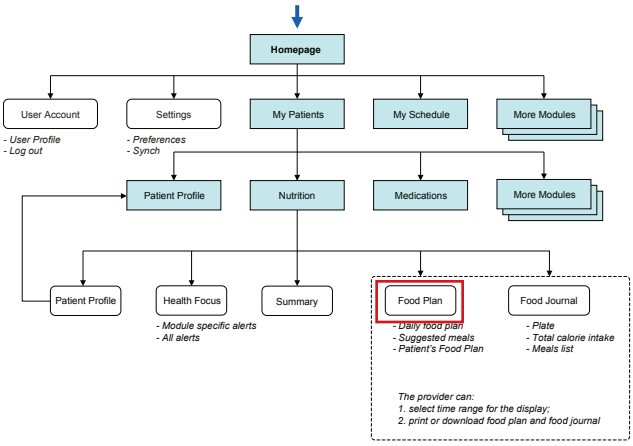
NUTRITION: SET FOOD TO LIMIT — ADD FOOD

The user can add new food to Food Library by clicking "+Add food" in the "Food Library" column.



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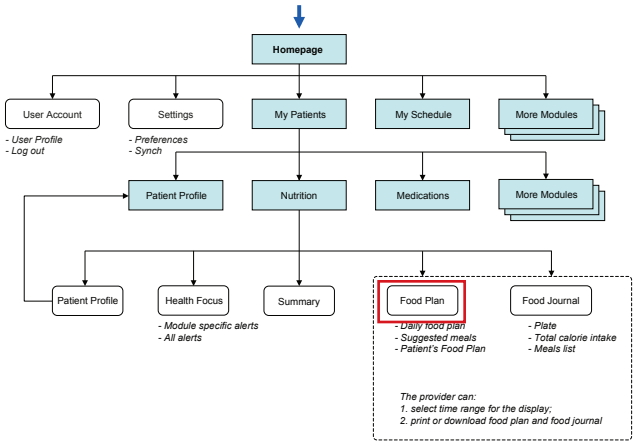
NUTRITION: SET FOOD TO LIMIT — ADD NEW FOOD TO LIST

The "Add new food to list" window appears asking the user the food name, description and image of the food. The image can be added through the "Browse from file" link. The user clicks the "Save" button.



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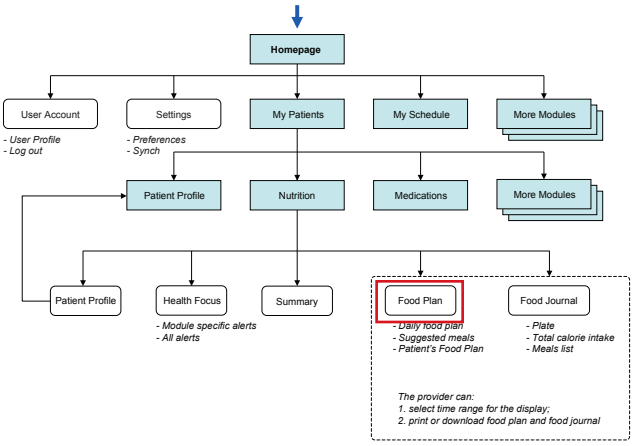
NUTRITION: FOOD TO LIMIT — DELETE ITEM FROM FOOD LIBRARY

The recently added food is shown in the "Food Library." The user has the option to delete the food by clicking the food and hit "x."



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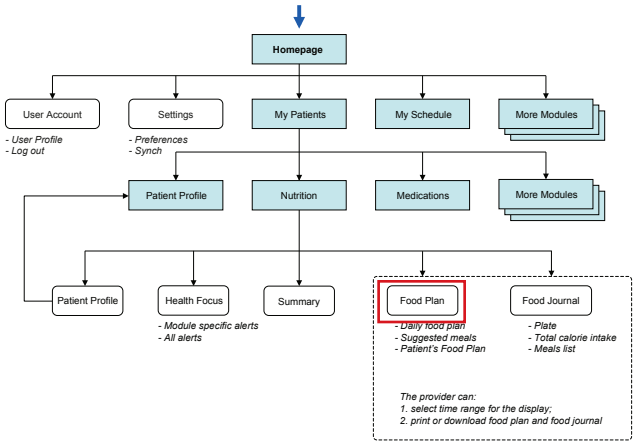
NUTRITION: FOOD TO LIMIT — DELETE ITEM FROM FOOD LIBRARY (CONTINUED)

The user confirms the action.



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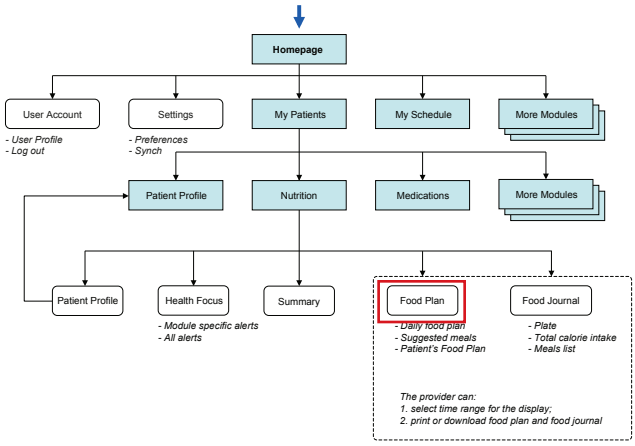
NUTRITION: FOOD TO LIMIT

The user can click the "Next" button or the "Suggested Meals" tab to proceed.



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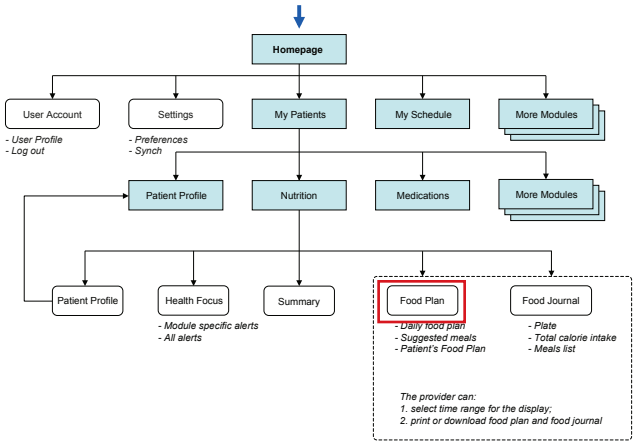
NUTRITION: SUGGESTED MEALS

The "Suggested Meals" tab displays all meals available for the current template. The user clicks the "Manage meal categories" link.



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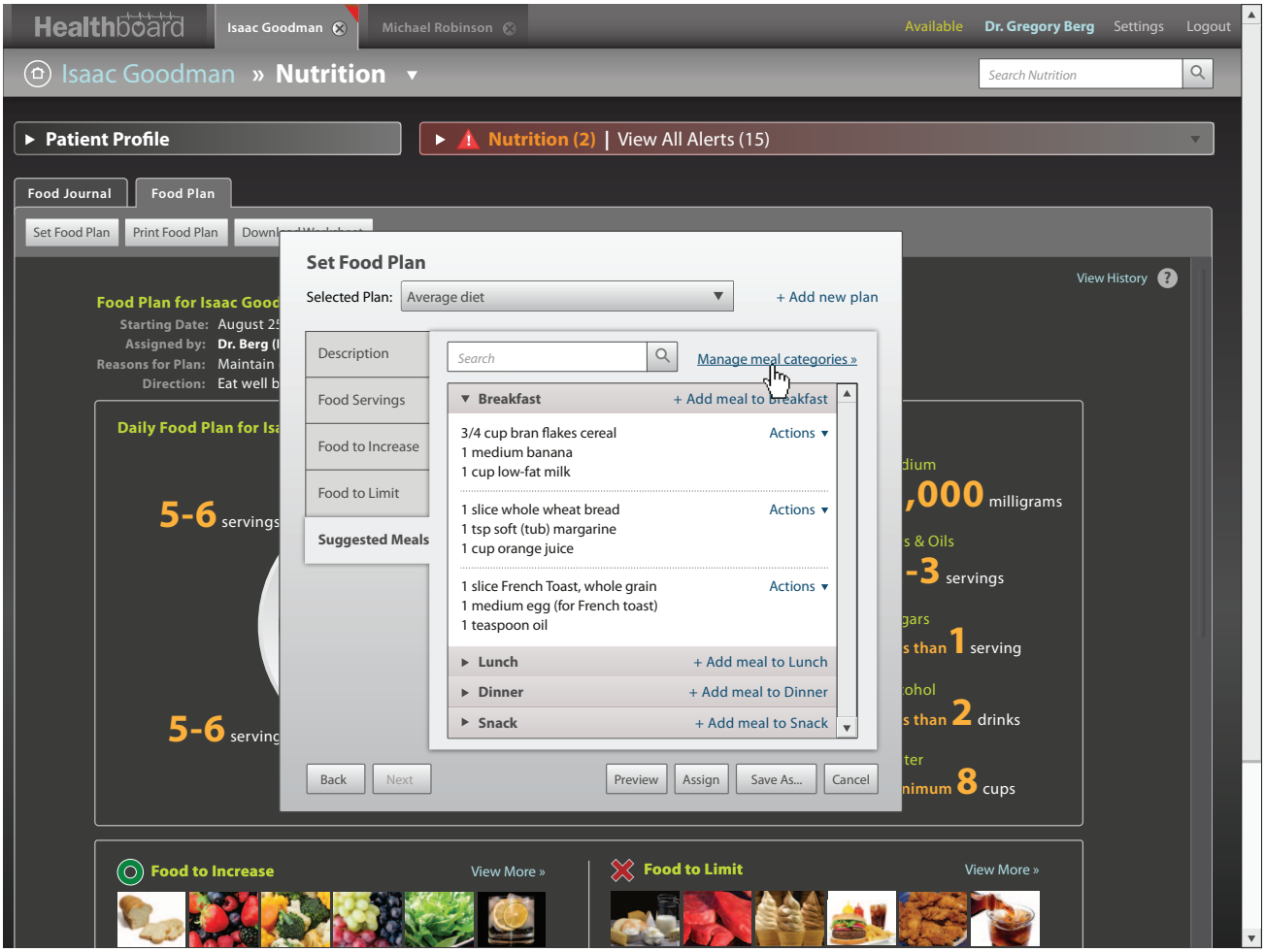
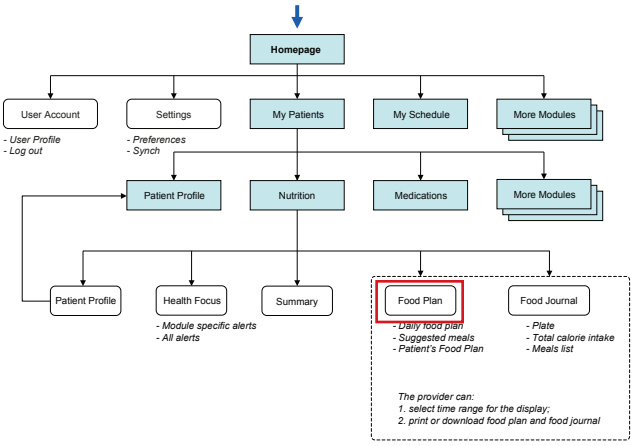
NUTRITION: SUGGESTED MEALS — MANAGE MEAL CATEGORIES



The user can manage, add, and delete meal categories through the "Manage meal categories" link.



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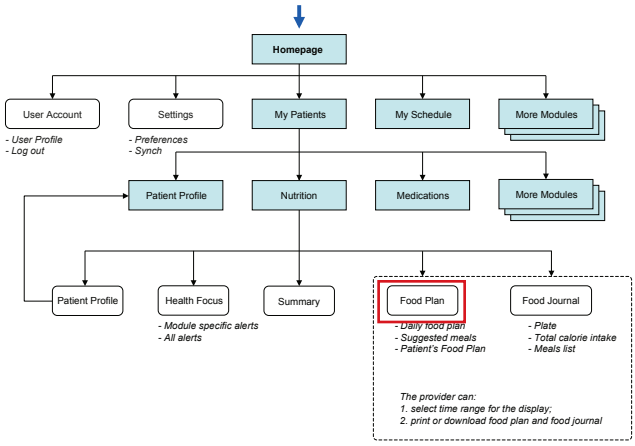
NUTRITION: SUGGESTED MEALS — MANAGE MEAL CATEGORIES (CONTINUED)

The user can add a new meal category through the "+Add more Meal Category" link. The user also has the option to uncheck existing options. The user clicks the "+Add more Meal Category" link.



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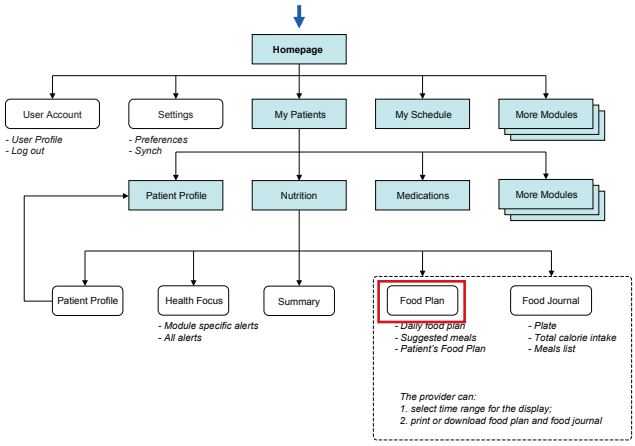
NUTRITION: SUGGESTED MEALS — MANAGE MEAL CATEGORIES (CONTINUED)

The "Save new meal category" window appears asking the user to input new meal category information. In this screen the provider enters "After Breakfast Snack" and selects the order of the new meal category from the drop down menu.



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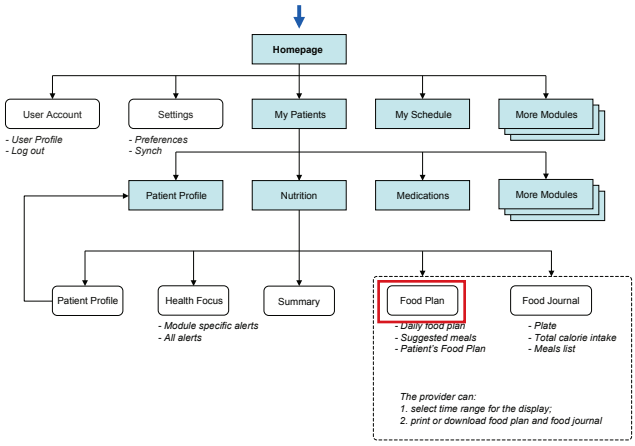
NUTRITION: SUGGESTED MEALS — MANAGE MEAL CATEGORIES (CONTINUED)

The provider adds a new meal category, "After Breakfast Snack," positioned after the "Breakfast" category.



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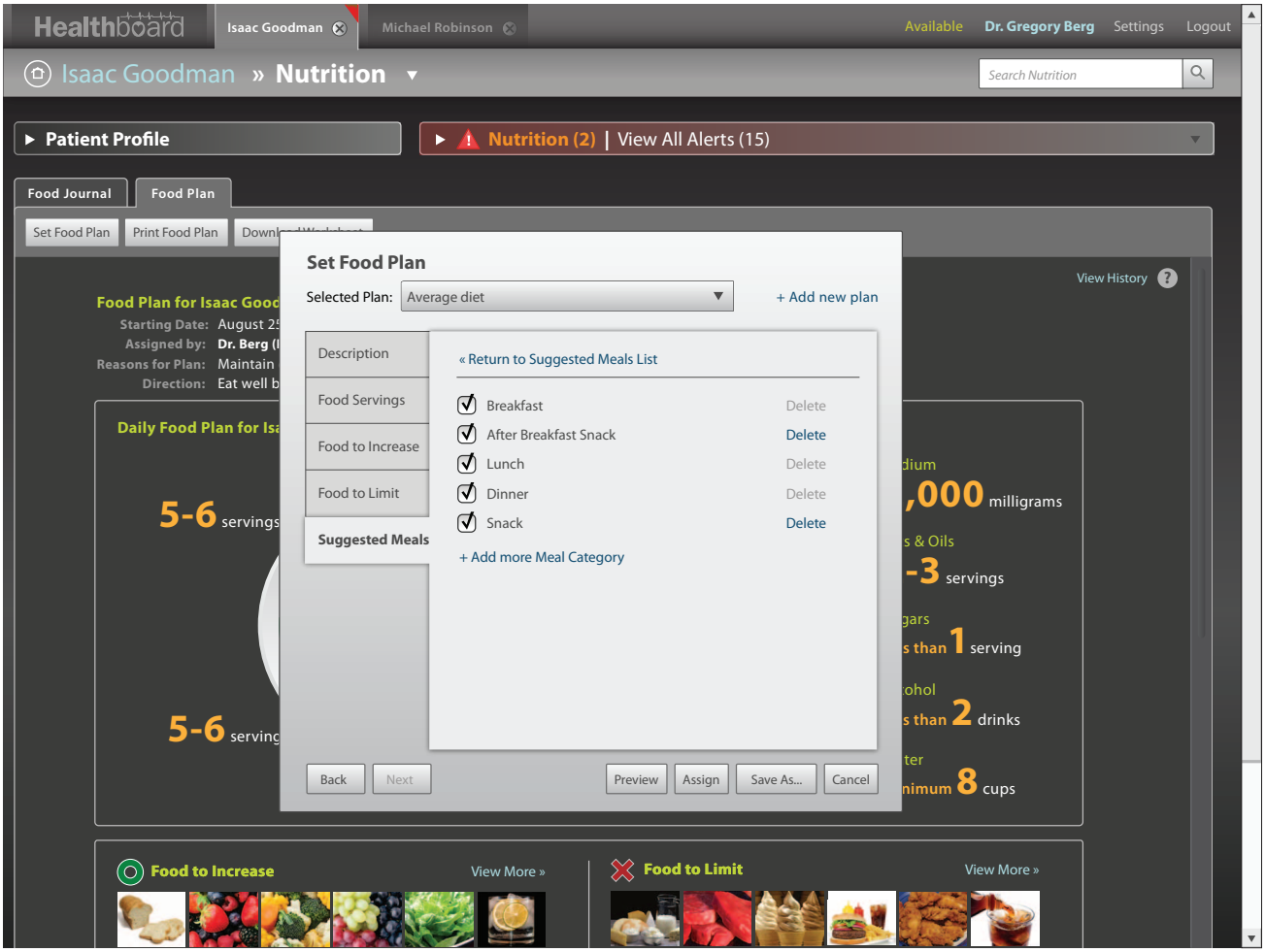
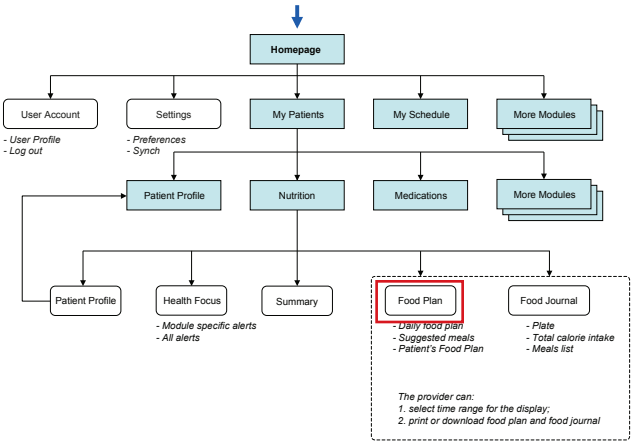
NUTRITION: SUGGESTED MEALS — MANAGE MEAL CATEGORIES (CONTINUED)



The "After Breakfast Snack" now appears below "Breakfast" in both the tab menu and the "Manage meal categories" window.



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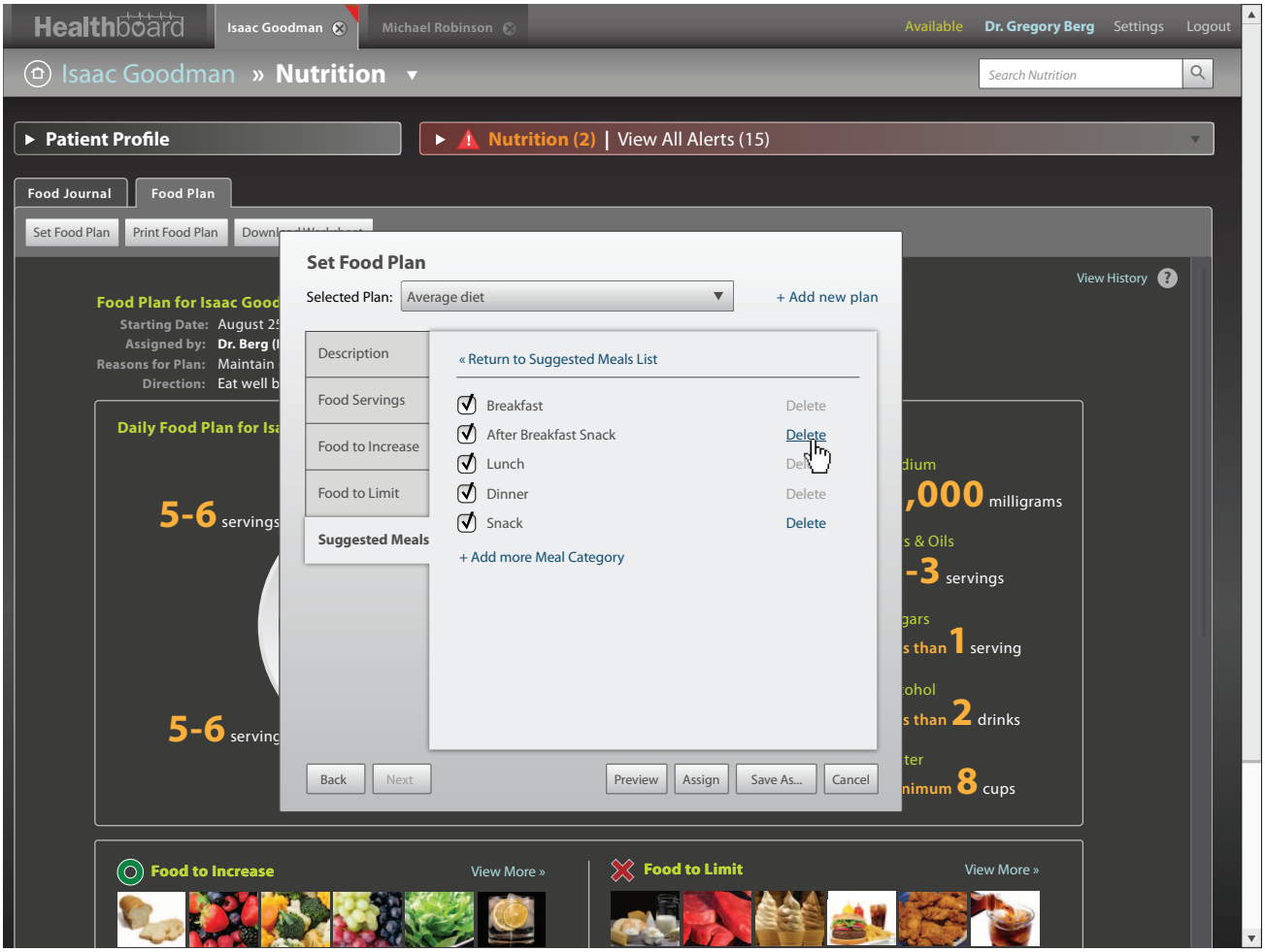
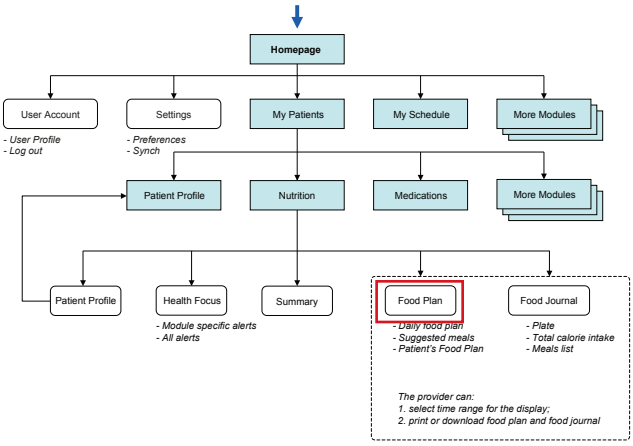
NUTRITION: SUGGESTED MEALS — DELETING A MEAL CATEGORY



The user has the option to delete or add more meal categories. The user clicks the "Delete" link for "After Breakfast Snack."



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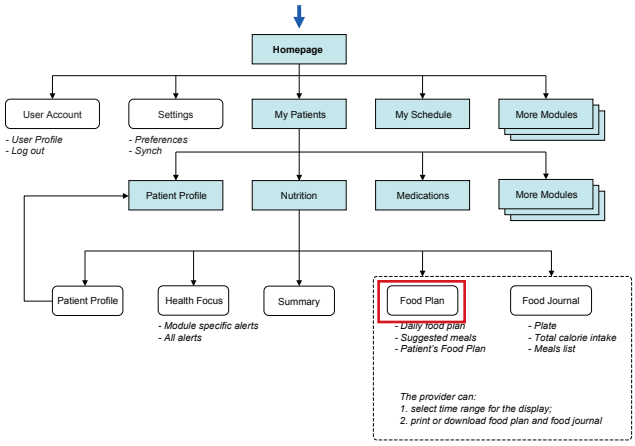
NUTRITION: SUGGESTED MEALS — DELETING A MEAL CATEGORY (CONTINUED)

The user confirms the action.



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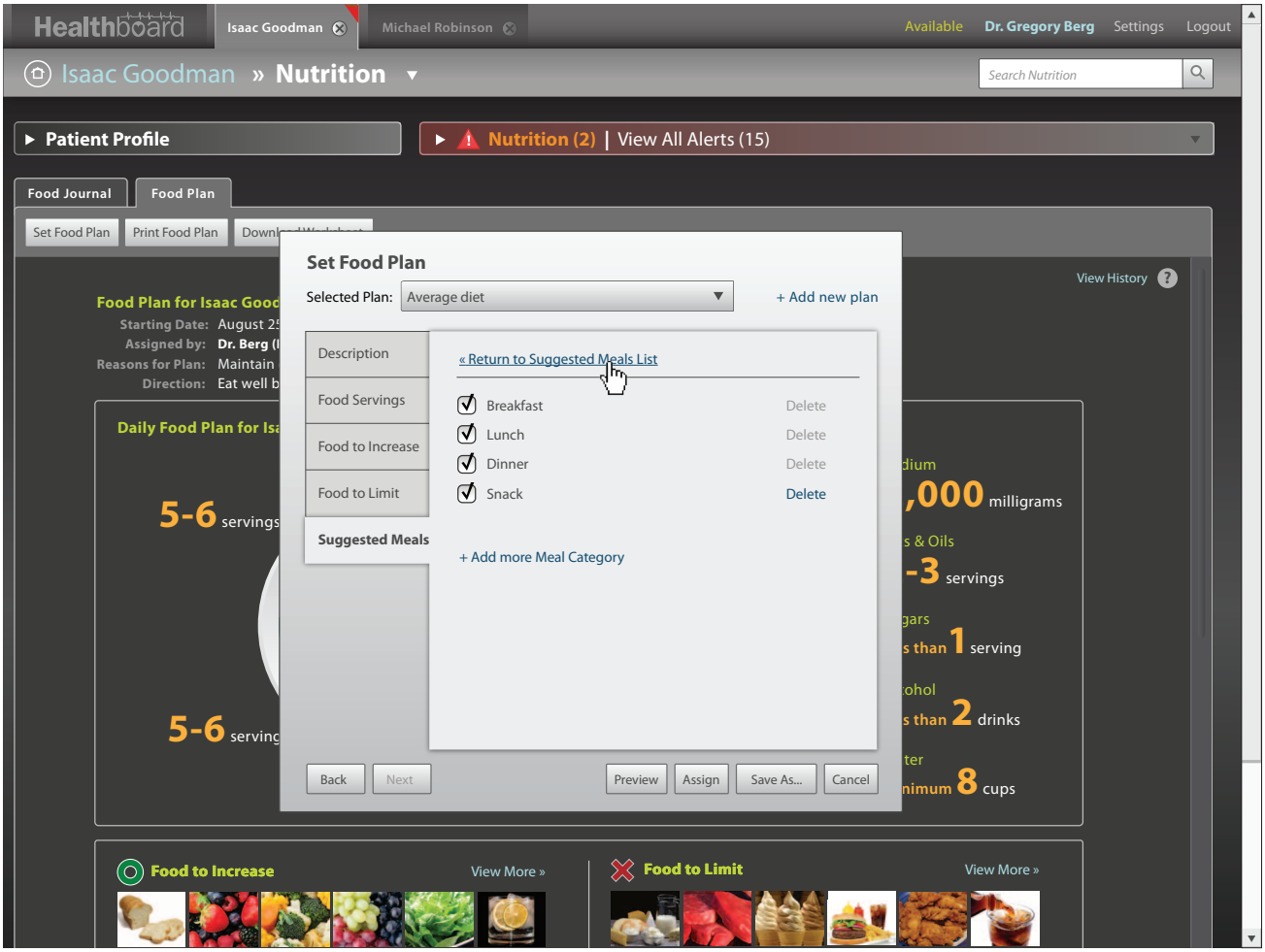
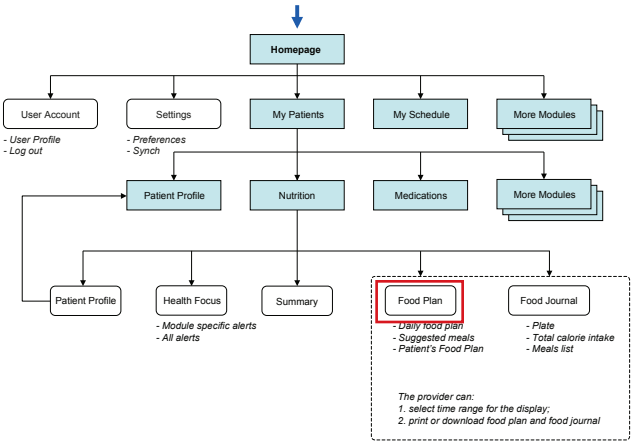
NUTRITION: SUGGESTED MEALS (CONTINUED)



"After Breakfast Snack" is deleted. The user clicks "Submit" to update the changes for "Food Servings" tab.



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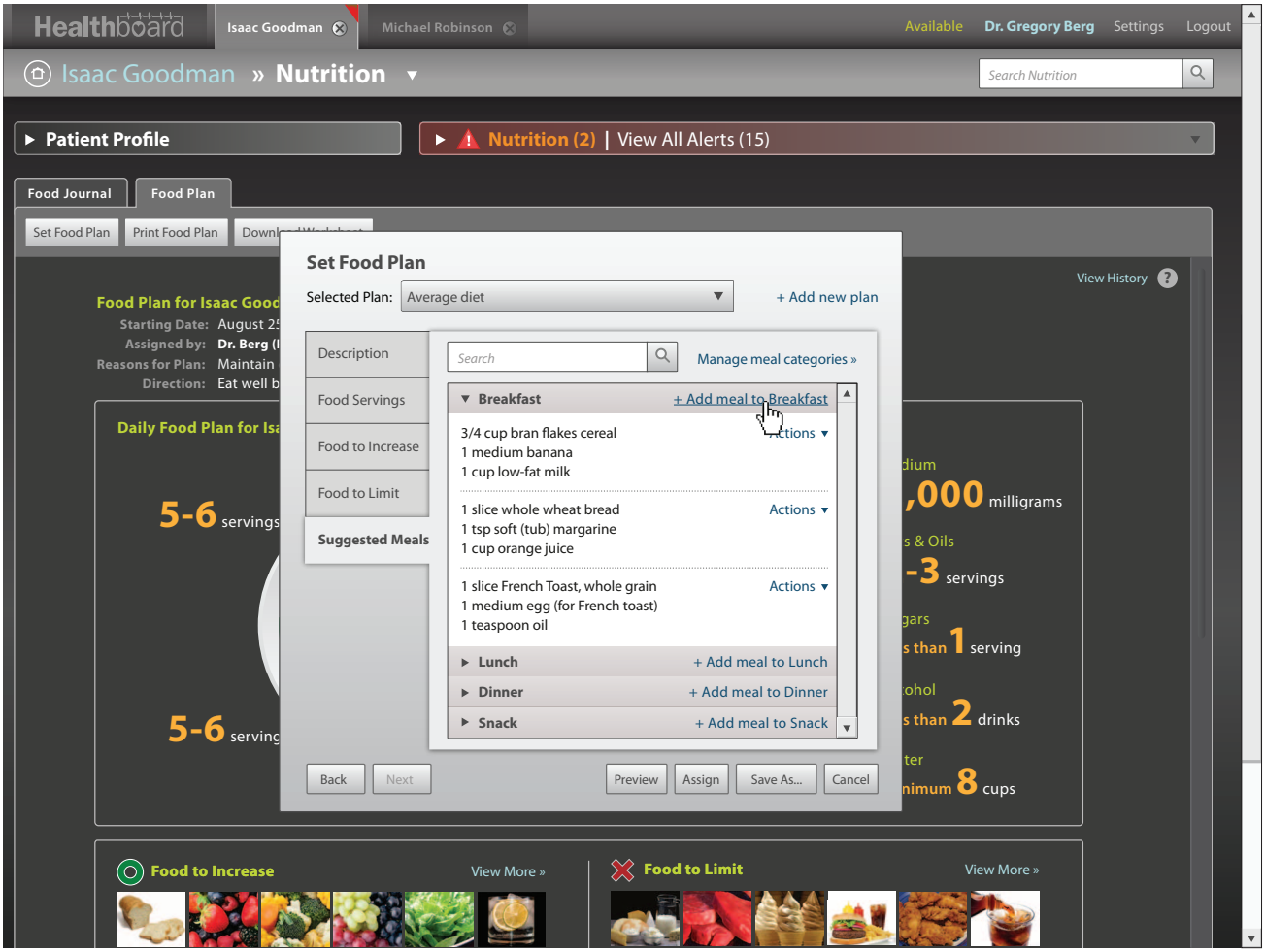
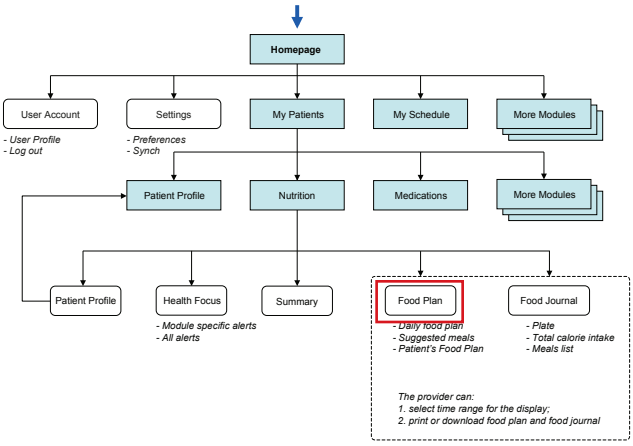
NUTRITION: SUGGESTED MEALS — ADD MEAL TO BREAKFAST



The user can add to meal to each meal category by clicking the "+Add meal to (meal)" link. The user clicks the link.



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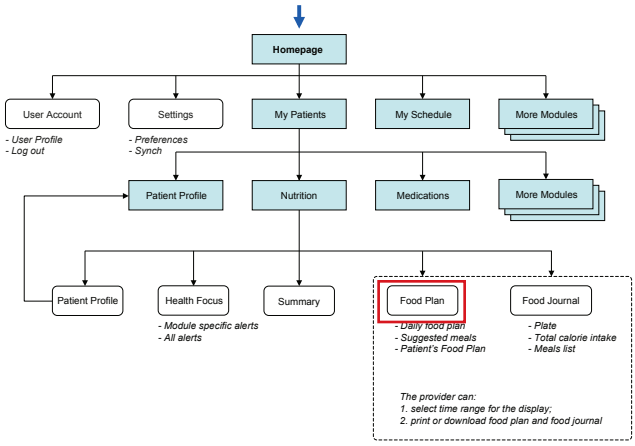
NUTRITION: SUGGESTED MEALS — ADD MEAL TO BREAKFAST (CONTINUED)

The user can select the category, add the description, or add a link to an online recipe for the new meal.



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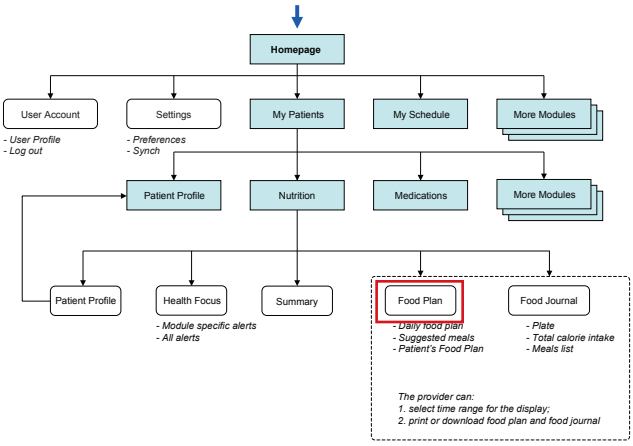
NUTRITION: SUGGESTED MEALS — ADD MEAL TO BREAKFAST (CONTINUED)

The user selects the category "Breakfast" and added an item. The user have the option of adding more item to Breakfast by selecting "+Add more to Breakfast" to complete all available items within the meals.



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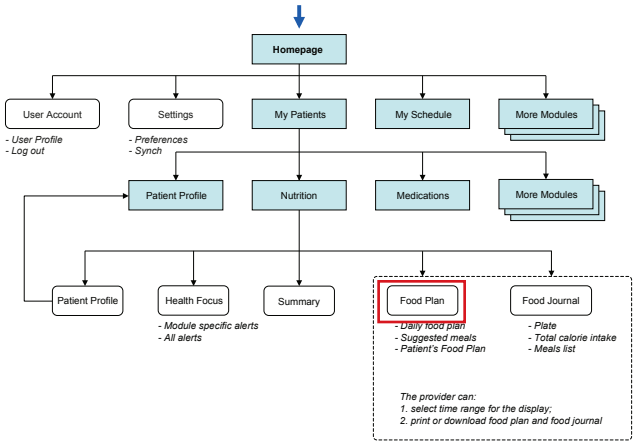
NUTRITION: SUGGESTED MEALS — ADD MEAL TO BREAKFAST (CONTINUED)

Item 2 is added to complement the meal. The user clicks "Add to list" to add the items to Breakfast.



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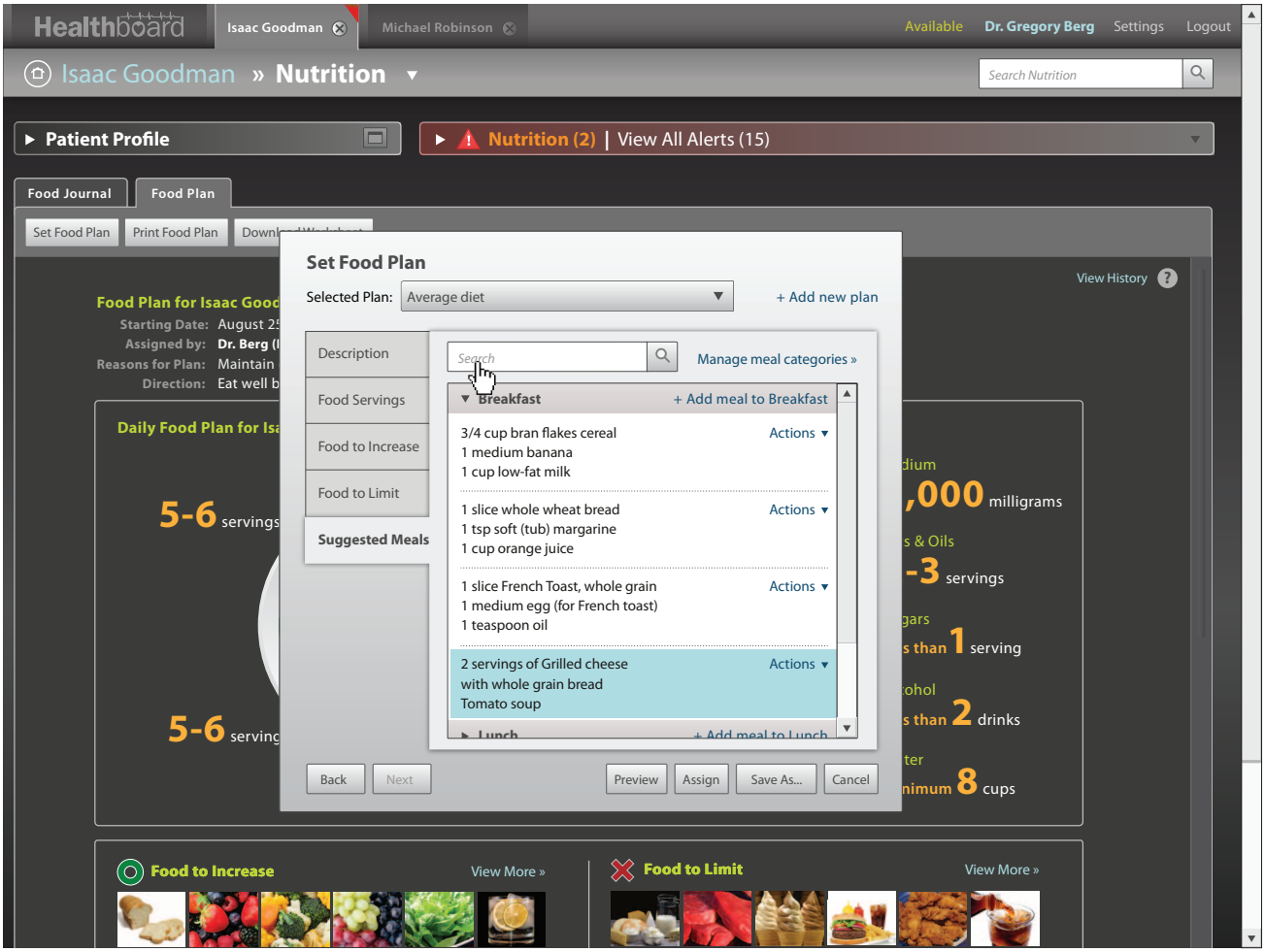
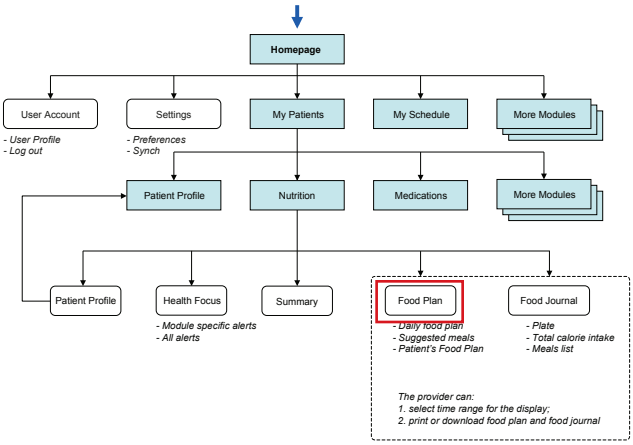
NUTRITION: SUGGESTED MEALS — ADD MEAL TO BREAKFAST (CONTINUED)



The meal is added under the Breakfast category.



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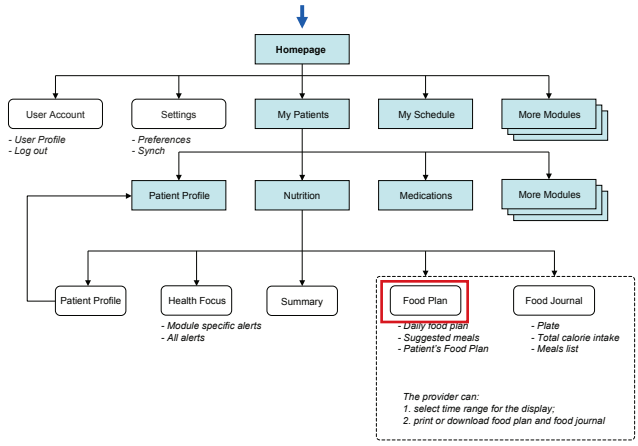
NUTRITION: SUGGESTED MEALS — SEARCH

The user can search for existing food items by utilizing the search bar. The user searches for "Grilled cheese."



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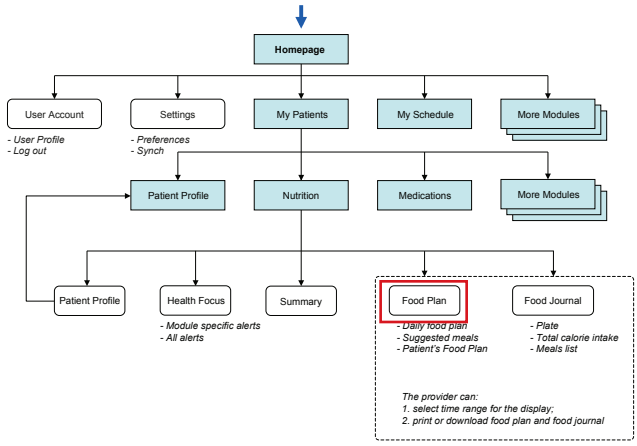
NUTRITION: SUGGESTED MEALS — SEARCH (CONTINUED)

Meal is updated accordingly.



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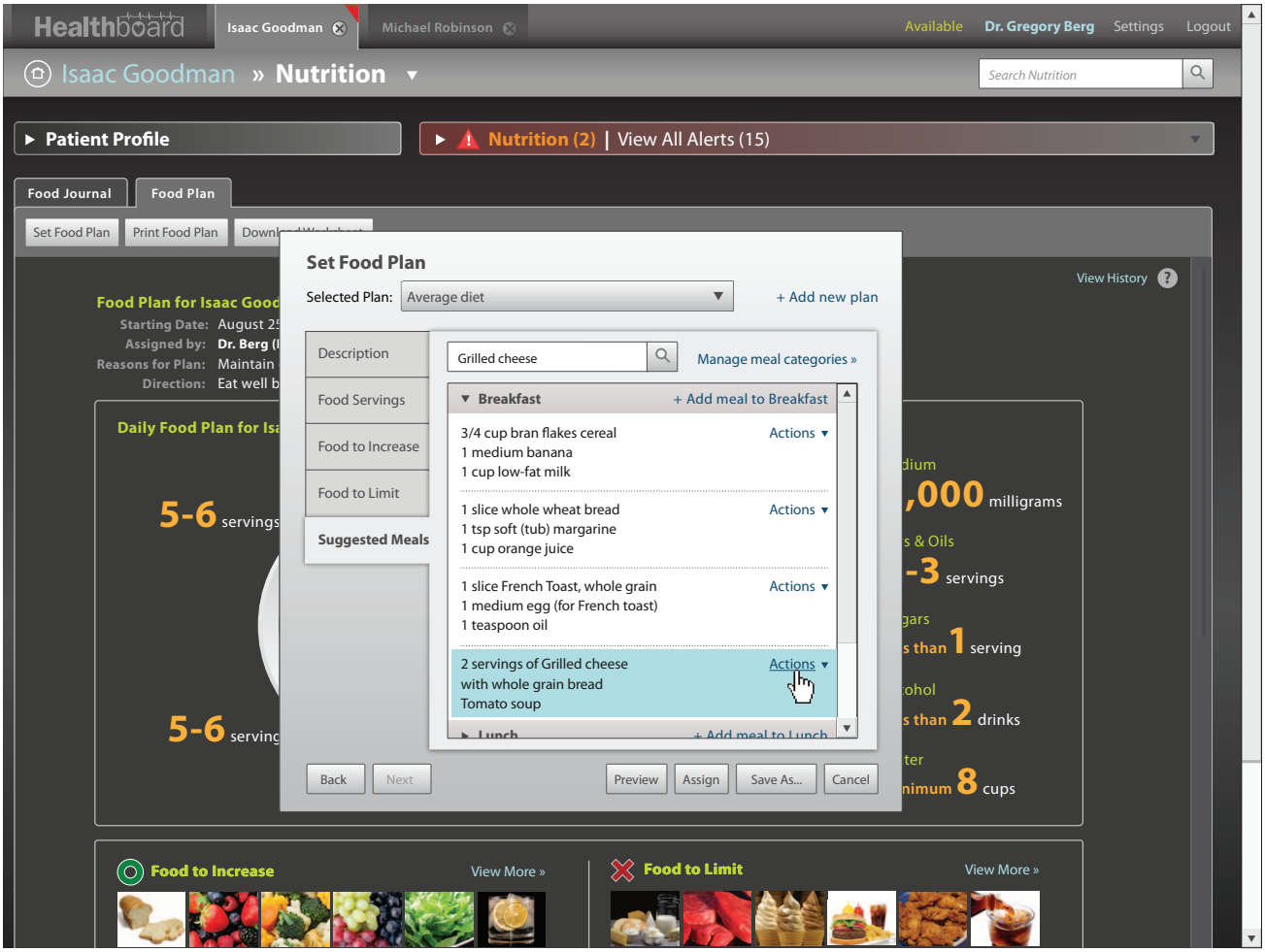
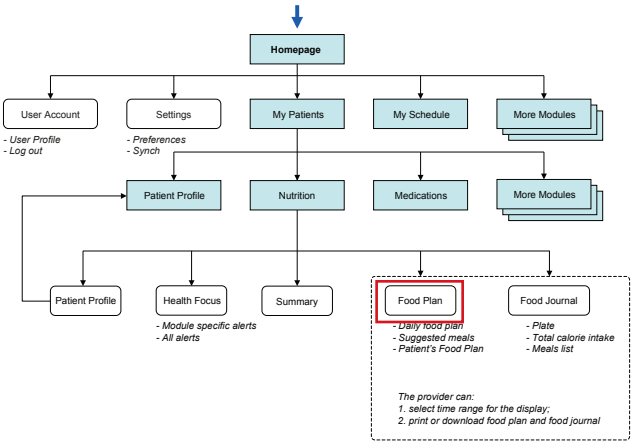
NUTRITION: SUGGESTED MEALS — SEARCH (CONTINUED)



The user can select "Actions" to assign the meal to another meal category or modify the item.



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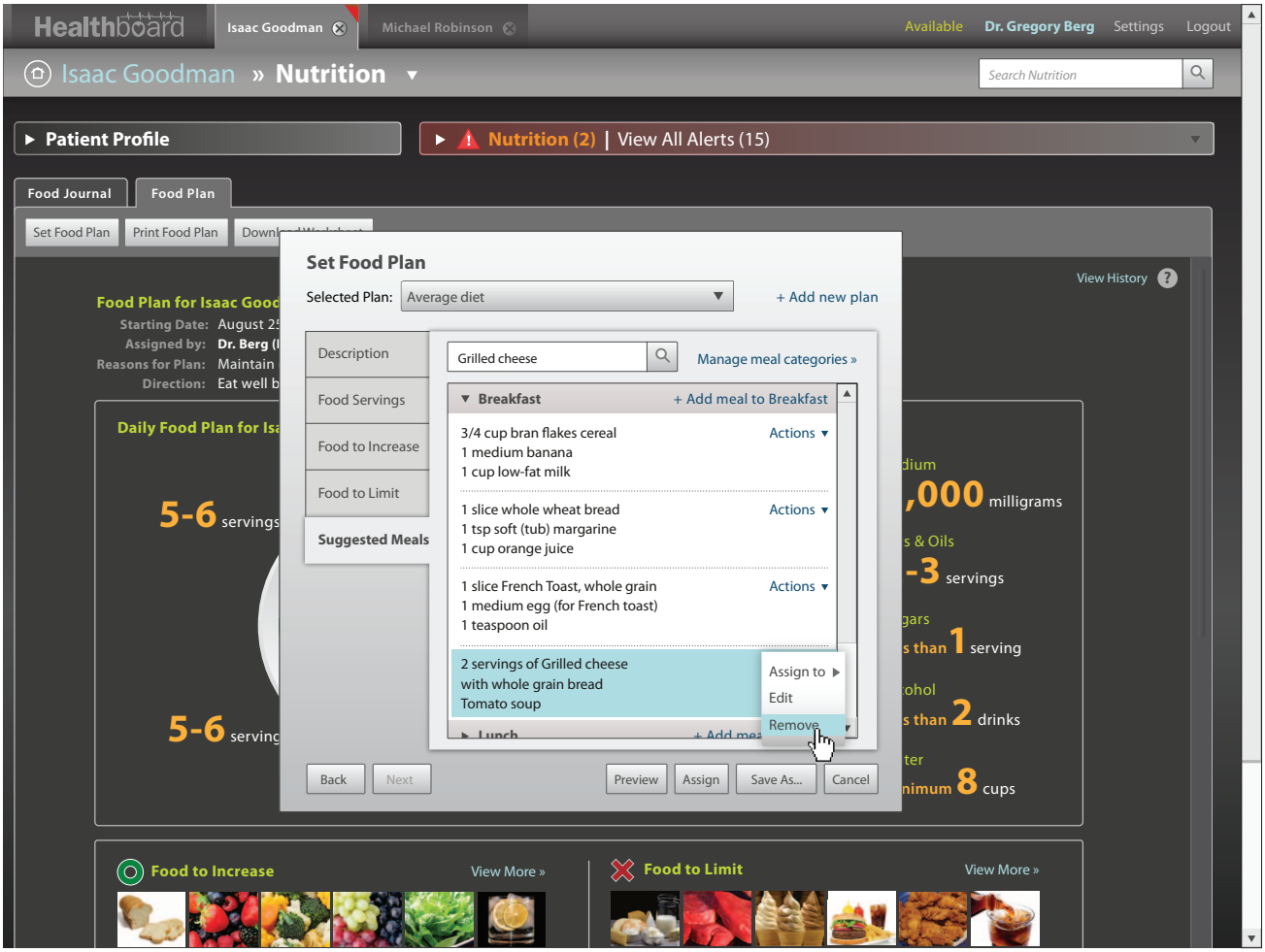
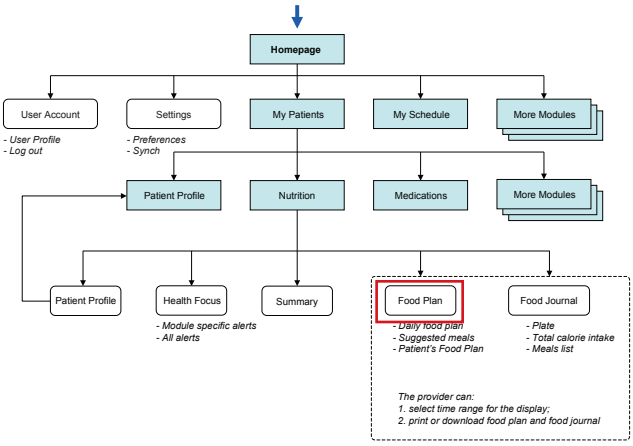
NUTRITION: SUGGESTED MEALS — REMOVE MEAL



The user can click "Remove" to remove the item.



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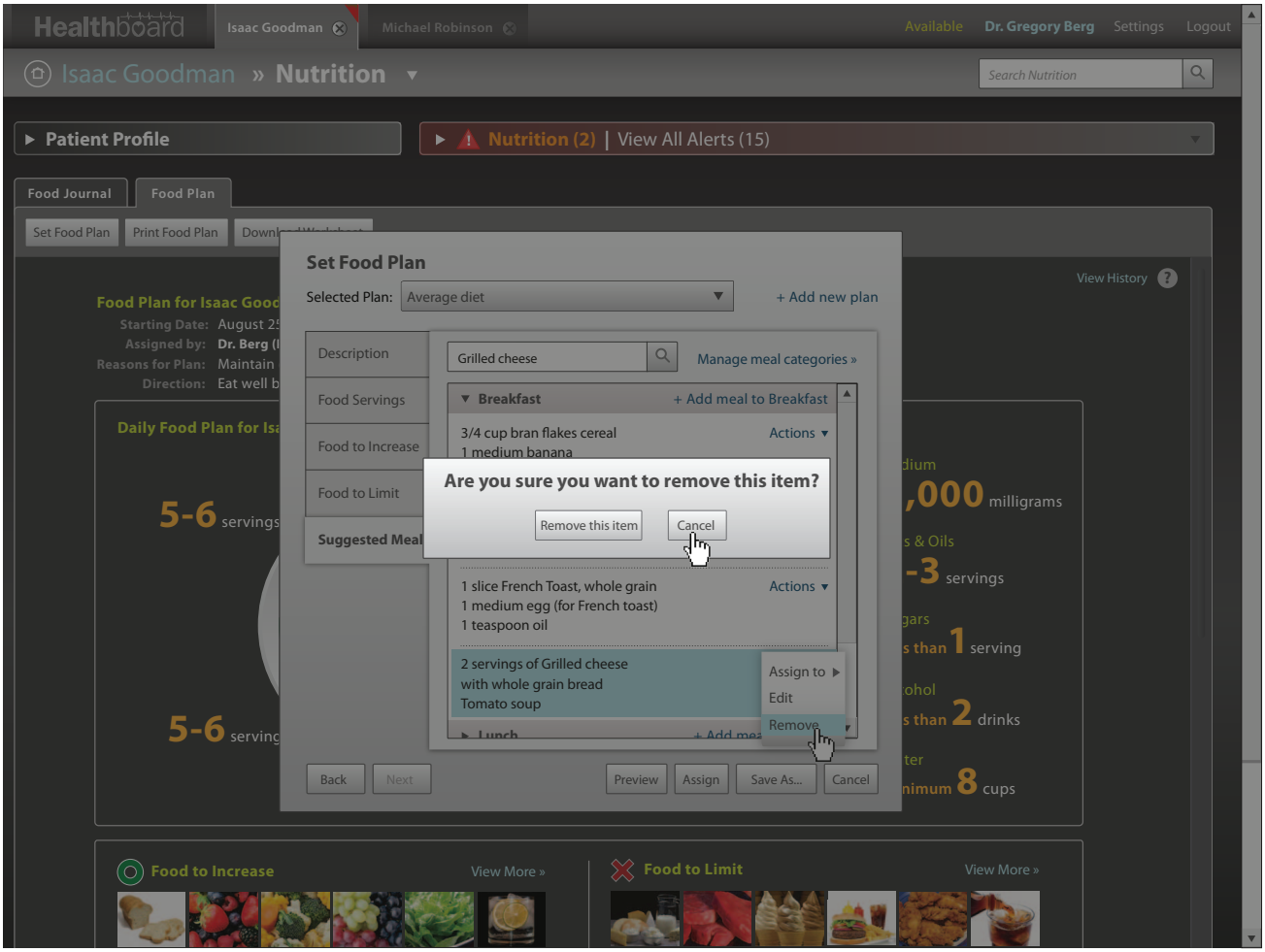
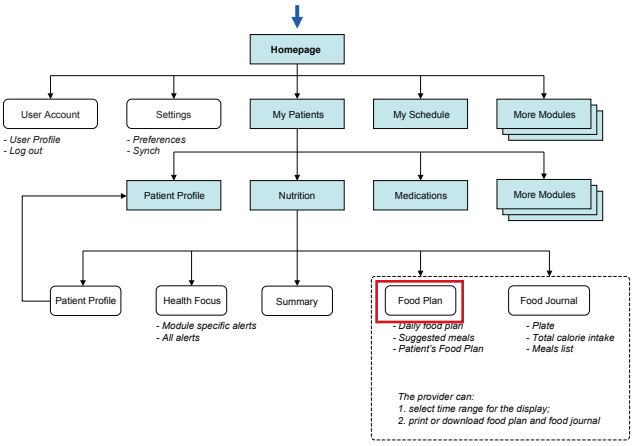
NUTRITION: SUGGESTED MEALS — REMOVE MEAL (CONTINUED)



The user cancels the action.



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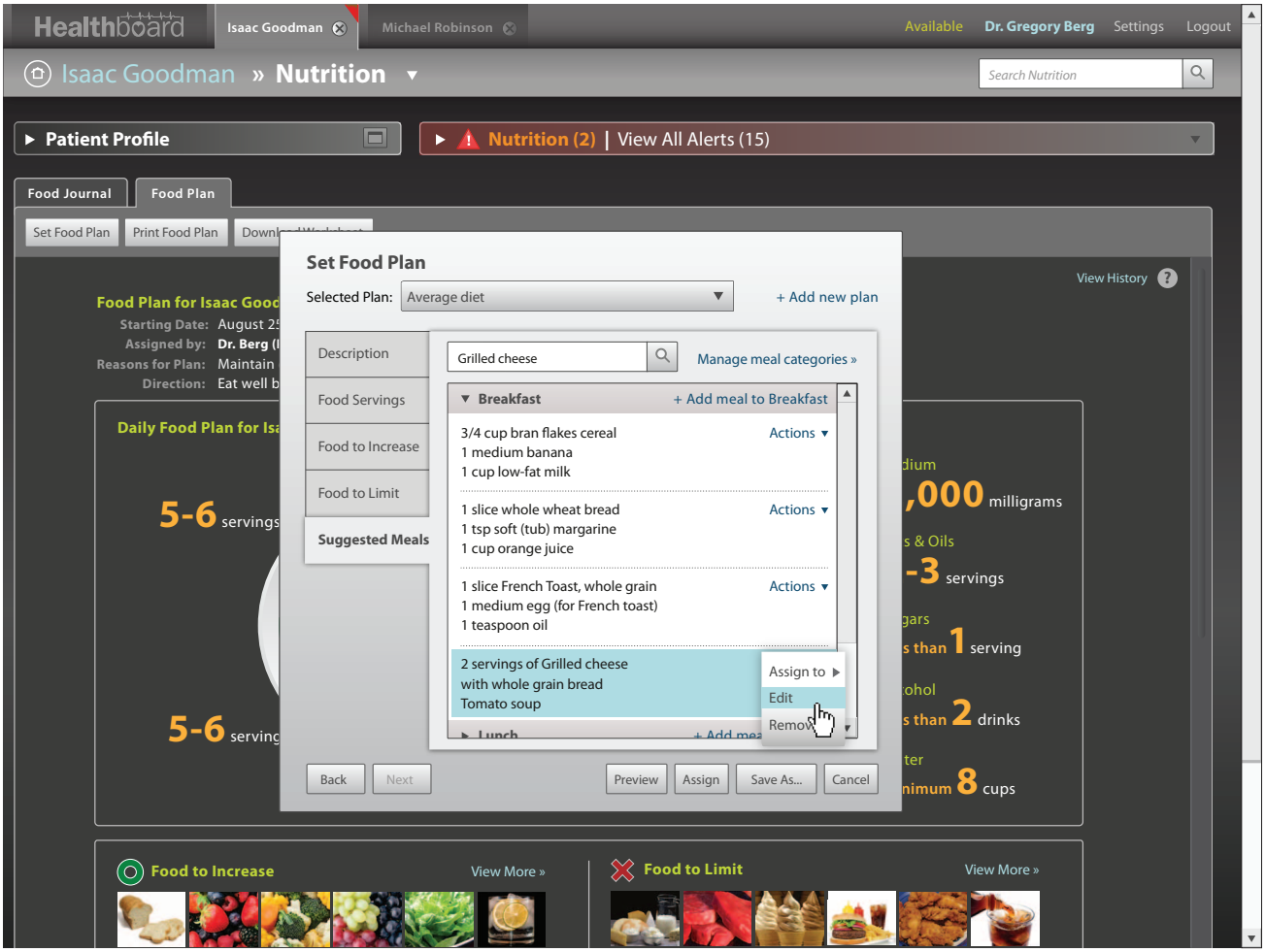
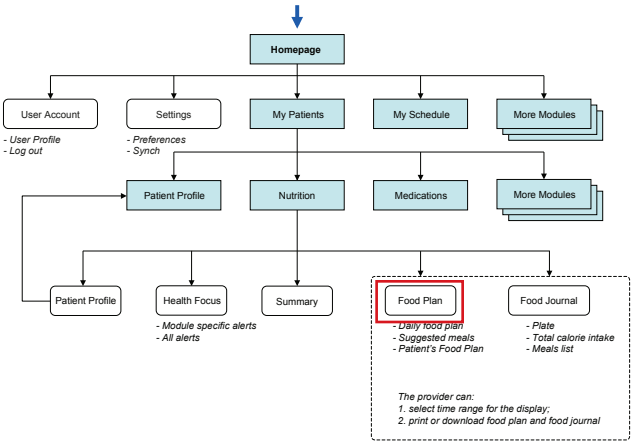
NUTRITION: SUGGESTED MEALS — EDIT MEAL



The user can edit the item by selecting "Edit" from the dropdown menu.



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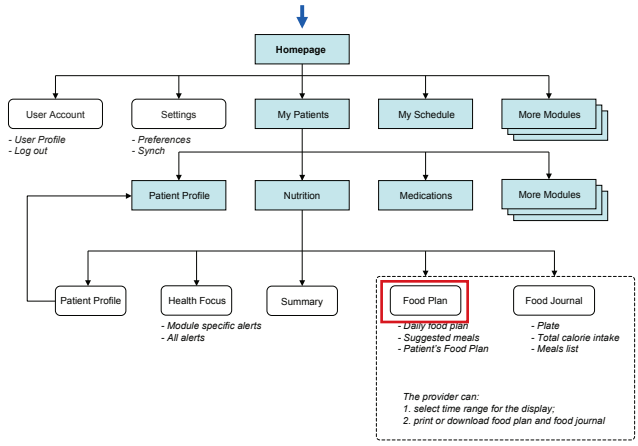
NUTRITION: SUGGESTED MEALS — EDIT MEAL (CONTINUED)

The user can edit the category and the description of the meal. The user keeps everything the same and select "Add to list" button.



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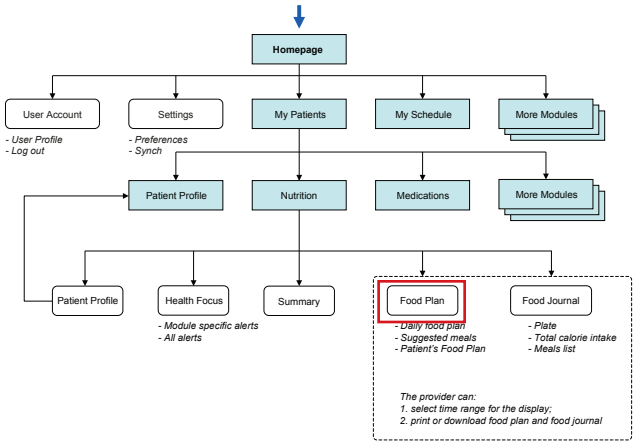
NUTRITION: SUGGESTED MEALS — ASSIGN MEAL

The user can reassign a meal to be under another meal category by selecting "Assign to." The user selects "Lunch."



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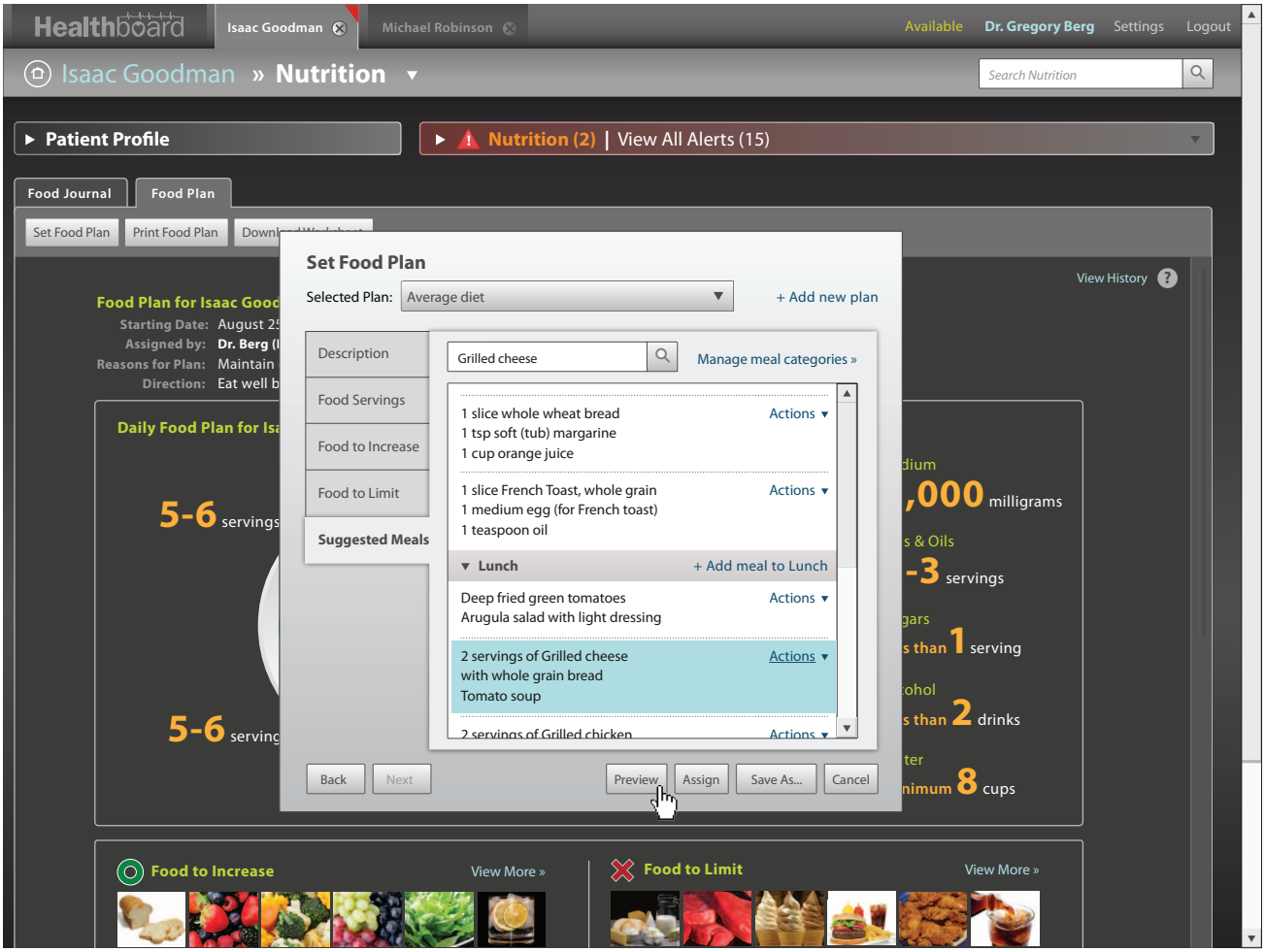
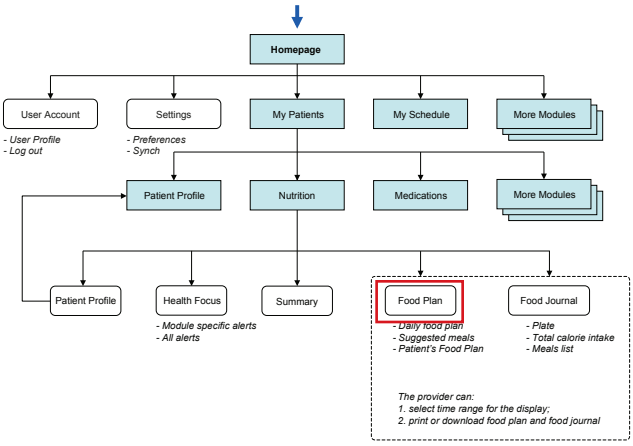
NUTRITION: SUGGESTED MEALS — ASSIGN MEAL (CONTINUED)



The meal is added under Lunch. The user selects "Preview" to preview the current plan.



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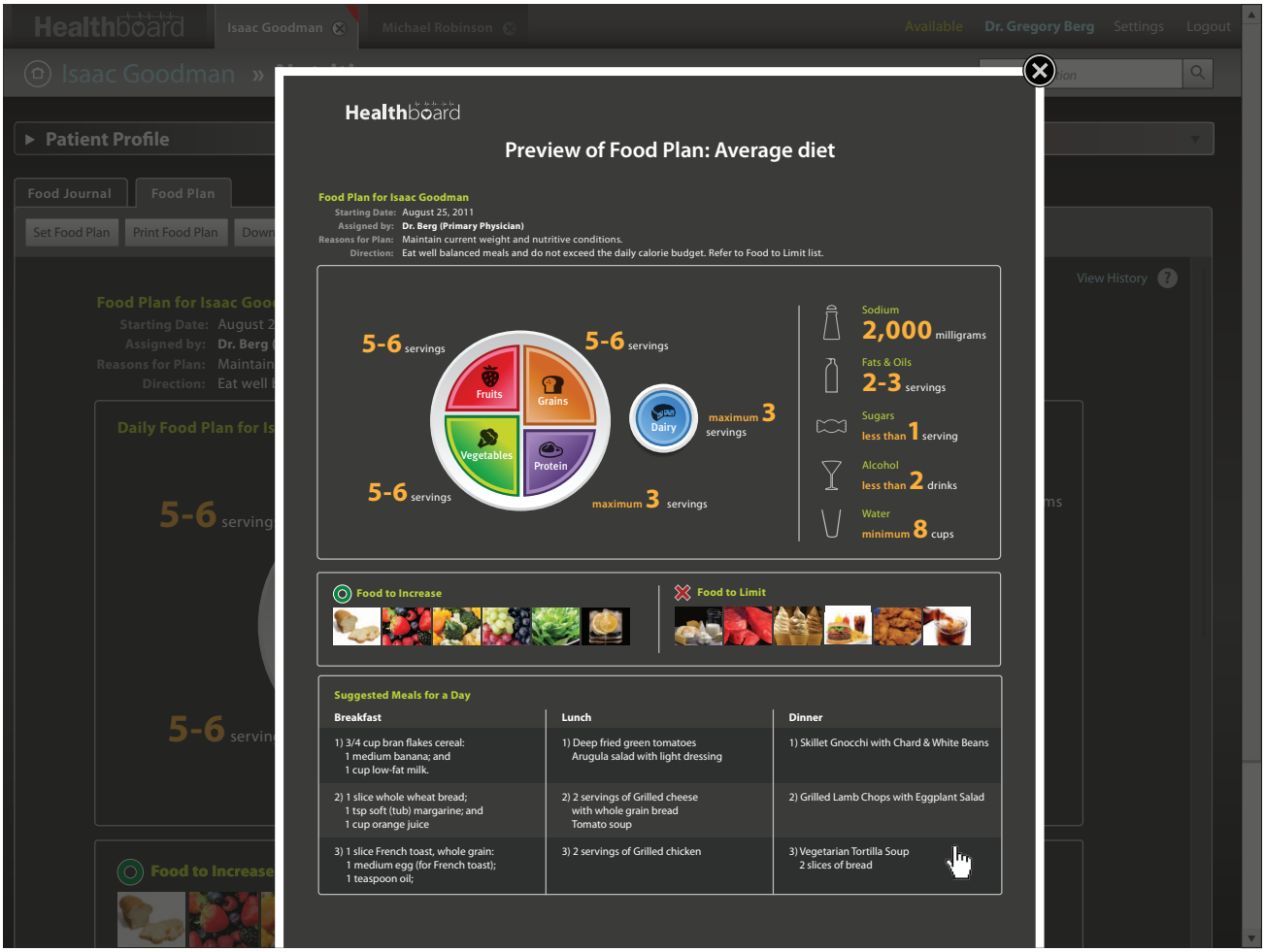
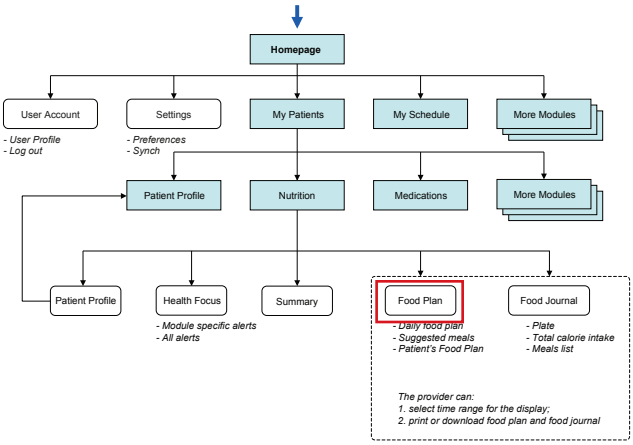
NUTRITION: SUGGESTED MEALS — PREVIEW



The user previews the plan.



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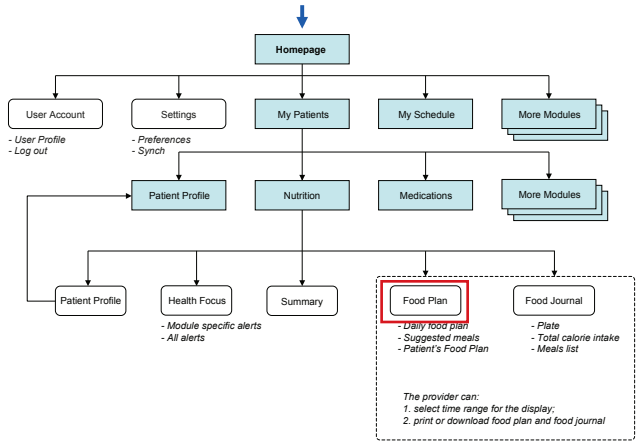
NUTRITION: SAVE AS

The user can save the meal settings as a separate plan by clicking "Save As..."



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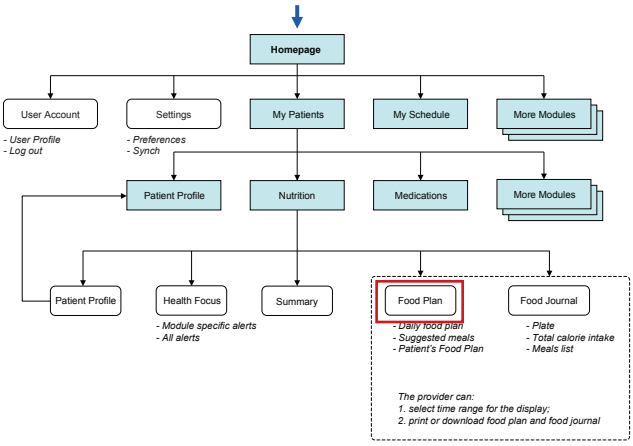
NUTRITION: SAVE AS (CONTINUED)

The user will be prompted with a window to define the food template name, reasons, and directions.



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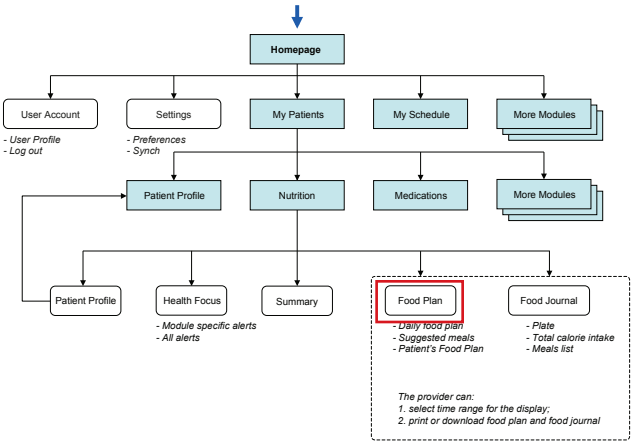
NUTRITION: SAVE AS (CONTINUED)

The new plan will be added under the Selected Plan dropdown menu. The user selects the newly added plan.



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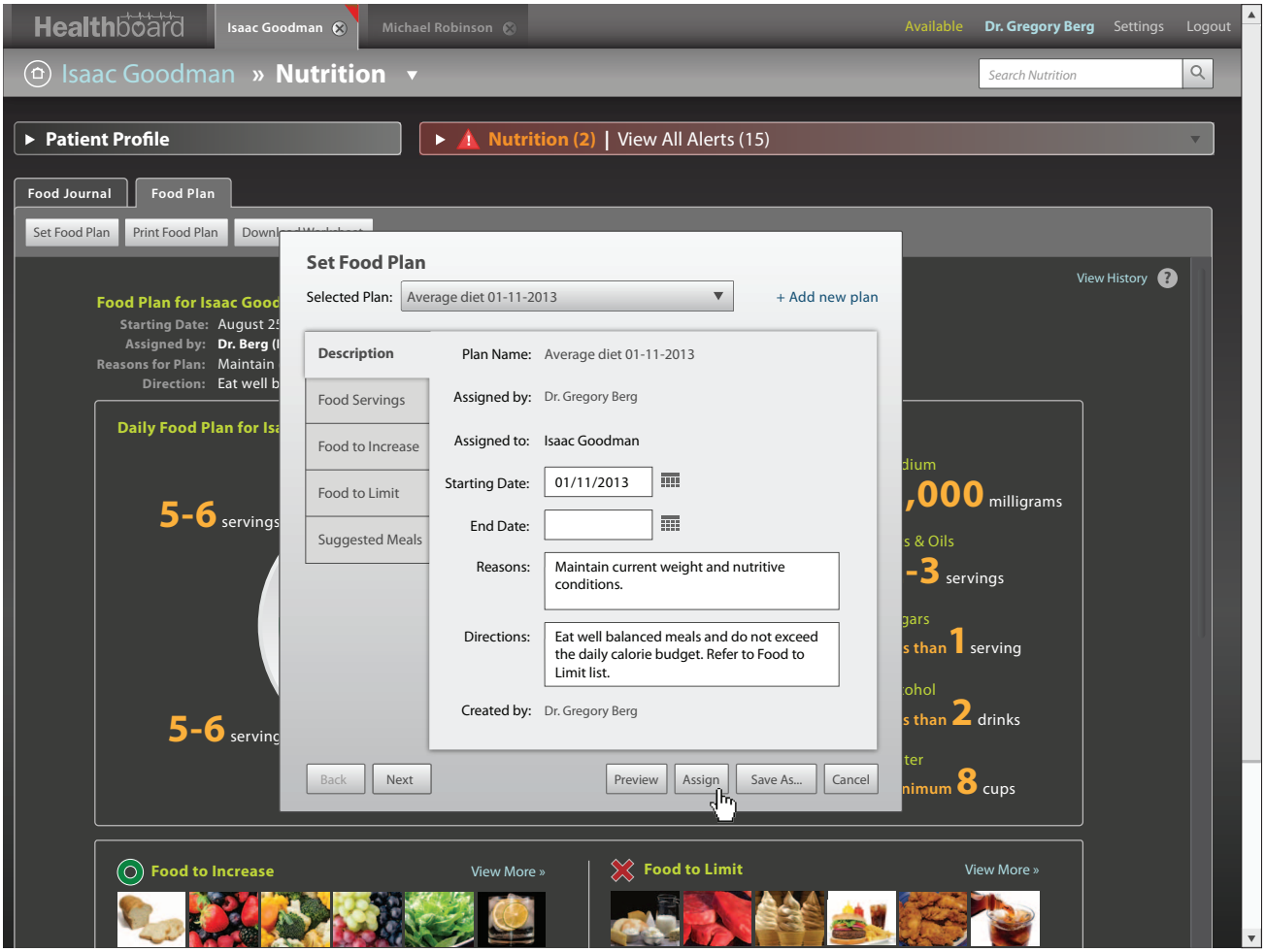
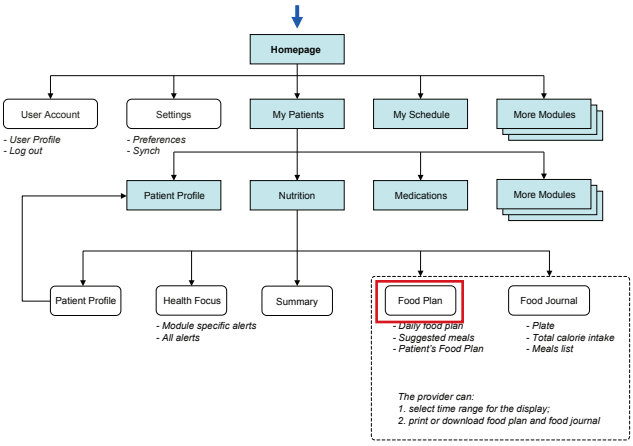
NUTRITION: ASSIGN FOOD PLAN



The user can assign the plan to the patient by clicking the "Assign" button.



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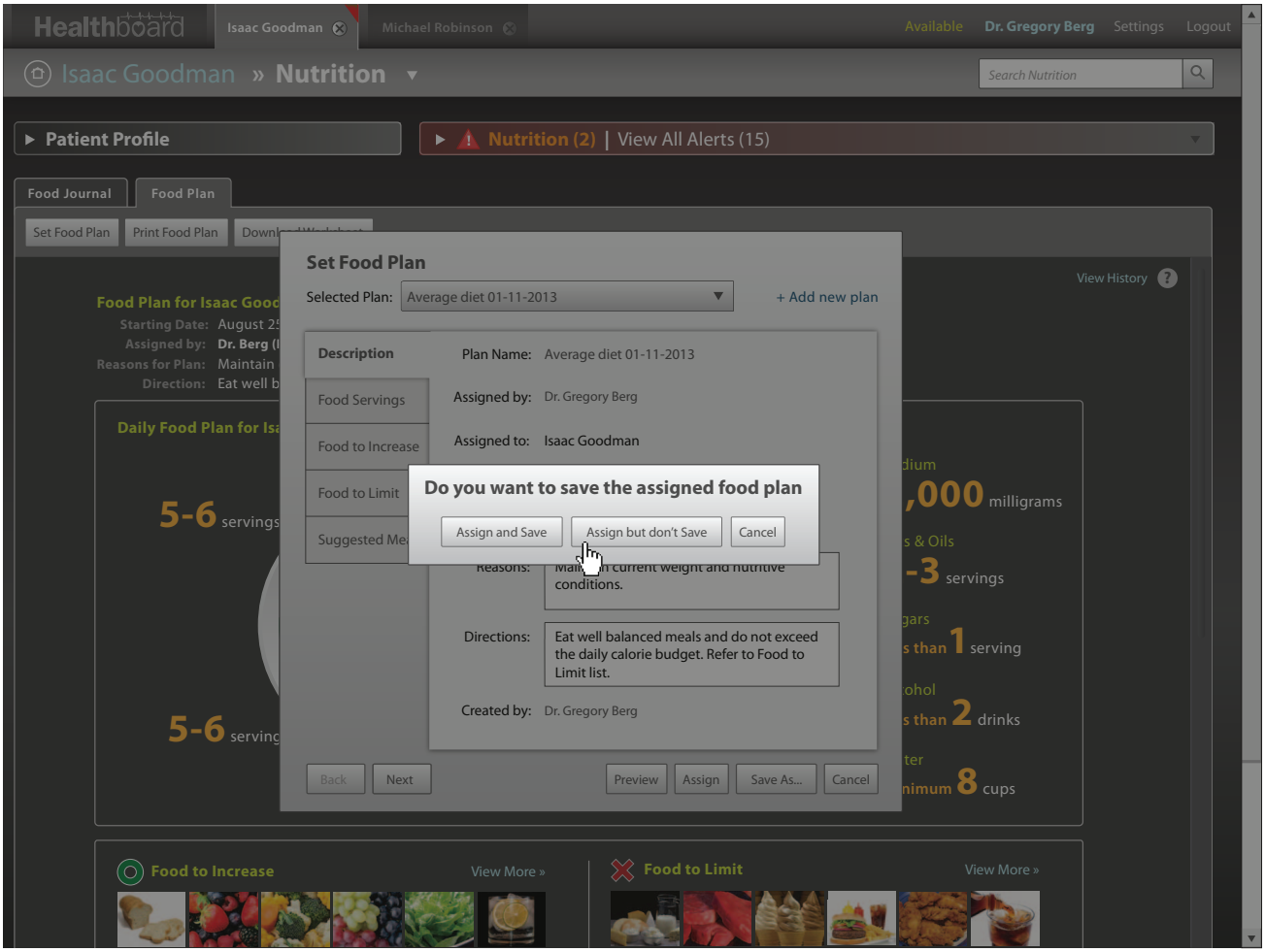
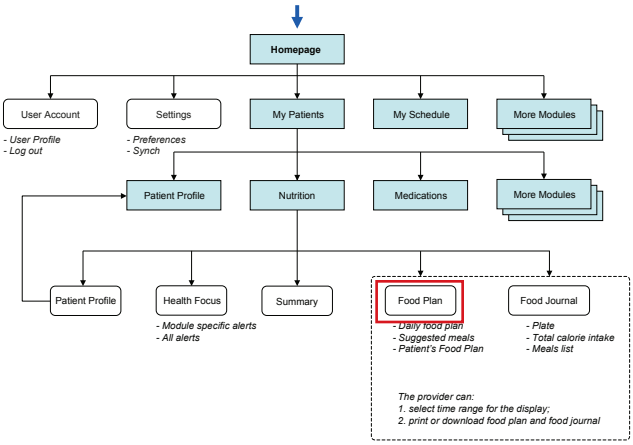
NUTRITION: ASSIGN FOOD PLAN (CONTINUED)



If the user had made changes after selecting the food plan, the user will be prompted with a window with the option to "Assign and Save" or "Assign but don't Save" The user selects "Assign and Save."



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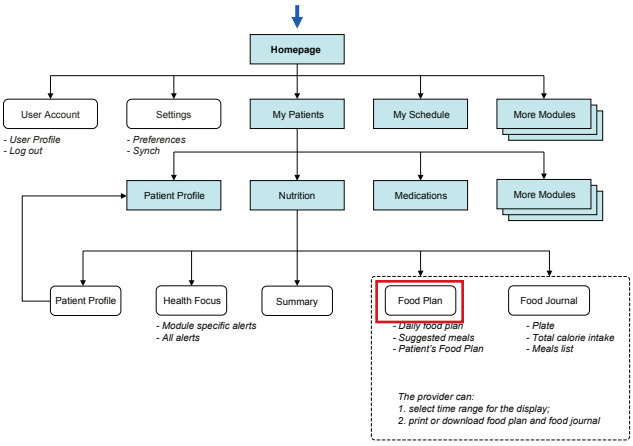
NUTRITION: ASSIGN FOOD PLAN

A new food plan is assigned to the patient.



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Team Profile

INTRODUCTION This section of the Detailed GUI Volume documents the design of the Provider Portal's *Team Profile* module for the Visual Dashboard for a Patient Centered Medical Home (PCMH). The documentation includes both workflow diagrams and visual models: the workflow diagrams detail the user experience and interactions within this module, and the visual models present graphic assets and elements within this module.

The following are high-level objectives for *Team Profile*:

- To allow providers to view the staff list of each team.
- To present staff profile (e.g., name, photo, title, position, specialties) of each staff on the list.
- To enable communication (exchanging messages) among staffs.
- To enable the search functionality for finding staffs.

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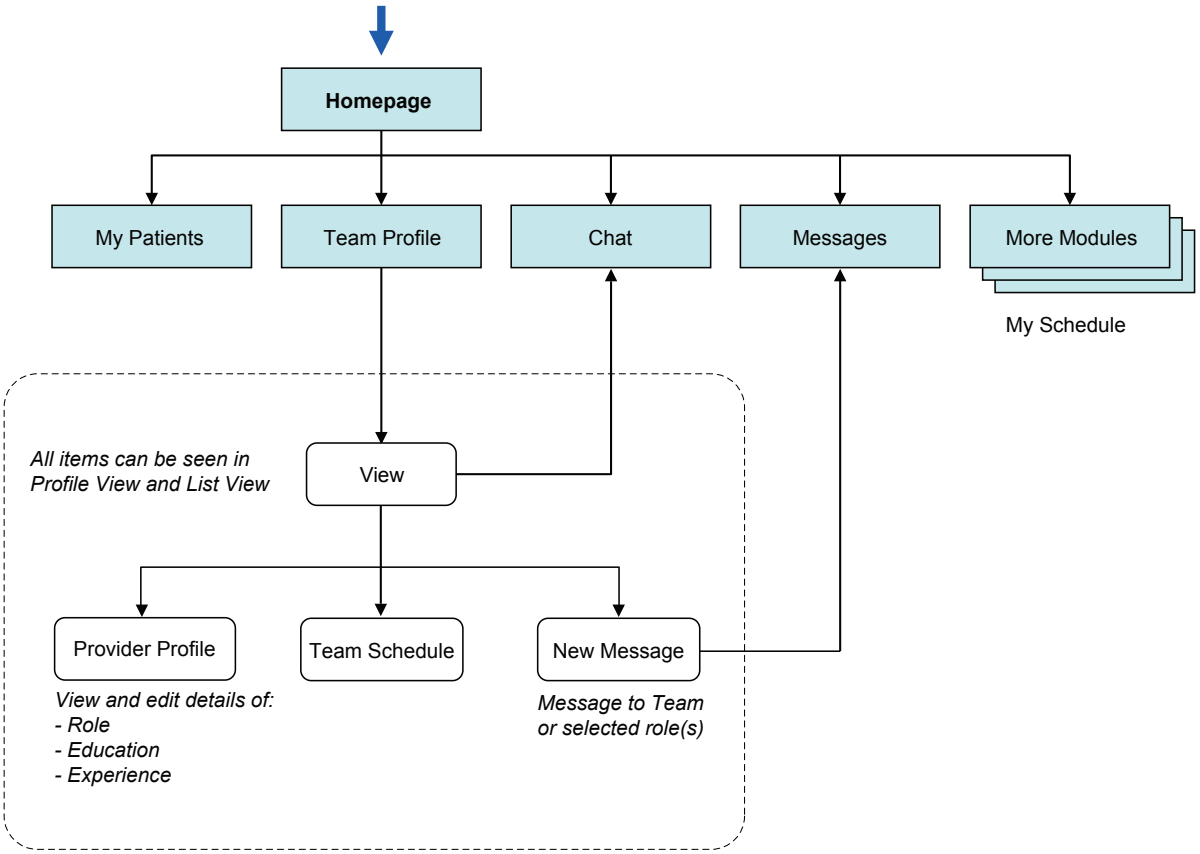
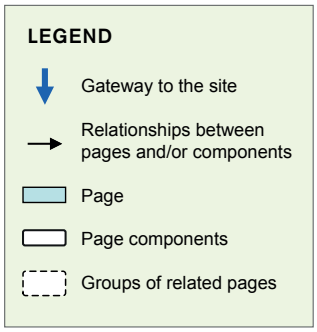
FLOWCHART FOR TEAM PROFILE MODULE





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TEAM PROFILE: HOMEPAGE

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages (12)

3:45 pm	Isaac Goodman	Chronic pain
2 days ago	Isaac Goodman	Problem sleep...
Apr 21	Front Desk	Persist cough
March 27	Michael Robinson	Del Damar

...plus 8 more messages. View All »

Chat

Patients | Search name

Text | Voice | Video | View History

Team Profile

Team: 1 | Role | Search

1	MD	A	Gregory Berg
1	MD	A	Neil Greenfield
1	MD	A	Michael McKinley
1	RN	U	Angela Tritle
1	RN	A	Amanda Renshaw
1	LPN	U	Nina Totenberg
1	LPN	A	Mark Rowell
1	LPN	A	Robert Massie
1	LPN	A	David Memmott
1	Admin	A	Barb Ferguson
1	Admin	A	Steve Speth
1	Admin	A	Grant Bill

My Patients (8)

Patient Search

Search | Show all patients | Only show patients with notifications

Advanced Search »

dd / mm / year (Date of Birth) | All (Sex) | e.g., Hypertension, laryngitis (Special Health conditions)

There are 8 patients who need your attention. | Only show patients I'm seeing today

Urgency	Last Name	First Name	Sex	DOB	Status
	Goodman	Isaac	Male	01/01/1965	4 immunizations overdue – MMR, Po ...
	Robinson	Michael	Male	04/23/1972	Have kidney disease; check potassium
	Alexander	Edward	Male	10/12/1969	Abnormal weight gain – gained 10 ...
	Lee	Berg	Male	02/24/1958	Need medication renewal for Warfarin
	Chang	Anna W	Female	11/07/1978	Need follow-up for gestational diabetes
	Cloud	John S	Male	05/22/1983	Lab result ready
	Robinson	Lance	Male	07/14/1975	1 immunization due soon – Yellow Fev...
	Wunderlich	Michael	Male	10/17/1987	Need physical exam

Appointments (4) Wed, Oct 12

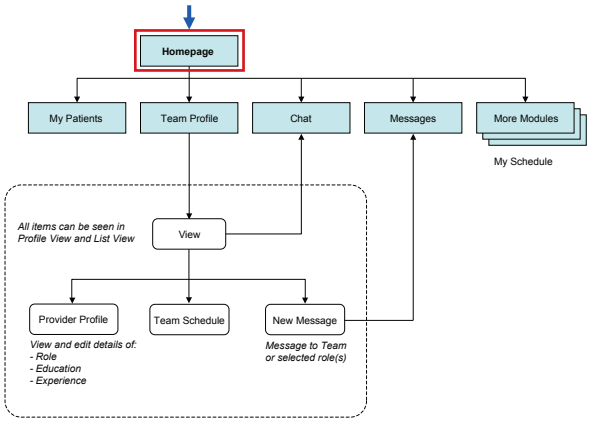
10/12/12 appointment at 1300 with Walter Glover
Physical Examination in Room 304 – Regular check-up
Prerequisite: Diagnostic Studies

0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 »

Gregory Berg, MD
Neil Greenfield, MD
Michael McKinley, MD

Visits | Web Conferences | Telephone Conferences | Others | Pending

On the *Provider Portal Home, Team Profile* widget shows a list of members in the provider's medical team. The widget also shows who is available (indicated with a letter "A"), and unavailable (indicated with a letter "U") today.



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TEAM PROFILE: HOMEPAGE

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages (12)

3:45 pm	Isaac Goodman	Chronic pain
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...plus 8 more messages. View All »

Chat

Patients | Search name

Text | Voice | Video | View History

Team Profile

Team: 1 | Role | Search

1	MD	A	Gregory Berg
1	MD	A	Neil Greenfield
1	MD	A	Michael McKinley
1	RN	U	Angela Tritle
1	RN	A	Amanda Renshaw
1	LPN	U	Nina Totenberg
1	LPN	A	Mark Rowell
1	LPN	A	Robert Massie
1	LPN	A	David Memmott
1	Admin	A	Barb Ferguson
1	Admin	A	Steve Speth
1	Admin	A	Grant Bill

My Patients (8)

Patient Search

Search | Show all patients | Only show patients with notifications

Advanced Search »

dd / mm / year (Date of Birth) | All (Sex) | e.g., Hypertension, laryngitis (Special Health conditions)

There are 8 patients who need your attention. | Only show patients I'm seeing today

Urgency	Last Name	First Name	Sex	DOB	Status
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	Robinson	Michael	Male	04/23/1972	Have kidney disease; check potassium
	Alexander	Edward	Male	10/12/1969	Abnormal weight gain – gained 10 ...
	Lee	Berg	Male	02/24/1958	Need medication renewal for Warfarin
	Chang	Anna W	Female	11/07/1978	Need follow-up for gestational diabetes
	Cloud	John S	Male	05/22/1983	Lab result ready
	Robinson	Lance	Male	07/14/1975	1 immunization due soon – Yellow Fev...
	Wunderlich	Michael	Male	10/17/1987	Need physical exam

Appointments (4) Wed, Oct 12

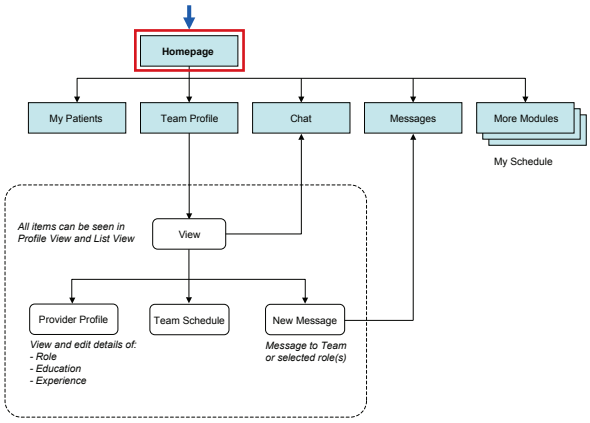
10/12/12 appointment at 1300 with Walter Glover
Physical Examination in Room 304 – Regular check-up
Prerequisite: Diagnostic Studies

0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 »

Gregory Berg, MD
Neil Greenfield, MD
Michael McKinley, MD

Visits | Web Conferences | Telephone Conferences | Others | Pending

The provider can select a team to display in the widget from a drop down menu.



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TEAM PROFILE: HOMEPAGE

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages (12)

3:45 pm	Isaac Goodman	Chronic pain
2 days ago	Isaac Goodman	Problem sleep...
Apr 21	Front Desk	Persist cough
March 27	Michael Robinson	Del Damar

...plus 8 more messages. View All »

Chat

Patients | Search name

Text | Voice | Video | View History

Team Profile

Team: 1 | Role | Search

All
1
2
3
4
5
6

1			
1			
1			
1			
1			
1	LPN	U	Nina Totenberg
1	LPN	A	Mark Rowell
1	LPN	A	Robert Massie
1	LPN	A	David Memmott
1	Admin	A	Barb Ferguson
1	Admin	A	Steve Speth
1	Admin	A	Grant Bill

My Patients (8)

Patient Search

Search | Show all patients | Only show patients with notifications

Advanced Search »

dd / mm / year (Date of Birth) | All (Sex) | e.g., Hypertension, laryngitis (Special Health conditions)

There are 8 patients who need your attention. | Only show patients I'm seeing today

Urgency	Last Name	First Name	Sex	DOB	Status
	Goodman	Isaac	Male	01/01/1965	4 immunizations overdue – MMR, Po ...
	Robinson	Michael	Male	04/23/1972	Have kidney disease; check potassium
	Alexander	Edward	Male	10/12/1969	Abnormal weight gain – gained 10 ...
	Lee	Berg	Male	02/24/1958	Need medication renewal for Warfarin
	Chang	Anna W	Female	11/07/1978	Need follow-up for gestational diabetes
	Cloud	John S	Male	05/22/1983	Lab result ready
	Robinson	Lance	Male	07/14/1975	1 immunization due soon – Yellow Fev...
	Wunderlich	Michael	Male	10/17/1987	Need physical exam

Appointments (4) Wed, Oct 12

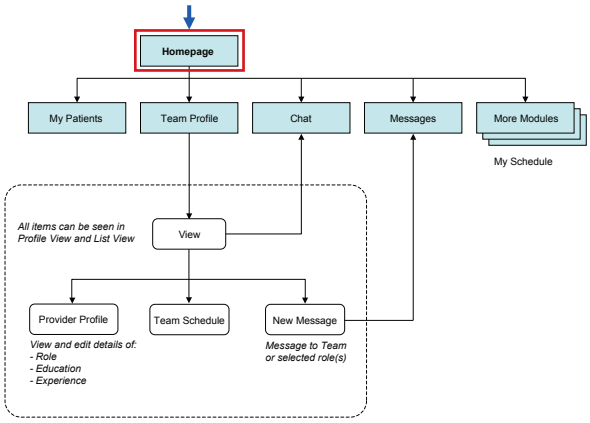
10/12/12 appointment at 1300 with Walter Glover
Physical Examination in Room 304 – Regular check-up
Prerequisite: Diagnostic Studies

0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 »

Gregory Berg, MD
Neil Greenfield, MD
Michael McKinley, MD

Visits | Web Conferences | Telephone Conferences | Others | Pending

The drop down menu gives options to select a team from.



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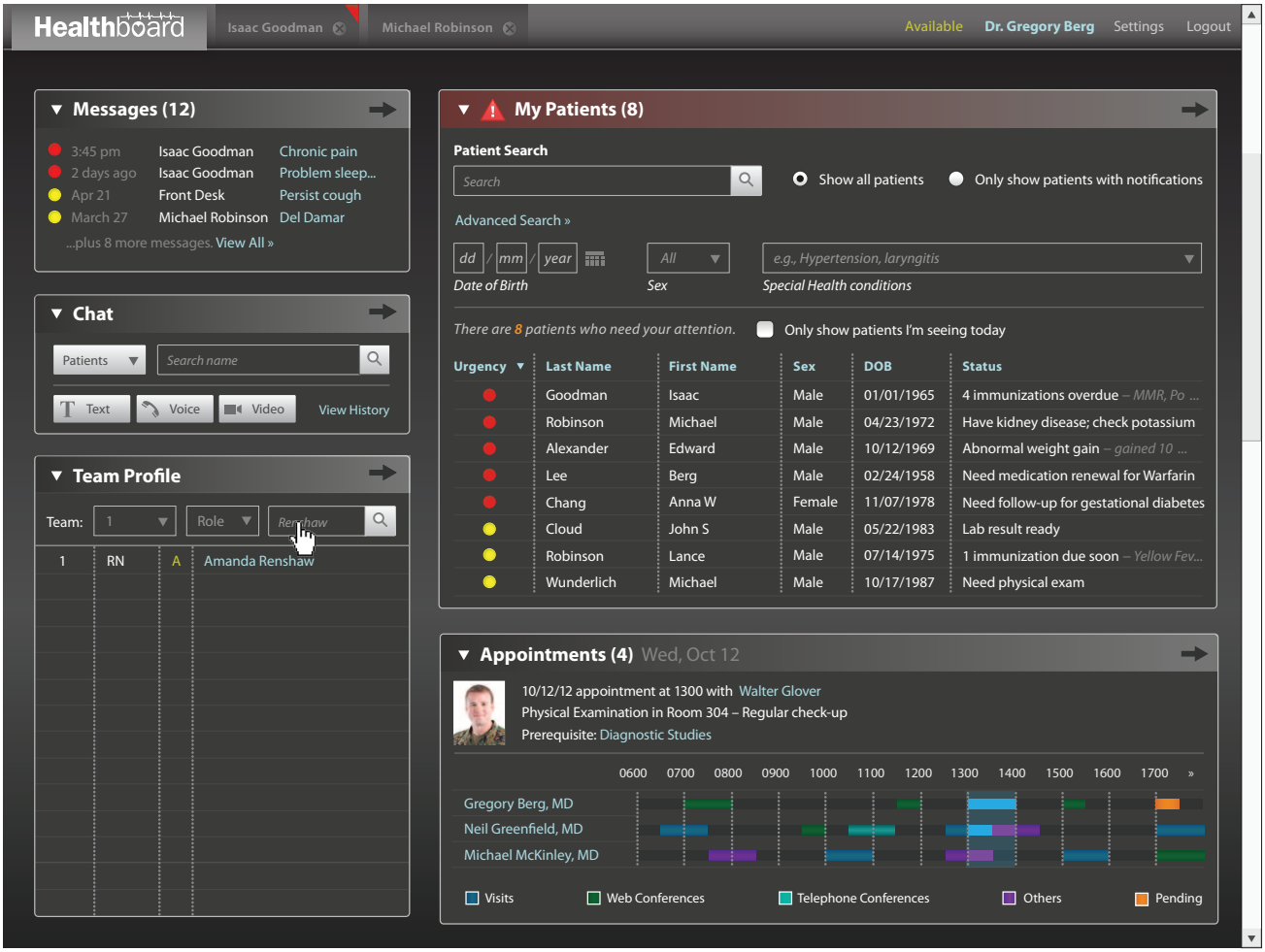
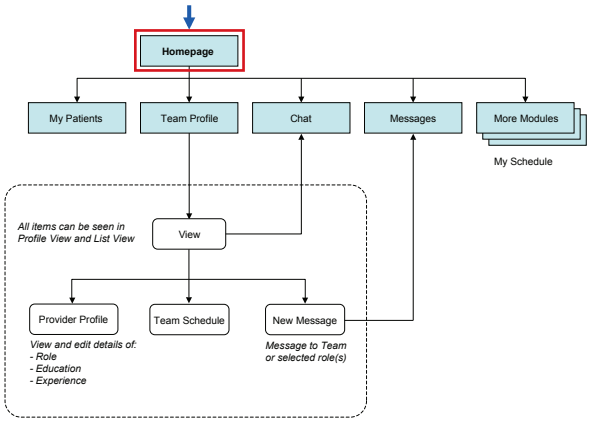
TEAM PROFILE: HOMEPAGE



The user can enter a name to refine the list. In this screen the user selects Team 1 and enters "Renshaw."



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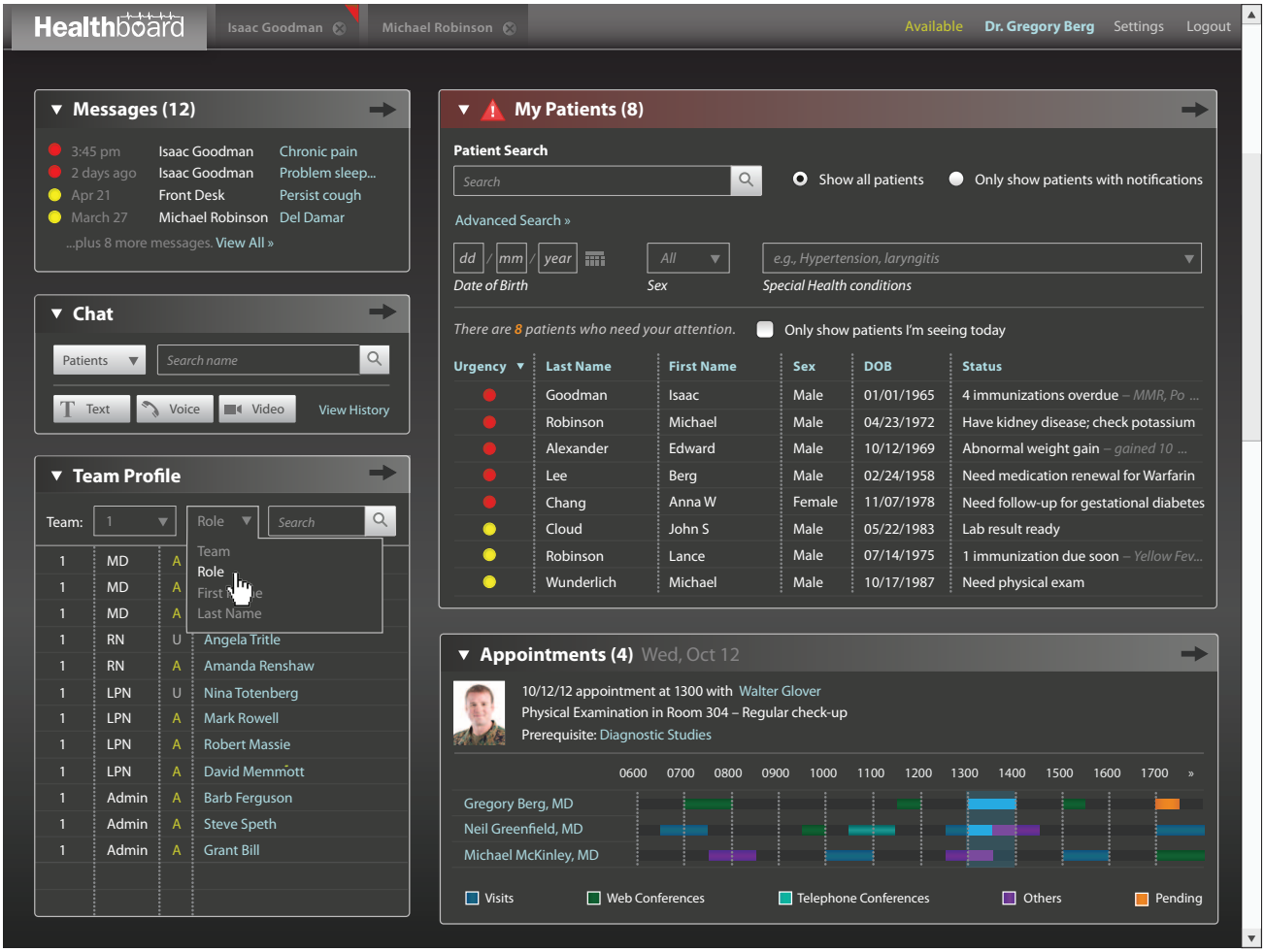
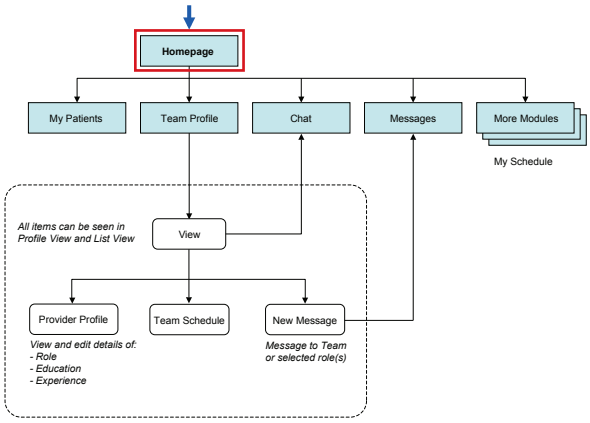
TEAM PROFILE: HOMEPAGE



The user can filter the list with attributes such as team, role, first name and last name.



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TEAM PROFILE: HOMEPAGE

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages (12)

3:45 pm	Isaac Goodman	Chronic pain
2 days ago	Isaac Goodman	Problem sleep...
Apr 21	Front Desk	Persist cough
March 27	Michael Robinson	Del Damar

...plus 8 more messages. View All »

Chat

Patients | Search name

Text | Voice | Video | View History

Team Profile

Team: 1 | Role | Search

Team
Role
First Name
Last Name

1	MD	A	
1	MD	A	
1	MD	A	
1	RN	U	Angela Tritle
1	RN	A	Amanda Renshaw
1	LPN	U	Nina Totenberg
1	LPN	A	Mark Rowell
1	LPN	A	Robert Massie
1	LPN	A	David Memmott
1	Admin	A	Barb Ferguson
1	Admin	A	Steve Speth
1	Admin	A	Grant Bill

My Patients (8)

Patient Search

Search | Show all patients | Only show patients with notifications

Advanced Search »

dd / mm / year — Date of Birth | All — Sex | e.g., Hypertension, laryngitis — Special Health conditions

There are 8 patients who need your attention. | Only show patients I'm seeing today

Urgency	Last Name	First Name	Sex	DOB	Status
	Goodman	Isaac	Male	01/01/1965	4 immunizations overdue – MMR, Po ...
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	Alexander	Edward	Male	10/12/1969	Abnormal weight gain – gained 10 ...
	Lee	Berg	Male	02/24/1958	Need medication renewal for Warfarin
	Chang	Anna W	Female	11/07/1978	Need follow-up for gestational diabetes
	Cloud	John S	Male	05/22/1983	Lab result ready
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Appointments (4) Wed, Oct 12

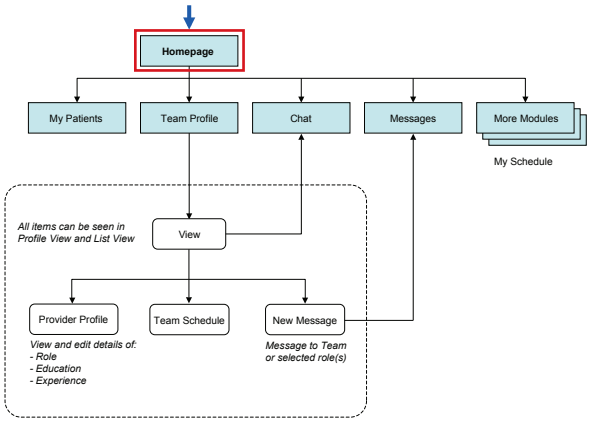
10/12/12 appointment at 1300 with Walter Glover
Physical Examination in Room 304 – Regular check-up
Prerequisite: Diagnostic Studies

0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 »

Gregory Berg, MD
Neil Greenfield, MD
Michael McKinley, MD

Visits | Web Conferences | Telephone Conferences | Others | Pending

The user select the filter "First Name."



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TEAM PROFILE: HOMEPAGE

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages (12)

3:45 pm	Isaac Goodman	Chronic pain
2 days ago	Isaac Goodman	Problem sleep...
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March 27	Michael Robinson	Del Damar

...plus 8 more messages. View All »

Chat

Patients | Search name

Text | Voice | Video | View History

Team Profile

Team: 1 | First | Search

1	RN	A	Amanda Renshaw
1	RN	A	Angela Tritle
1	Admin	A	Barb Ferguson
1	LPN	U	David Memmott
1	Admin	A	Grant Bill
1	MD	U	Gregory Berg
1	LPN	A	Mark Rowell
1	MD	A	Michael McKinley
1	MD	A	Neil Greenfield
1	LPN	A	Nina Totenberg
1	LPN	A	Robert Massie
1	Admin	A	Steve Speth

My Patients (8)

Patient Search

Search | Show all patients | Only show patients with notifications

Advanced Search »

dd / mm / year (Date of Birth) | All (Sex) | e.g., Hypertension, laryngitis (Special Health conditions)

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	Alexander	Edward	Male	10/12/1969	Abnormal weight gain – gained 10 ...
	Lee	Berg	Male	02/24/1958	Need medication renewal for Warfarin
	Chang	Anna W	Female	11/07/1978	Need follow-up for gestational diabetes
	Cloud	John S	Male	05/22/1983	Lab result ready
	Robinson	Lance	Male	07/14/1975	1 immunization due soon – Yellow Fev...
	Wunderlich	Michael	Male	10/17/1987	Need physical exam

Appointments (4) Wed, Oct 12

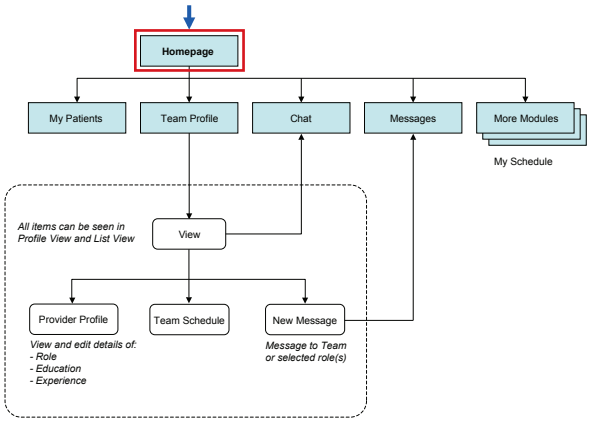
10/12/12 appointment at 1300 with Walter Glover
Physical Examination in Room 304 – Regular check-up
Prerequisite: Diagnostic Studies

0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 »

Gregory Berg, MD
Neil Greenfield, MD
Michael McKinley, MD

Visits | Web Conferences | Telephone Conferences | Others | Pending

The list is sorted by the first name in alphabetical order.



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TEAM PROFILE: HOMEPAGE

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

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...plus 8 more messages. View All »

Chat

Patients | Search name

Text | Voice | Video | View History

Team Profile

Team: 1 | First... | Search

1	RN	A	Amanda Renshaw
1	RN	A	Angela Tritle
1	Admin	A	Barb Ferguson
1	LPN	U	David Memmott
1	Admin	A	Grant Bill
1	MD	U	Gregory Berg
1	LPN	A	Mark Rowell
1	MD	A	Michael McKinley
1	MD	A	Neil Greenfield
1	LPN	A	Nina Totenberg
1	LPN	A	Robert Massie
1	Admin	A	Steve Speth

My Patients (8)

Patient Search

Search | Show all patients | Only show patients with notifications

Advanced Search »

dd / mm / year (Date of Birth) | All (Sex) | e.g., Hypertension, laryngitis (Special Health conditions)

There are 8 patients who need your attention. | Only show patients I'm seeing today

Urgency	Last Name	First Name	Sex	DOB	Status
	Goodman	Isaac	Male	01/01/1965	4 immunizations overdue – MMR, Po ...
	Robinson	Michael	Male	04/23/1972	Have kidney disease; check potassium
	Alexander	Edward	Male	10/12/1969	Abnormal weight gain – gained 10 ...
	Lee	Berg	Male	02/24/1958	Need medication renewal for Warfarin
	Chang	Anna W	Female	11/07/1978	Need follow-up for gestational diabetes
	Cloud	John S	Male	05/22/1983	Lab result ready
	Robinson	Lance	Male	07/14/1975	1 immunization due soon – Yellow Fev...
	Wunderlich	Michael	Male	10/17/1987	Need physical exam

Appointments (4) Wed, Oct 12

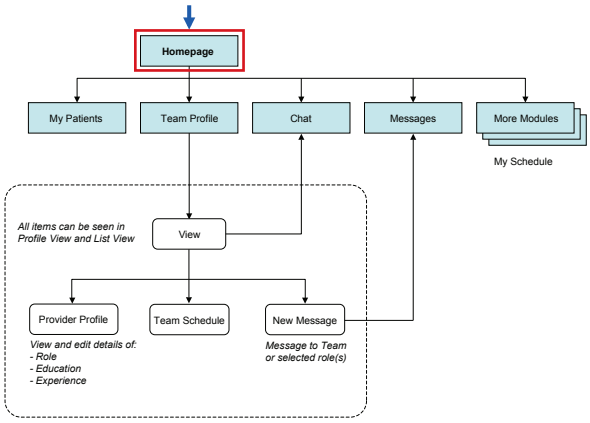
10/12/12 appointment at 1300 with Walter Glover
Physical Examination in Room 304 – Regular check-up
Prerequisite: Diagnostic Studies

0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 »

Gregory Berg, MD
Neil Greenfield, MD
Michael McKinley, MD

Visits | Web Conferences | Telephone Conferences | Others | Pending

As the user hovers over a team member's name, a message icon appears in the right hand. Clicking the icon will take the user to *Messages* module where the user can compose a message to the selected team mate.



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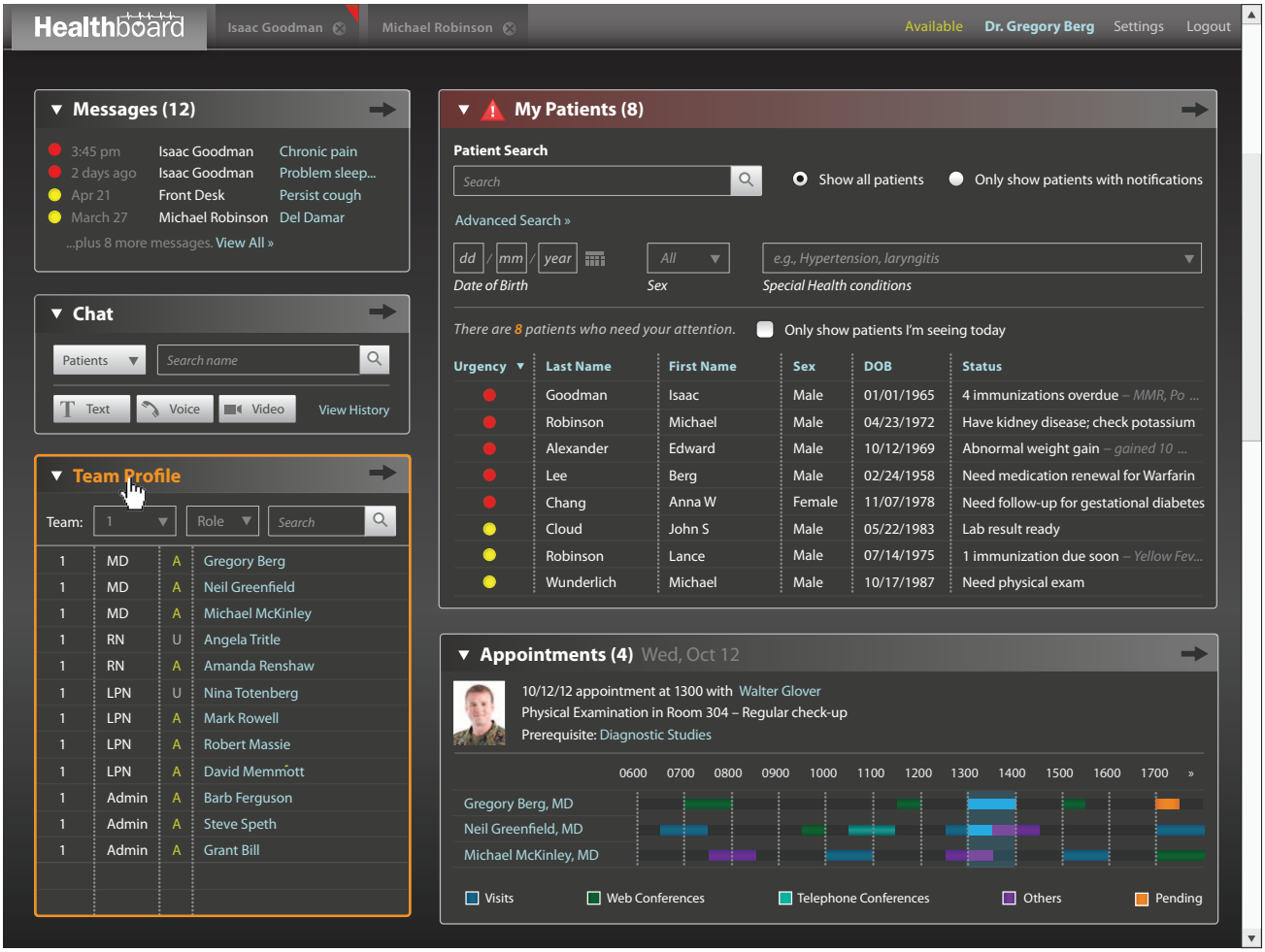
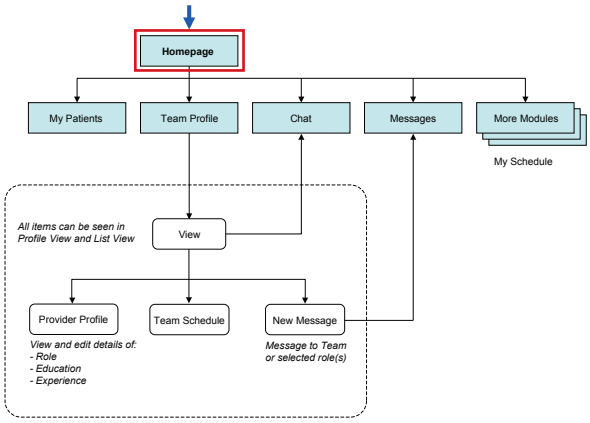
TEAM PROFILE: HOMEPAGE



The user can access the *Team Profile* module by clicking the widget.



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TEAM PROFILE: LIST VIEW

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Team Profile

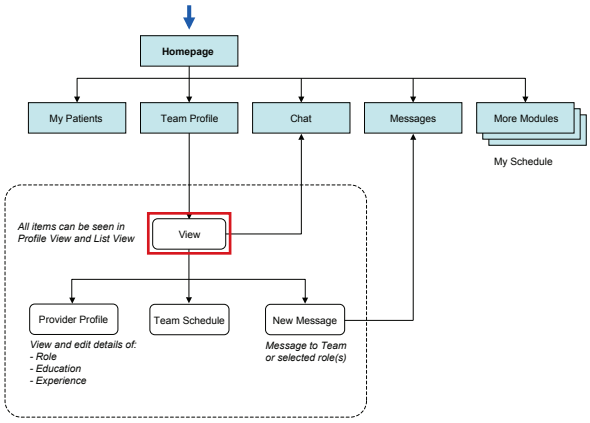
Search Team Profile

Show all
Team 1
Team 2
Team 3
Team 4
Team 5
Team 6

Profiles

Team	Title	Name	Department	Location	Specialty	Board status
1	MD	Gregory Berg	General care	NNMC	General practice	Certified
1	MD	Neil Greenfield	General care	NNMC	Family medicine	Certified
1	MD	Michael McKinlay	General care	NNMC	General practice	Certified
1	RN	Angela Tritle	General care	NNMC	Diabetes	Certified
1	RN	Amanda Renshaw	General care	NNMC	Pain Management	Certified
1	LPN	Nina Totenberg	General care	NNMC	Office Nursing	Certified
1	LPN	Mark Rowell	General care	NNMC	Office Nursing	Certified
1	LPN	Robert Massie	General care	NNMC	Hospital Nursing	Certified
1	LPN	David Memmott	General care	NNMC	Military Nursing	Certified
1	ADMIN	Barb Ferguson	General care	NNMC		
1	ADMIN	Steve Speth	General care	NNMC		
1	ADMIN	Grant Bill	General care	NNMC		

The landing screen shows a list of the user's team members in the table view. From the left-hand navigation, the user can navigate to "Show All," or each teams. Clicking any of these links will change the list accordingly.



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TEAM PROFILE: LIST VIEW

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Team Profile

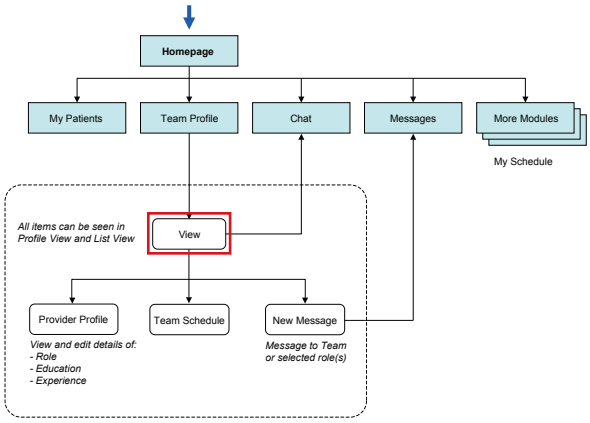
Search Team Profile

Show all
Team 1
Team 2
Team 3
Team 4
Team 5
Team 6

Profiles

Team	Title	Name	Department	Location	Specialty	Board status
1	MD	Gregory Berg	General care	NNMC	General practice	Certified
1	MD	Neil Greenfield	General care	NNMC	Family medicine	Certified
1	MD	Michael McKinlay	General care	NNMC	General practice	Certified
1	RN	Angela Tritle	General care	NNMC	Diabetes	Certified
1	RN	Amanda Renshaw	General care	NNMC	Pain Management	Certified
1	LPN	Nina Totenberg	General care	NNMC	Office Nursing	Certified
1	LPN	Mark Rowell	General care	NNMC	Office Nursing	Certified
1	LPN	Robert Massie	General care	NNMC	Hospital Nursing	Certified
1	LPN	David Memmott	General care	NNMC	Military Nursing	Certified
1	ADMIN	Barb Ferguson	General care	NNMC		
1	ADMIN	Steve Speth	General care	NNMC		
1	ADMIN	Grant Bill	General care	NNMC		

As the user hovers over each row in the list, the message icon appears next to name of the highlighted individual.



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TEAM PROFILE: LIST VIEW

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Team Profile

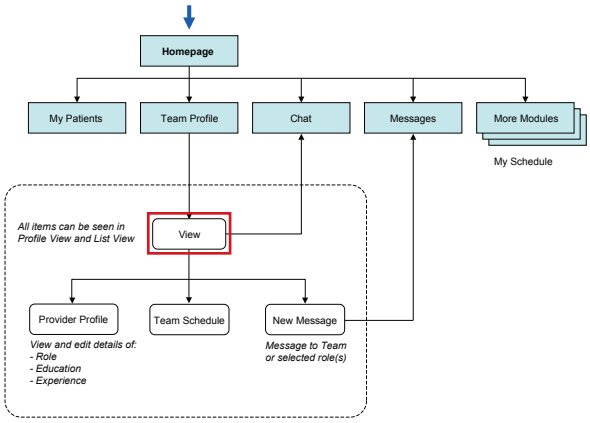
Renshaw

Show all
Team 1
Team 2
Team 3
Team 4
Team 5
Team 6

Profiles

Team	Title	Name	Department	Location	Specialty	Board status
1	RN	Amanda Renshaw	General care	NNMC	Pain Management	Certified

The user can run a search from the search bar on the top right in the menu bar.



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TEAM PROFILE: LIST VIEW

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Team Profile

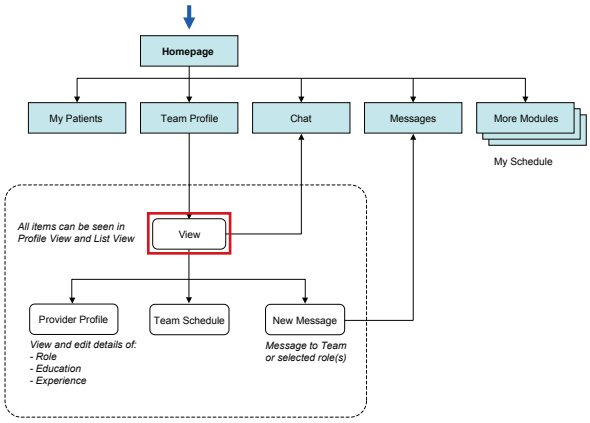
Search Team Profile

Show all
Team 1
Team 2
Team 3
Team 4
Team 5
Team 6

Profiles

Team	Title	Name	Department	Location	Specialty	Board status
1	MD	Gregory Berg	General care	NNMC	General practice	Certified
1	MD	Neil Greenfield	General care	NNMC	Family medicine	Certified
1	MD	Michael McKinlay	General care	NNMC	General practice	Certified
1	RN	Angela Tritle	General care	NNMC	Diabetes	Certified
1	RN	Amanda Renshaw	General care	NNMC	Pain Management	Certified
1	LPN	Nina Totenberg	General care	NNMC	Office Nursing	Certified
1	LPN	Mark Rowell	General care	NNMC	Office Nursing	Certified
1	LPN	Robert Massie	General care	NNMC	Hospital Nursing	Certified
1	LPN	David Memmott	General care	NNMC	Military Nursing	Certified
1	ADMIN	Barb Ferguson	General care	NNMC		
1	ADMIN	Steve Speth	General care	NNMC		
1	ADMIN	Grant Bill	General care	NNMC		
2	MD	Barbara Stowe	General care	NNMC	Family medicine	Certified
2	MD	Steve Grant	General care	NNMC	General practice, pediatrics	Certified
2	MD	Linton Barrick	General care	NNMC	General practice	Certified
2	RN	Karen Clark	General care	NNMC	Pain Management	Certified
2	RN	Peter Russell	General care	NNMC	Interventional Radiology	Certified
2	LPN	Angela Lansbury	General care	NNMC	Military Nursing	Certified
2	LPN	Nanny McPhee	General care	NNMC	Hospital Nursing	Certified
2	LPN	Jessica Fletcher	General care	NNMC	Military Nursing	Certified

In this screen the user selects "Show All." List of members in all teams appears in the table. As the default, individuals are grouped by their team.



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TEAM PROFILE: PROFILE VIEW

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Team Profile ▾ | Search Team Profile

Show all
Team 1
Team 2
Team 3
Team 4
Team 5
Team 6

Profiles

All Teams
Number of Teams: 6
Team Members: 120

View Team Schedule »
Message to Team »

MD
Message to All MD »

RN
Message to All RN »

LPN
Message to All LPN »

ADMIN
Message to All ADMIN »

MD Profile
Dr. Gregory Berg
Specialty: General Practice
Board: Certified
Title: MD
Team: 1

MD Profile
Dr. Neil Greenfield
Specialty: Family Medicine
Board: Certified
Title: MD
Team: 1

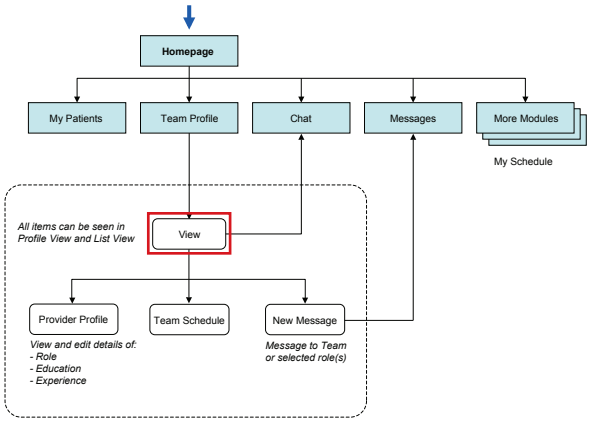
MD Profile
Dr. Michael McKinley
Specialty: General Practice
Board: Certified
Title: MD
Team: 1

RN Profile
Angela Tritle
Specialty: Diabetes
Board: Certified
Title: RN
Team: 1

RN Profile
Amanda Renshaw
Specialty: Pain Management
Board: Certified
Title: RN
Team: 1

LPN Profile
Nina Totenberg
Specialty: Office Nursing
Board: Certified
Title: RN
Team: 1

The user can view members list in a profile view by clicking the button located on the top right in the action bar. From the menus in the left column, the user can send a message to team members at once. The user can access team member's profile by clicking the individual's name or panel.



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TEAM PROFILE: PROFILE VIEW

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Team Profile ▾ | Search Team Profile

Show all
Team 1
Team 2
Team 3
Team 4
Team 5
Team 6

Profiles

Team 1

Date Created: August 1, 2011
Created by: Henry Spencer (ADMIN)
Purpose: General care and emergency care

Last Updated: August 5, 2011
Updated by: Barb Ferguson
Location: NNMC
Team members: 10

View Team Schedule »
Message to Team »

MD
Message to All MD »

Dr. Gregory Berg
Dr. Neil Greenfield
Dr. Michael McKinley

RN
Message to All RN »

Angela Tritle
Amanda Renshaw

LPN
Message to All LPN »

Nina Totenberg
Mark Rowell
Robert Massie
David Memmott

ADMIN
Message to All ADMIN »

Barb Ferguson
David Speth
Grant Bill

MD Profile
Dr. Gregory Berg
Specialty: General Practice
Board: Certified
Title: MD
Team: 1

MD Profile
Dr. Neil Greenfield
Specialty: Family Medicine
Board: Certified
Title: MD
Team: 1

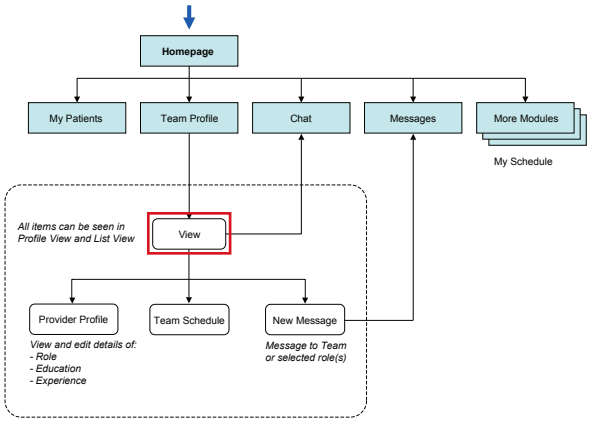
MD Profile
Dr. Michael McKinley
Specialty: General Practice
Board: Certified
Title: MD
Team: 1

RN Profile
Angela Tritle
Specialty: Diabetes
Board: Certified
Title: RN
Team: 1

RN Profile
Amanda Renshaw
Specialty: Pain Management
Board: Certified
Title: RN
Team: 1

LPN Profile
Nina Totenberg
Specialty: Office Nursing
Board: Certified
Title: RN
Team: 1

The user selects "Team 1" and the content updates accordingly. In the content area, the team's general information is shown at the top, such as date created, admin, number of members, etc. The left column emu shows the list of individuals in each roles, and gives the user an option to send message to members.



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TEAM PROFILE: PROFILE VIEW

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Team Profile ▾ | Search Team Profile

Show all
Team 1
Team 2
Team 3
Team 4
Team 5
Team 6

Profiles

Team 1
Date Created: August 1, 2011
Created by: Henry Spencer (ADMIN)
Purpose: General care and emergency care
Last Updated: August 5, 2011
Updated by: Barb Ferguson
Location: NNMC
Team members: 10

View Team Schedule »
Message to Team »

MD
Message to All MD »

Dr. Gregory Berg
Dr. Neil Greenfield
Dr. Michael McKinley

RN
Message to All RN »

Angela Tritle
Amanda Renshaw

LPN
Message to All LPN »

Nina Totenberg
Mark Rowell
Robert Massie
David Memmott

ADMIN
Message to All ADMIN »

Barb Ferguson
David Speth
Grant Bill

MD Profile
Dr. Gregory Berg
Specialty: General Practice
Board: Certified
Title: MD
Team: 1

MD Profile
Dr. Neil Greenfield
Specialty: Family Medicine
Board: Certified
Title: MD
Team: 1

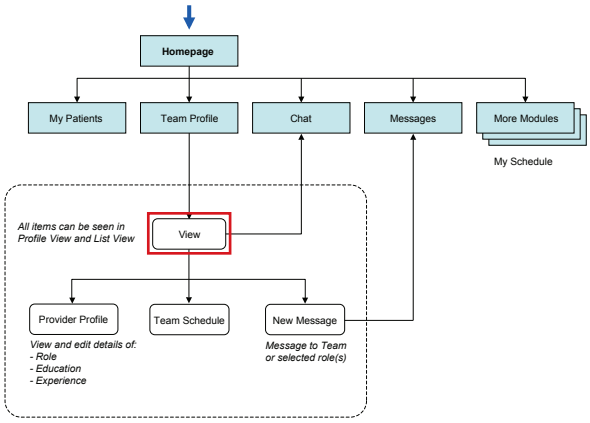
MD Profile
Dr. Michael McKinley
Specialty: General Practice
Board: Certified
Title: MD
Team: 1

RN Profile
Angela Tritle
Specialty: Diabetes
Board: Certified
Title: RN
Team: 1

RN Profile
Amanda Renshaw
Specialty: Pain Management
Board: Certified
Title: RN
Team: 1

LPN Profile
Nina Totenberg
Specialty: Office Nursing
Board: Certified
Title: RN
Team: 1

The user clicks on the "Message to Team" link.



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TEAM PROFILE: MESSAGE TO TEAM

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages ▾ *You have no new messages.* Search Messages

MAILBOXES
- Inbox
- Drafts
- Sent
- Trash

Inbox | New message | +

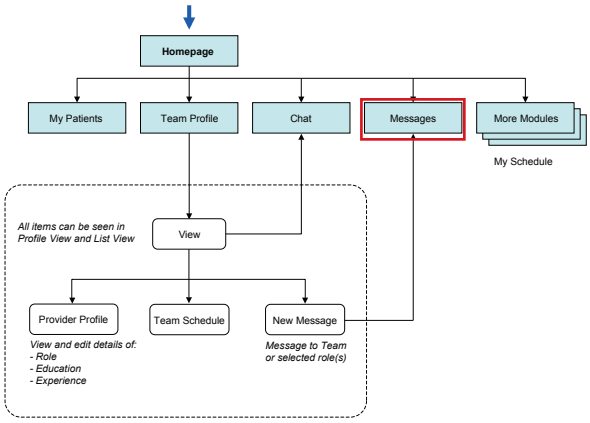
Send | Save Draft | Cancel

Subject:
Prespecified subject #1

To:
Team 1;

Add attachment | Not Urgent | Send | Save | Cancel

The user is sent to the Messages module with the "Subject:" and "To:" prefilled.



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TEAM PROFILE: PROVIDER OPTIONS

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Team Profile ▾ | Search Team Profile

Show all
Team 1
Team 2
Team 3
Team 4
Team 5
Team 6

Profiles

Team 1
Date Created: August 1, 2011
Created by: Henry Spencer (ADMIN)
Purpose: General care and emergency care
Last Updated: August 5, 2011
Updated by: Barb Ferguson
Location: NNMC
Team members: 10

View Team Schedule »
Message to Team »

MD
Message to All MD »

Dr. Gregory Berg
Dr. Neil Greenfield
Dr. Michael McKinley

RN
Message to All RN »

Angela Tritle
Amanda Renshaw

LPN
Message to All LPN »

Nina Totenberg
Mark Rowell
Robert Massie
David Memmott

ADMIN
Message to All ADMIN »

Barb Ferguson
David Speth
Grant Bill

MD Profile
Dr. Gregory Berg
Specialty: General Practice
Board: Certified
Title: MD
Team: 1
Status: Available
View profile
View appointments
Send a message
Start chat

MD Profile
Dr. Neil Greenfield
Specialty: Family Medicine
Board: Certified
Title: MD
Team: 1

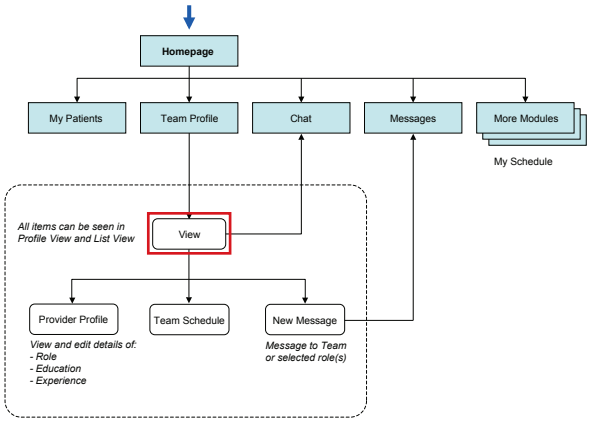
MD Profile
Dr. Michael McKinley
Specialty: General Practice
Board: Certified
Title: MD
Team: 1

RN Profile
Angela Tritle
Specialty: Diabetes
Board: Certified
Title: RN
Team: 1

RN Profile
Amanda Renshaw
Specialty: Pain Management
Board: Certified
Title: RN
Team: 1

LPN Profile
Nina Totenberg
Specialty: Office Nursing
Board: Certified
Title: RN
Team: 1

As the user hovers over an individual's name, a drop down menu appears offering different options. The user can either: view profile, view appointments, send a message, or start chat.



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TEAM PROFILE: PROVIDER OPTIONS

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Team Profile ▾ | Search Team Profile

Show all
Team 1
Team 2
Team 3
Team 4
Team 5
Team 6

Profiles

Team 1
Date Created: August 1, 2011
Created by: Henry Spencer (ADMIN)
Purpose: General care and emergency care
Last Updated: August 5, 2011
Updated by: Barb Ferguson
Location: NNMC
Team members: 10

View Team Schedule »
Message to Team »

MD
Message to All MD »

Dr. Gregory Berg
Dr. Neil Greenfield
Dr. Michael McKinley

RN
Message to All RN »

Angela Tritle
Amanda Renshaw

LPN
Message to All LPN »

Nina Totenberg
Mark Rowell
Robert Massie
David Memmott

ADMIN
Message to All ADMIN »

Barb Ferguson
David Speth
Grant Bill

MD Profile
Dr. Gregory Berg
Specialty: General Practice
Board: Certified
Title: MD
Team: 1
Status: Available
View profile
View appointments
Send a message
Start chat

MD Profile
Dr. Neil Greenfield
Specialty: Family Medicine
Board: Certified
Title: MD
Team: 1

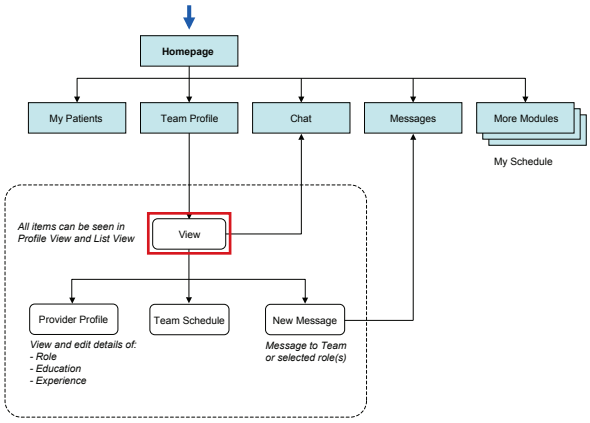
MD Profile
Dr. Michael McKinley
Specialty: General Practice
Board: Certified
Title: MD
Team: 1

RN Profile
Angela Tritle
Specialty: Diabetes
Board: Certified
Title: RN
Team: 1

RN Profile
Amanda Renshaw
Specialty: Pain Management
Board: Certified
Title: RN
Team: 1

LPN Profile
Nina Totenberg
Specialty: Office Nursing
Board: Certified
Title: RN
Team: 1

The user click "View Profile."



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TEAM PROFILE: PROVIDER INFORMATION

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Team Profile ▾ | Search Team Profile

Show all
Team 1
Team 2
Team 3
Team 4
Team 5
Team 6

Profiles | Dr. Gregory Berg ×

Dr. Gregory Berg

DOB: 01/01/1963
Age: 49 Years
Sex: Male

Role and Office Information

Position: MD
Current Team: 1
Location: NNMC
Office: Room 204 building B
Office Phone: 2122921227
Email Address: berggre123@nnmc.com

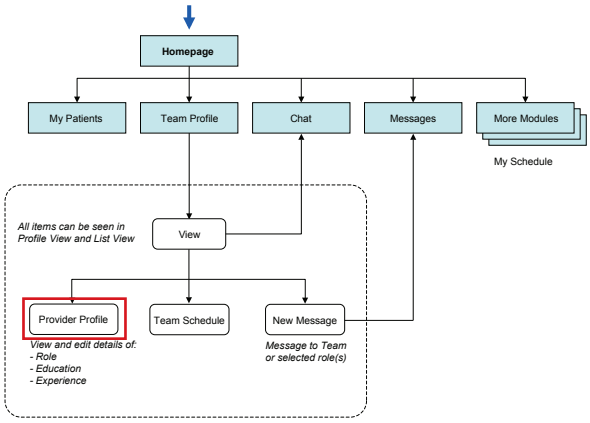
Education & Experience

Education: M.D., Howard University College of Medicine, Washington, DC, 1990
B.S., Duke University, Durham, NC, 1984
Board Certifications: American Board of Surgery
American Board of Internal Medicine
Specialty: General Surgery

Address and Emergency Contact
Only viewable by admin

Edit

This screen shows the user's profile summary. The user can access profile edit page by clicking "Edit" button.



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TEAM PROFILE: EDITING PROVIDER INFORMATION

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Team Profile | Search Team Profile

User Profile

change profile picture

Gregory Berg

DOB: 01/01/1963 (49 Years)
Sex: Male
Team: 1v
Role: Surgeon

Security

Password: **********
Password Confirmation: **********
Security Question: What is the name of your first pet?
Answer for Security Question: Woolf
E-mail Address: berggre123@nnmc.com

Education and Experience

Education: M.D., Howard University College of Medicine, Washington, DC, 1990
B.S., Duke University, Durham, NC, 1984
Board Certifications: American Board of Surgery
American Board of Internal Medicine
Specialty: General Surgery

Role and Office Information

Position: MD
Current Team: 1
Location: NNMC
Office: Room 204 building B
Office Phone: 2122921227

Address

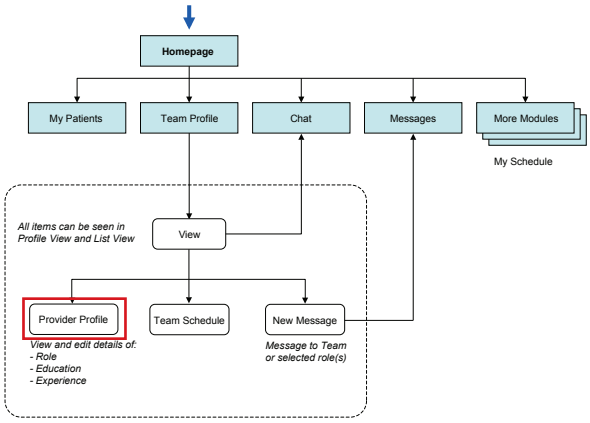
Street 1: 123 Woodfield Road
Street 2:
City: Besthesda
State/Province: MD
ZIP/Postal Code: 20889

Emergency Contact

Name: Virginia Berg
Relation: Spouse
Emergency Phone 1: 212-123-4567
Emergency Phone 2: 212-123-4568

Save | Cancel

Once the user clicks the "Edit" button, the screen switches to edit mode. The user can update his profile information.



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Appointments (Team Doctors)

INTRODUCTION This section of the Detailed GUI Volume documents the design of the Provider Portal's *Appointments (team doctors)* module for the Visual Dashboard for a Patient Centered Medical Home (PCMH). The documentation includes both workflow diagrams and visual models: the workflow diagrams detail the user experience and interactions within this module, and the visual models present graphic assets and elements within this module.

The following are high-level objectives for *Appointments (team doctors)*:

- To allow providers to access their schedules in daily, weekly, and month views.
- To allow providers to view requested appointments from their patients and take actions (e.g., accept, decline, confirm, etc.)

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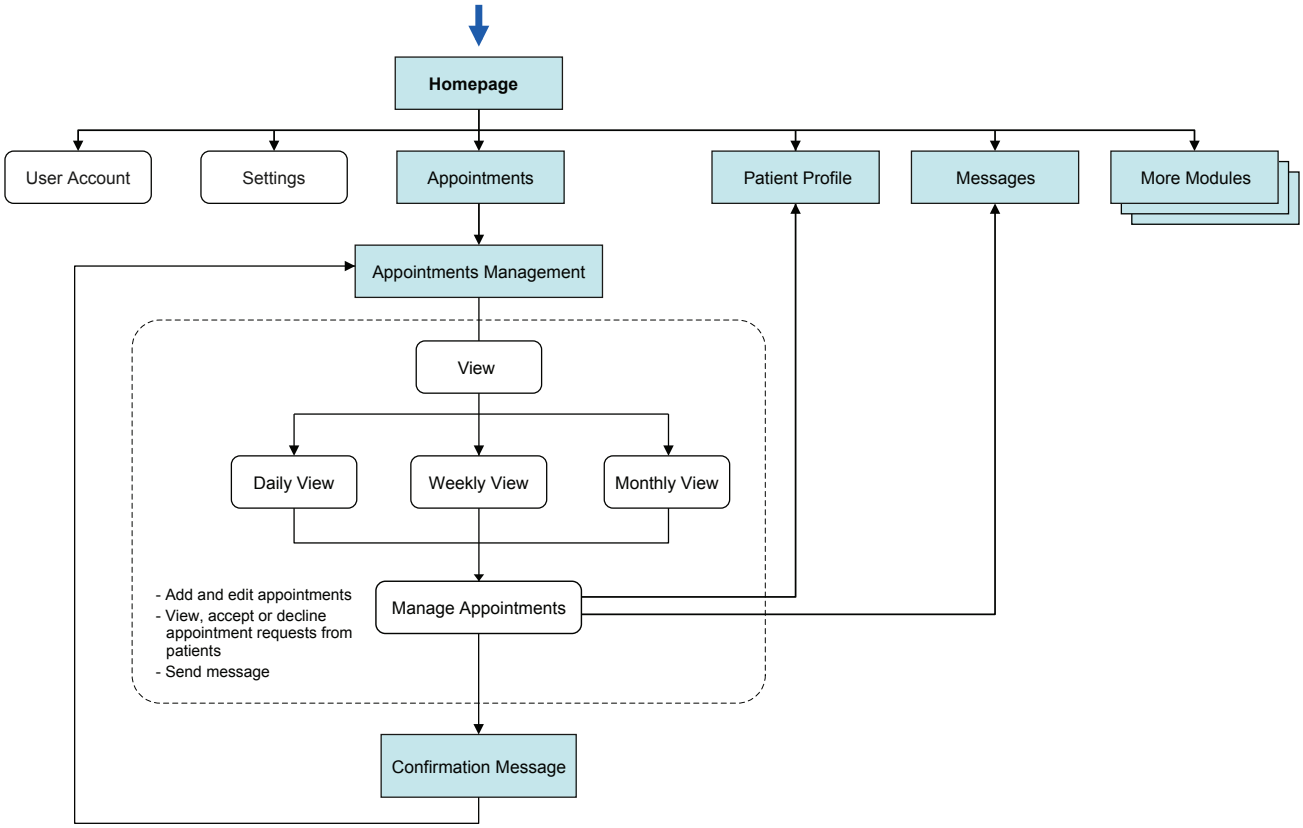
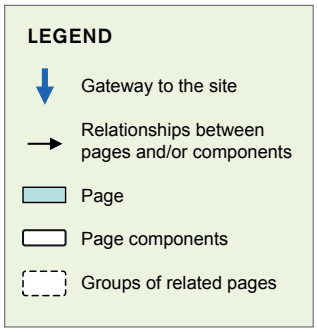
FLOWCHART FOR APPOINTMENTS MODULE





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APPOINTMENTS: HOMEPAGE

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages (12)

3:45 pm	Isaac Goodman	Chronic pain
2 days ago	Isaac Goodman	Problem sleep...
Apr 21	Front Desk	Persist cough
March 27	Michael Robinson	Del Damar

...plus 8 more messages. View All »

Chat

Patients | Search name

Text | Voice | Video | View History

Team Profile

Team: 1 | Role | Search

1	MD	A	Gregory Berg
1	MD	A	Neil Greenfield
1	MD	A	Michael McKinley
1	RN	U	Angela Tritle
1	RN	A	Amanda Renshaw
1	LPN	U	Nina Totenberg
1	LPN	A	Mark Rowell
1	LPN	A	Robert Massie
1	LPN	A	David Memmott
1	Admin	A	Barb Ferguson
1	Admin	A	Steve Speth
1	Admin	A	Grant Bill

My Patients (8)

Patient Search

Search | Show all patients | Only show patients with notifications

Advanced Search »

dd / mm / year (Date of Birth) | All (Sex) | e.g., Hypertension, laryngitis (Special Health conditions)

There are 8 patients who need your attention. | Only show patients I'm seeing today

Urgency	Last Name	First Name	Sex	DOB	Status
	Goodman	Isaac	Male	01/01/1965	4 immunizations overdue – MMR, Po ...
	Robinson	Michael	Male	04/23/1972	Have kidney disease; check potassium
	Alexander	Edward	Male	10/12/1969	Abnormal weight gain – gained 10 ...
	Lee	Berg	Male	02/24/1958	Need medication renewal for Warfarin
	Chang	Anna W	Female	11/07/1978	Need follow-up for gestational diabetes
	Cloud	John S	Male	05/22/1983	Lab result ready
	Robinson	Lance	Male	07/14/1975	1 immunization due soon – Yellow Fev...
	Wunderlich	Michael	Male	10/17/1987	Need physical exam

Appointments (4) Wed, Oct 12

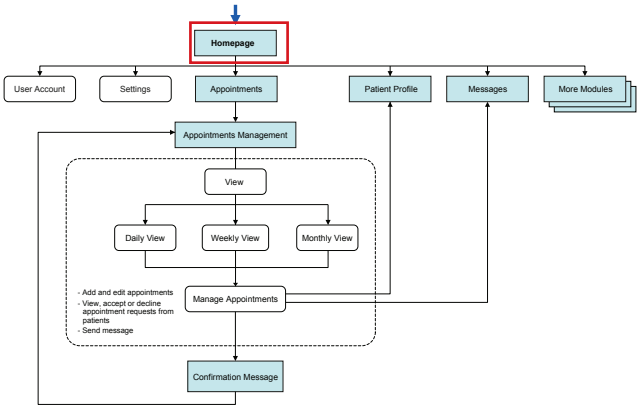
10/12/12 appointment at 1300 with Walter Glover
Physical Examination in Room 304 – Regular check-up
Prerequisite: Diagnostic Studies

0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 »

Gregory Berg, MD
Neil Greenfield, MD
Michael McKinley, MD

Visits | Web Conferences | Telephone Conferences | Others | Pending

In the Provider Portal Home, the *Appointments (Team Doctors)* widget shows a quick overview of team doctors' schedule of the day. The occupied time blocks are color coded based on appointment types. The current time is highlighted in blue.



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APPOINTMENTS: HOMEPAGE

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages (12)

3:45 pm	Isaac Goodman	Chronic pain
2 days ago	Isaac Goodman	Problem sleep...
Apr 21	Front Desk	Persist cough
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...plus 8 more messages. View All »

Chat

Patients | Search name

Text | Voice | Video | View History

Team Profile

Team: 1 | Role | Search

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1	LPN	A	Mark Rowell
1	LPN	A	Robert Massie
1	LPN	A	David Memmott
1	Admin	A	Barb Ferguson
1	Admin	A	Steve Speth
1	Admin	A	Grant Bill

My Patients (8)

Patient Search

Search | Show all patients | Only show patients with notifications

Advanced Search »

dd / mm / year (Date of Birth) | All (Sex) | e.g., Hypertension, laryngitis (Special Health conditions)

There are 8 patients who need your attention. | Only show patients I'm seeing today

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	Lee	Berg	Male	02/24/1958	Need medication renewal for Warfarin
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Appointments (4) Wed, Oct 12

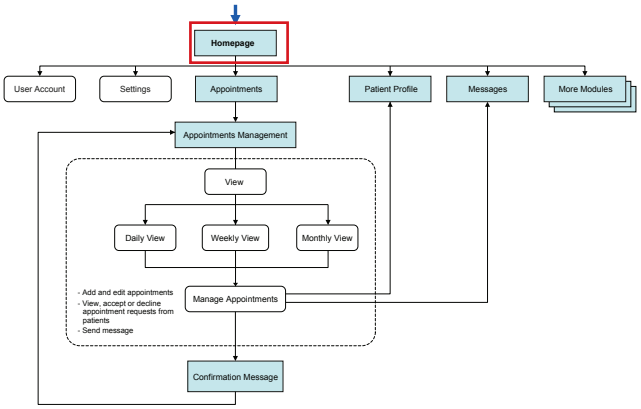
10/12/12 appointment at 1300 with Walter Glover
Physical Examination in Room 304 – Regular check-up
Prerequisite: Diagnostic Studies

0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 »

Gregory Berg, MD
Neil Greenfield, MD
Michael McKinley, MD

Visits | Web Conferences | Telephone Conferences | Others | Pending

If a provider is off duty or on vacation, the provider's entire row will be blocked with a gray bar.



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APPOINTMENTS: HOMEPAGE

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages (12)

3:45 pm	Isaac Goodman	Chronic pain
2 days ago	Isaac Goodman	Problem sleep...
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March 27	Michael Robinson	Del Damar

...plus 8 more messages. View All »

Chat

Patients | Search name

Text | Voice | Video | View History

Team Profile

Team: 1 | Role | Search

1	MD	A	Gregory Berg
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1	MD	A	Michael McKinley
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1	RN	A	Amanda Renshaw
1	LPN	U	Nina Totenberg
1	LPN	A	Mark Rowell
1	LPN	A	Robert Massie
1	LPN	A	David Memmott
1	Admin	A	Barb Ferguson
1	Admin	A	Steve Speth
1	Admin	A	Grant Bill

My Patients (8)

Patient Search

Search | Show all patients | Only show patients with notifications

Advanced Search »

dd / mm / year (Date of Birth) | All (Sex) | e.g., Hypertension, laryngitis (Special Health conditions)

There are 8 patients who need your attention. | Only show patients I'm seeing today

Urgency	Last Name	First Name	Sex	DOB	Status
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Appointments (4) Wed, Oct 12

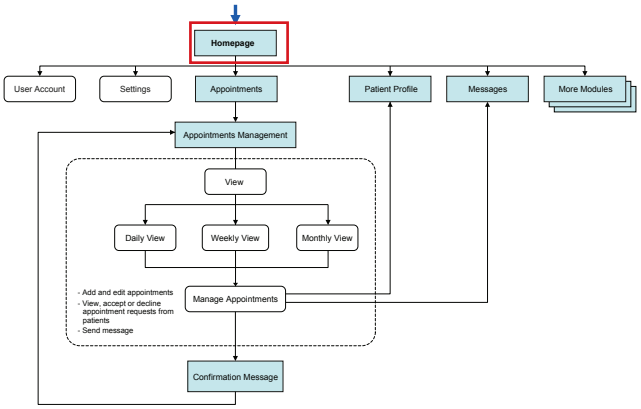
10/12/12 appointment at 1300 with Walter Glover
Physical Examination in Room 304 – Regular check-up
Prerequisite: Diagnostic Studies

0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 »

Gregory Berg, MD
Neil Greenfield, MD
Michael McKinley, MD

Visits | Web Conferences | Telephone Conferences | Others | Pending

The provider can click anywhere on the *Appointments (Team Doctors)* widget to access the module.



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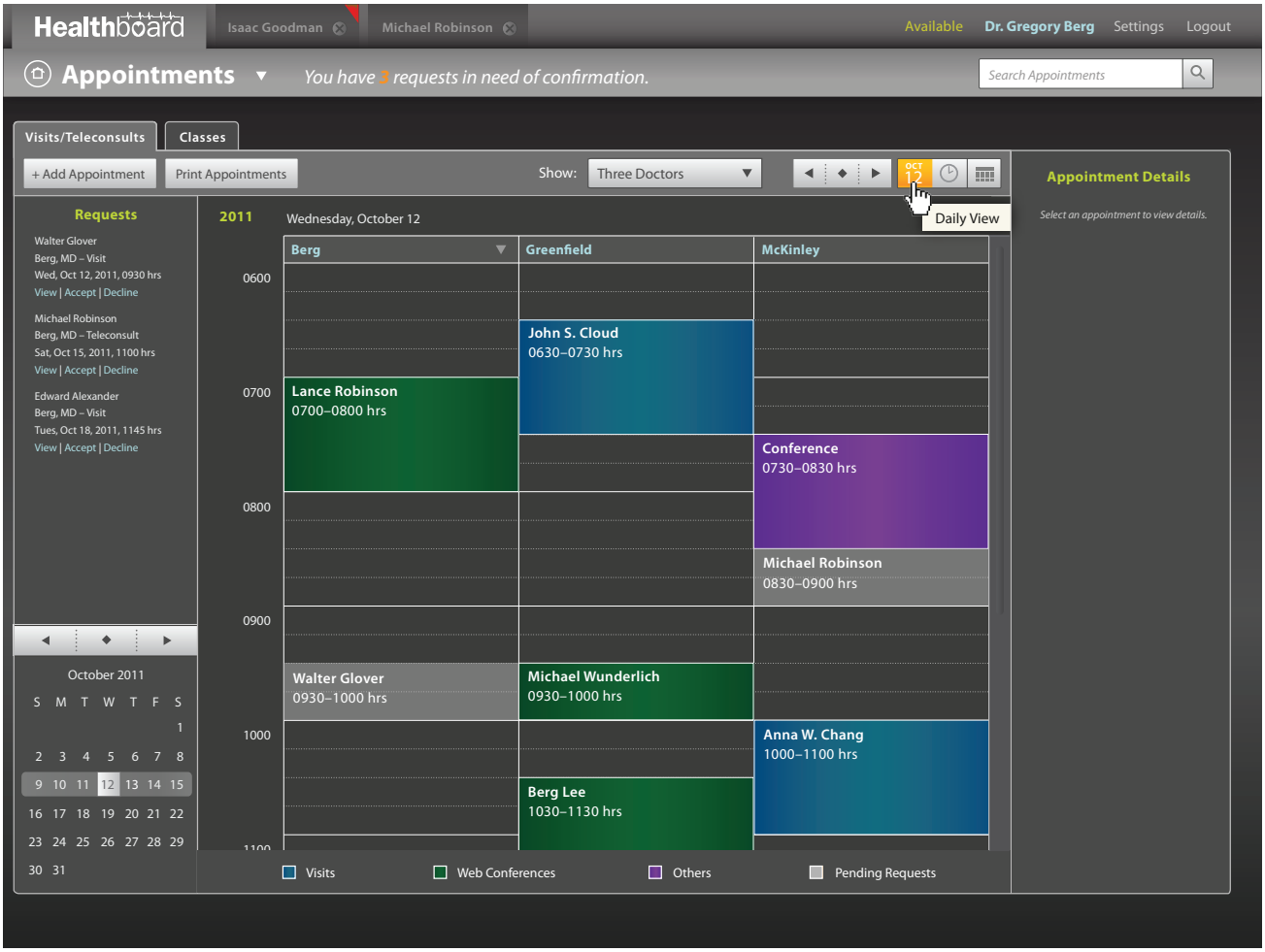
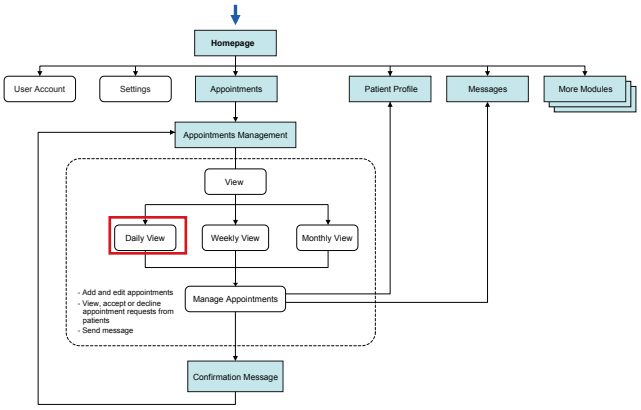
APPOINTMENTS: LANDING PAGE (DEFAULT DAILY VIEW)



This is the landing screen for the *Appointment (Team Doctors)* module. In this module, the user can view and manage appointments, and share his schedule with team doctors.

As with most modules, multiple views are provided. The current screen shows the daily view, the default view when a user first enters the *Appointment (Team Doctors)* module. Alternatively, the user can switch to weekly and monthly view by clicking the view buttons in the action bar.

The leftmost column presents a quicklist of the provider's pending appointment requests from patients. The user can either view, accept, or decline requests. Clicking an element in the quicklist will cause the content area to jump to the appointment date. Through the mini-calendar below the quickest, the user can navigate month-by-month without changing the center content area's display.



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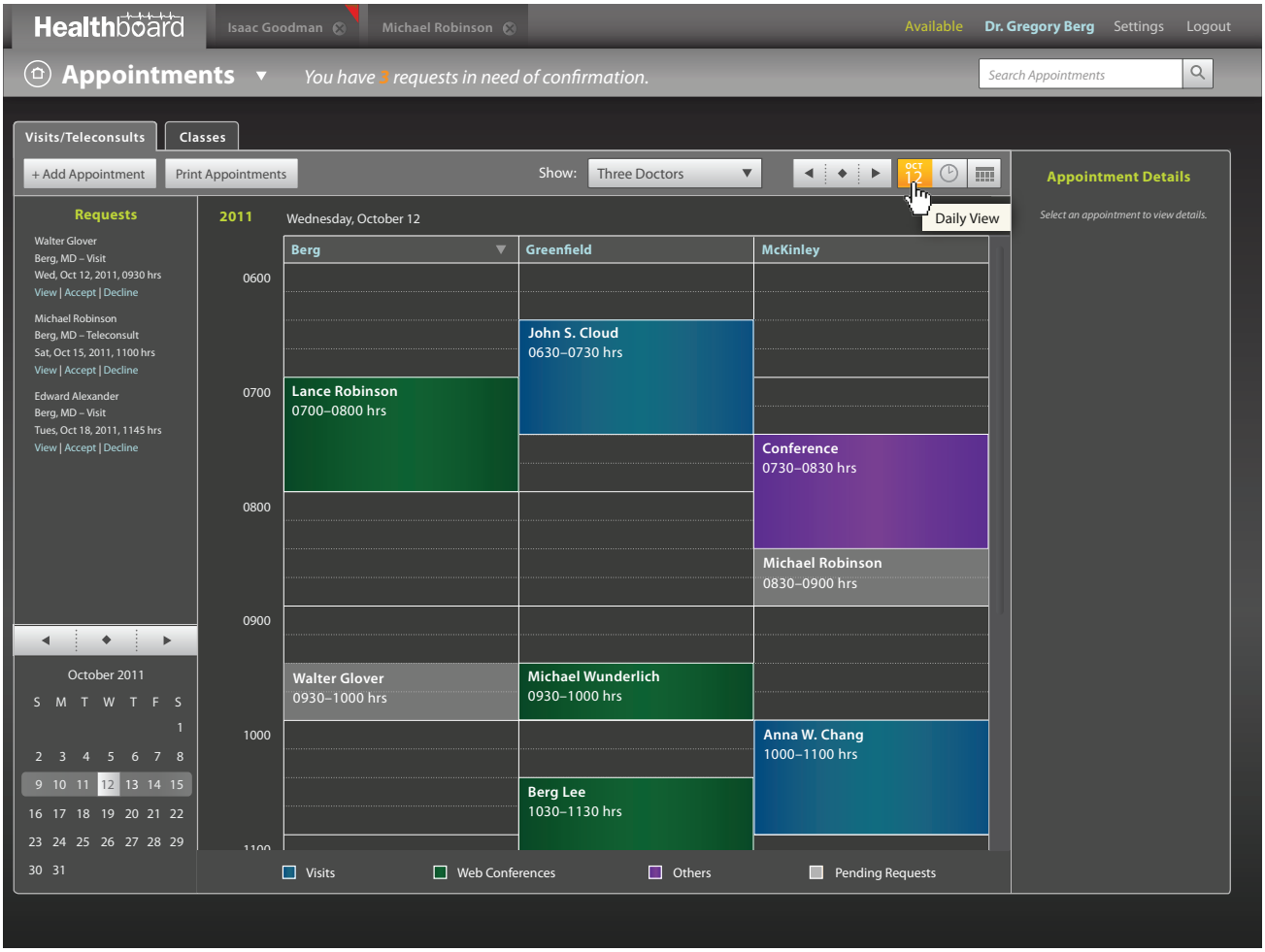
APPOINTMENTS: LANDING PAGE (DEFAULT DAILY VIEW) (CONTINUED)

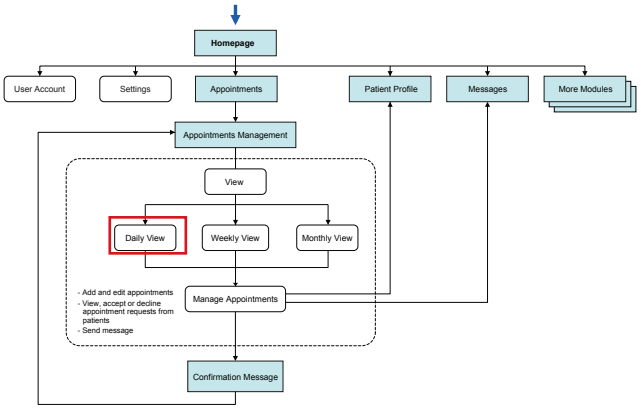


The center content area presents appointments on the day they occur. The user may navigate one month at a time using the controls in the action bar, or jump to a date instantly by clicking a date in the mini-calendar.

The rightmost column provides additional details about the currently selected appointment. The user may also access commands contextual to the selection (e.g., scheduling or canceling an appointment).

From "Show" drop down menu, the user can select team doctors whose schedule to show. In this view, the user has selected three doctors.

The provider can also "Add Appointment" and "Print Appointments."



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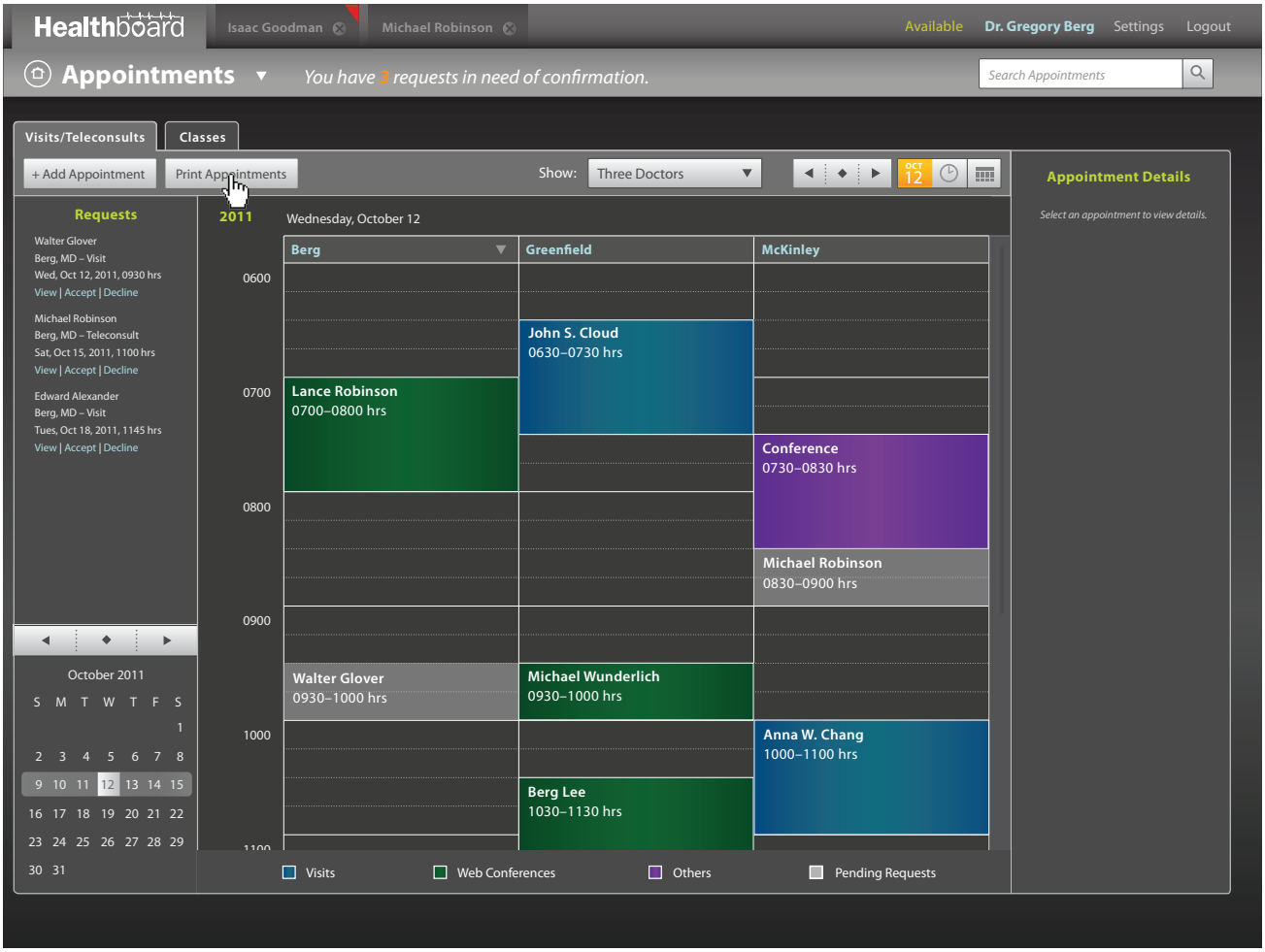
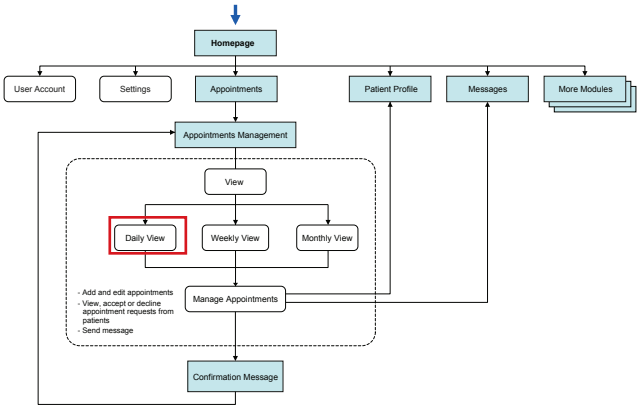
APPOINTMENTS: LANDING PAGE (DEFAULT DAILY VIEW)



The user clicks “Print Appointments” button.



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FOR INFORMATION MAPPING

APPOINTMENTS: PRINT FORM

Healthboard

Appointments

Provider Name: Isaac Goodman
Today's Date: October 12, 2011

APPOINTMENTS ON OCTOBER 12, 2011

1. GREGORY BERG, MD

08:00 - 09:00 Team Meeting

10:00 - 11:00 Physical Examination
Patient: Walter Glover

12:00 - 13:00 Physical Examination
Patient: Michael Robinson

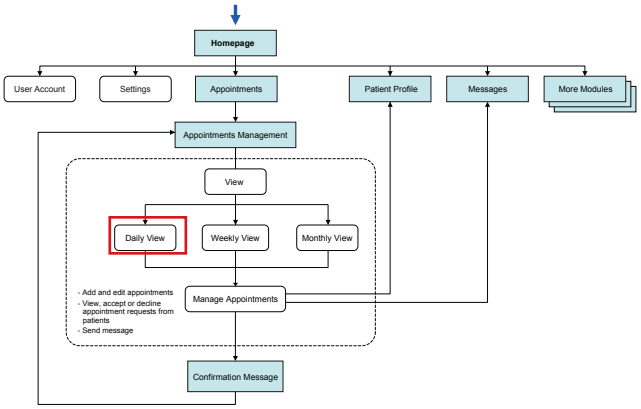
13:15 - 13:45 Web Conference
Patient: Edward Alexander

14:30 - 15:00 Immunization
Patient: Walter Glover

15:00 - 16:00 Medical Workshop

16:15 - 17:15 Physical Examination

When the user clicks "Print Appointments" button, the systems generates a printable version of team doctors' schedule. As default, the content of the printable version mirrors what is displayed in the screen, such as selected doctors and time range. In this case, the PDF will have the three doctors' schedules of October 12.



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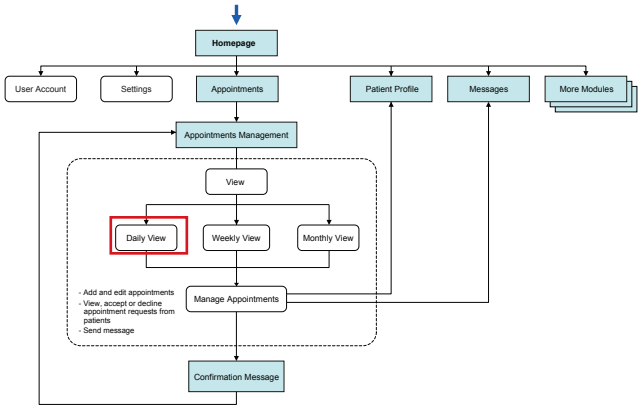
APPOINTMENTS: DAILY VIEW

The provider can click on a scheduled appointment in a calendar.



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APPOINTMENTS: DAILY VIEW

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Appointments ▾ *You have 3 requests in need of confirmation.* Search Appointments

Visits/Teleconsults | Classes

+ Add Appointment | Print Appointments | Show: Three Doctors | OCT 12

Requests

Walter Glover
Berg, MD – Visit
Wed, Oct 12, 2011, 0930 hrs
View | Accept | Decline

Michael Robinson
Berg, MD – Teleconsult
Sat, Oct 15, 2011, 1100 hrs
View | Accept | Decline

Edward Alexander
Berg, MD – Visit
Tues, Oct 18, 2011, 1145 hrs
View | Accept | Decline

October 2011

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

2011 Wednesday, October 12

	Berg	Greenfield	McKinley
0600			
		John S. Cloud 0630–0730 hrs	
0700	Lance Robinson 0700–0800 hrs		
			Conference 0730–0830 hrs
0800			
			Michael Robinson 0830–0900 hrs
0900			
	Walter Glover 0930–1000 hrs	Michael Wunderlich 0930–1000 hrs	
1000			Anna W. Chang 1000–1100 hrs
		Berg Lee 1030–1130 hrs	

Visits | Web Conferences | Others | Pending Requests

Appointment Details

Gregory Berg, MD

From Oct 12, 2011, 0930 hrs
To Oct 12, 2011, 1000 hrs
Location The New York Clinic, 99 Main St., New York, NY 11111

Patient Walter Glover
Telephone (212) 111-2222
Email gloverw@hotmail.com

Type Visits » Physical Examination
Reason Been over a year, I should get checked.

Prerequisite Diagnostic Studies

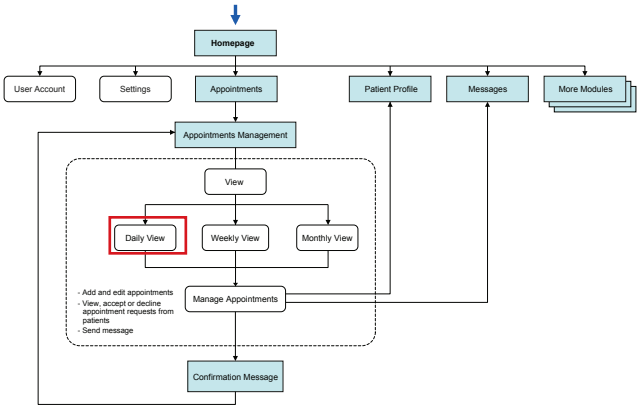
Send Message

Accept Request

Decline Request

When the user clicks "View" link, appointment detail appears in the right-hand column. The user can view time, location, name and contact information of the patient, appointment type, and if any, prerequisite for the appointment. The patient can schedule an appointment based on the type of the appointment. The type will be determined by the provider team (e.g., hospital administrators) and each type has a specific duration. The reasonprovided is optionally filled out by the patient.

The provider can accept or decline request by clicking one of the links. The provider can also send a message to the patient.



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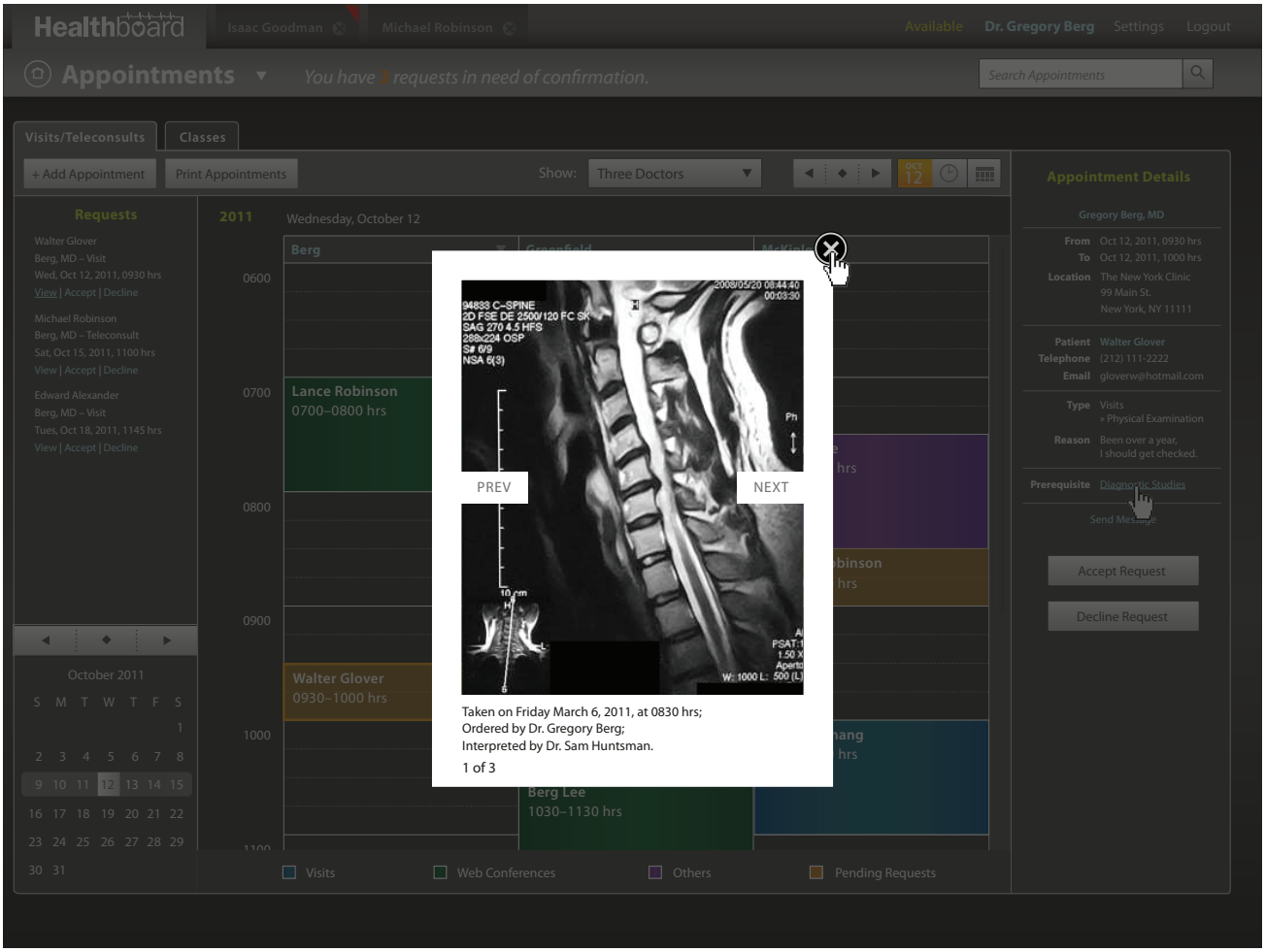
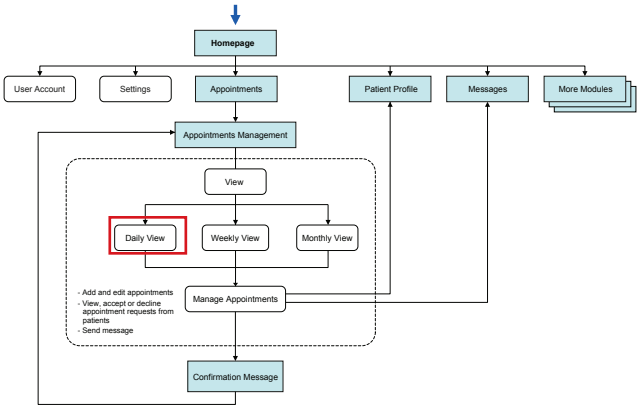
APPOINTMENTS: DOCUMENT PREVIEW



The provider can see prerequisite documents such as lab results or diagnostic studies images. In this screen the user opens x-ray images.



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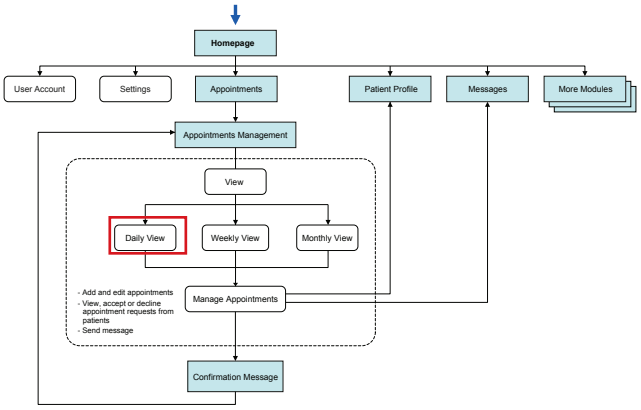
APPOINTMENTS: ACCEPTING REQUESTS

The user can either click "Accept" link in the left-hand column or the "Accept Request" button in the right-hand column. Once clicked, a window appears to confirm the action.



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APPOINTMENTS: CONFIRMED APPOINTMENTS

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Appointments ▼ *You have 2 requests in need of confirmation.* Search Appointments

Visits/Teleconsults | Classes

+ Add Appointment | Print Appointments | Show: Three Doctors ▼ | OCT 12

Requests

Walter Glover
Berg, MD – Visit
Wed, Oct 12, 2011, 0930 hrs
Confirmed

Michael Robinson
Berg, MD – Teleconsult
Sat, Oct 15, 2011, 1100 hrs
View | Accept | Decline

Edward Alexander
Berg, MD – Visit
Tues, Oct 18, 2011, 1145 hrs
View | Accept | Decline

October 2011

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
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23	24	25	26	27	28	29
30	31					

2011 Wednesday, October 12

	Berg	Greenfield	McKinley
0600			
		John S. Cloud 0630–0730 hrs	
0700	Lance Robinson 0700–0800 hrs		
			Conference 0730–0830 hrs
0800			
			Michael Robinson 0830–0900 hrs
0900			
	Walter Glover 0930–1000 hrs	Michael Wunderlich 0930–1000 hrs	
1000			Anna W. Chang 1000–1100 hrs
		Berg Lee 1030–1130 hrs	
1100			

Visits | Web Conferences | Others | Pending Requests

Appointment Details

Gregory Berg, MD

From Oct 12, 2011, 0930 hrs
To Oct 12, 2011, 1000 hrs
Location The New York Clinic, 99 Main St., New York, NY 11111

Patient Walter Glover
Telephone (212) 111-2222
Email gloverw@hotmail.com

Type Visits » Physical Examination
Reason Been over a year, I should get checked.

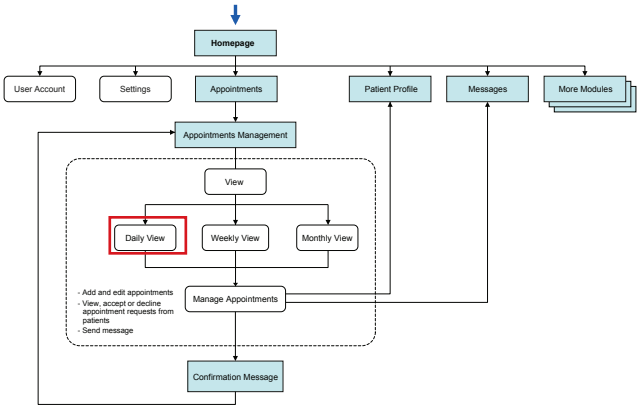
Prerequisite Diagnostic Studies

Send Message

Accept Request

Decline Request

Once the appointment is confirmed, the time block changes from brownish orange to blue.



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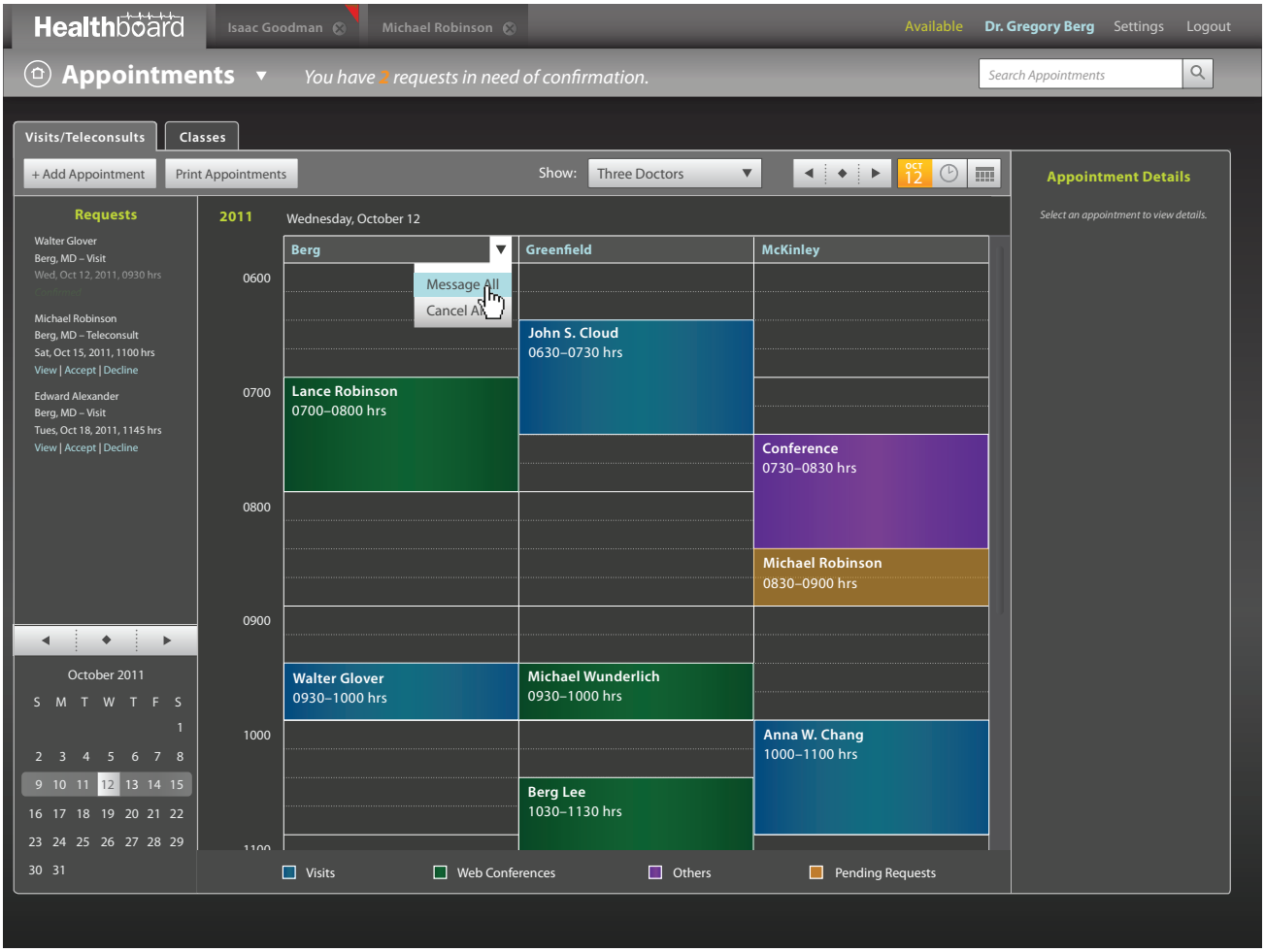
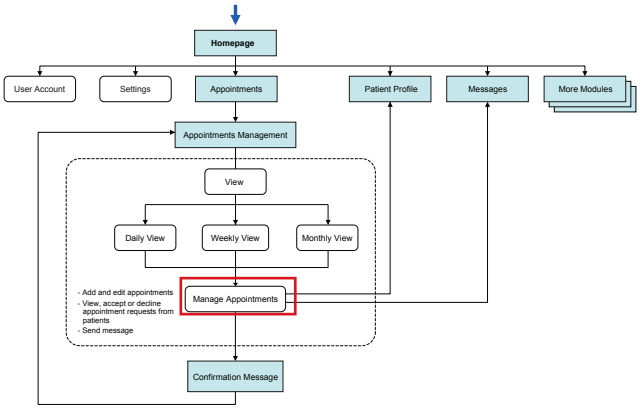
APPOINTMENTS: DROP DOWN OPTIONS



From the drop down menu under the arrow icon, the provider can send a message to all individuals who are scheduled for an appointment, or cancel all appointments at once. The user can only do so for his own appointments, not for his team doctors.



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APPOINTMENTS: MESSAGE ALL

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages ▾ *You have no new messages.* Search Messages

MAILBOXES
- Inbox
- Drafts
- Sent
- Trash

Inbox | New message | +

Send | Save Draft | Cancel

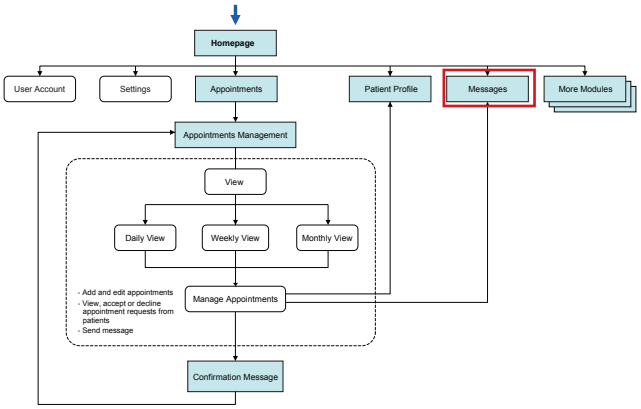
Subject: Message from Dr. Gregory Berg

To: Appointments for Oct. 12, 2011 (Wednesday)

All appointments for Wednesday, October 12, 2011 will be delayed by 15–20 minutes. I apologize for the inconvenience and thank you for your patience.

Add attachment | Very urgent | Send | Save | Cancel

When the provider selects "Message All," it will take the user to the *Messages* module, with a new message tab open. Subject and recipients of the message is pre-filled.



PIIM
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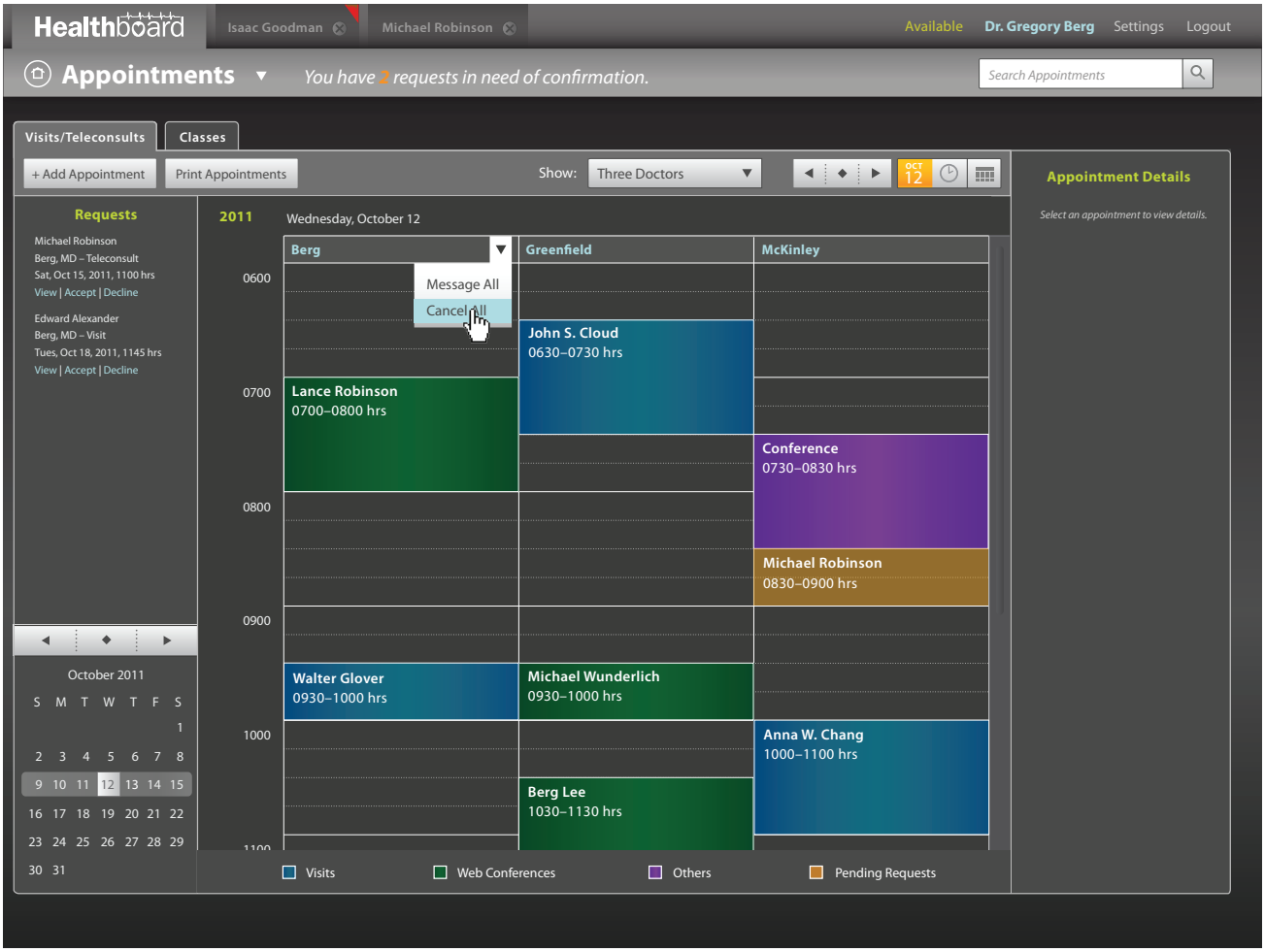
APPOINTMENTS: DROP DOWN OPTIONS



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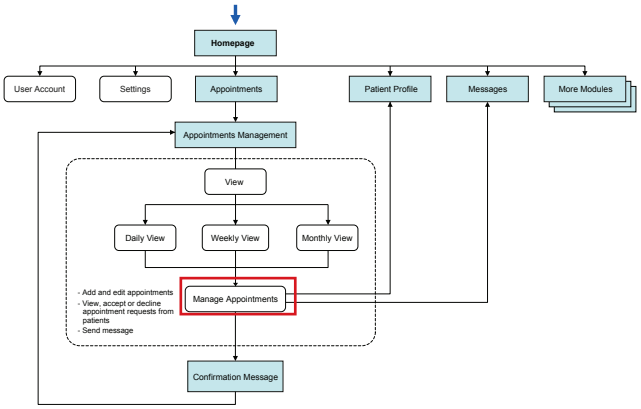

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APPOINTMENTS: CANCEL ALL

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages ▾ *You have no new messages.* Search Messages

MAILBOXES
- Inbox
- Drafts
- Sent
- Trash

Inbox | New message | +

Send | Save Draft | Cancel

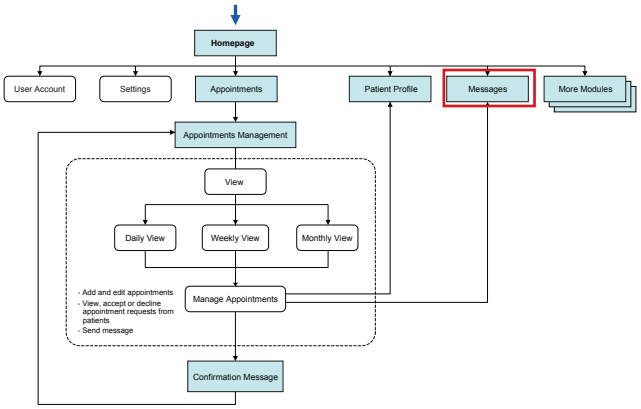
Subject:
Appointments Canceled for Dr. Gregory Berg - Wed, Oct. 12, 2011

To:
Appointments for Oct. 12, 2011 (Wednesday)

All appointments for Wednesday, October 12, 2011 will be canceled. In order to reschedule your appointment, please send a request to the appropriate doctor.

Add attachment | Very urgent | Send | Save | Cancel

When the provider selects "Cancel All," it will take the user to the *Messages* module, with a "New message" tab open. Subject and recipients of the message is pre-filled (e.g., Appointments Canceled for Dr. Gregory Berg - Wed, Oct. 12, 2011).



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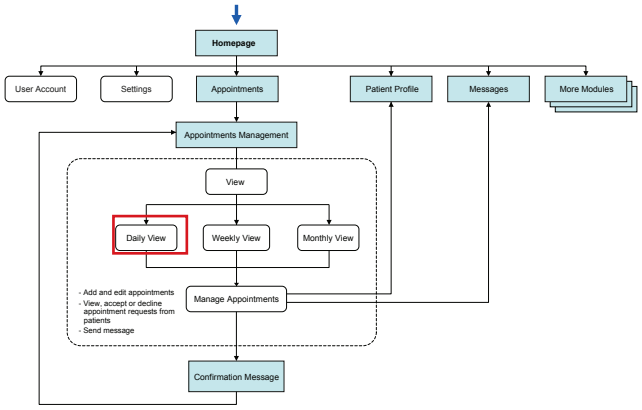
APPOINTMENTS: QUICKLIST

The user can hover over a doctor's name to see a quicklist of his appointments. The quickest appears in the right-hand column.



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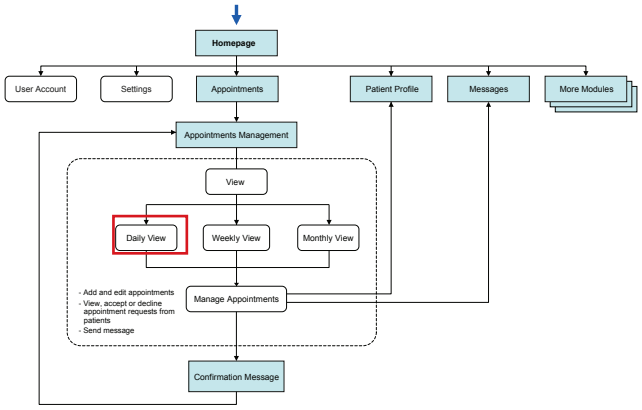
APPOINTMENTS: VIEW DOCTORS OPTION

The user can select doctors whose schedule to display from a drop down menu in the action bar. The number of columns changes accordingly. In this screen, only two doctors are checked.



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FOR INFORMATION MAPPING

APPOINTMENTS: WEEKLY VIEW

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Appointments ▾ *You have 4 requests in need of confirmation.* Search Appointments

Visits/Teleconsults | Classes

+ Add Appointment | Print Appointments | Show: All Doctors ▾

- Select All Doctors
- Gregory Berg, MD
- Neil Greenfield, MD
- Michael McKinley, MD
- Kelly Gainsbourg, MD
- David Brownsville, MD

OCT 12

Requests

Michael Robinson
Berg, MD – Teleconsult
Sat, Oct 15, 2011, 1100 hrs
View | Accept | Decline

Edward Alexander
Berg, MD – Visit
Tues, Oct 18, 2011, 1145 hrs
View | Accept | Decline

October 2011

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

2011 Wednesday, October 12

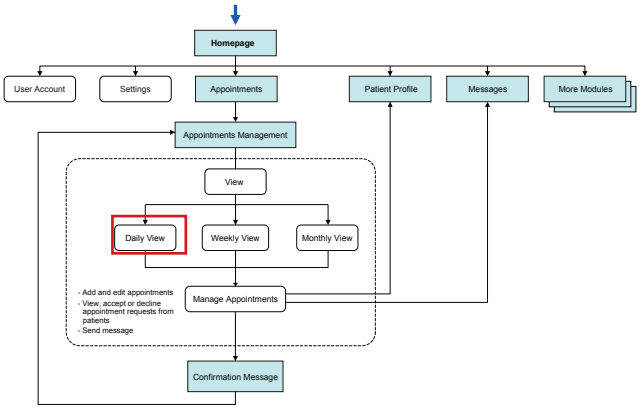
	Berg	Greenfield	Brownsville
0600		John S. Cloud 0630–0730 hrs	
0700	Lance Robinson 0700–0800 hrs		
		Conference 0730–0830 hrs	
0800		Michael Robinson 0830–0900 hrs	
0900	Walter Glover 0930–1000 hrs	Michael Wunderlich 0930–1000 hrs	
1000		Anna W. Chang 1000–1100 hrs	
		Berg Lee 1030–1130 hrs	

Visits | Web Conferences | Others | Pending Requests

Appointment Details

Select an appointment to view details.

The user can simply check "Select All Doctors" to view everyone's schedule. The maximum number of doctors/columns is 5.



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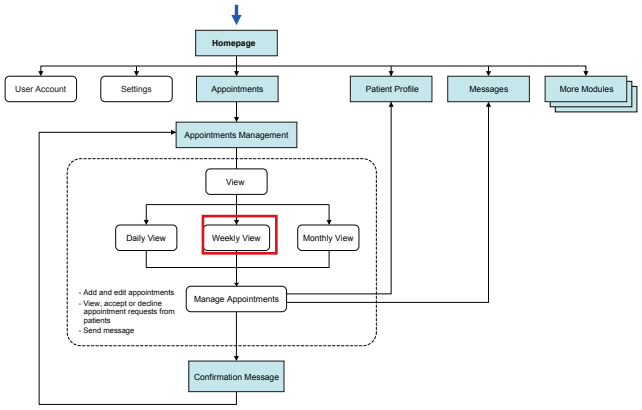
APPOINTMENTS: WEEKLY VIEW

The user switches from daily view to weekly view by clicking the icon in the action menu bar.



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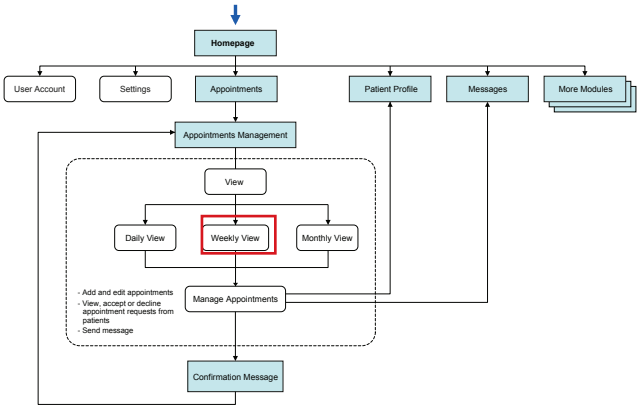
APPOINTMENTS: WEEKLY VIEW

The user clicks a time block in the calendar. Detail information of the appointment appears in the right-hand column. Since the appointment is made with the user's team doctor, the user cannot edit or cancel the appointment. In addition, the link to send a message to the patient is disabled.



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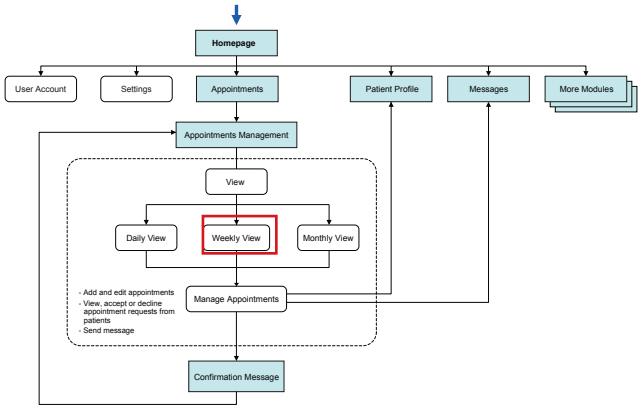
APPOINTMENTS: WEEKLY VIEW

The user clicks one of his pending appointments in the calendar. Detailed information of the appointment appears in the right-hand column. The provider can either accept or decline this appointment request, and/or send a message to the patient.



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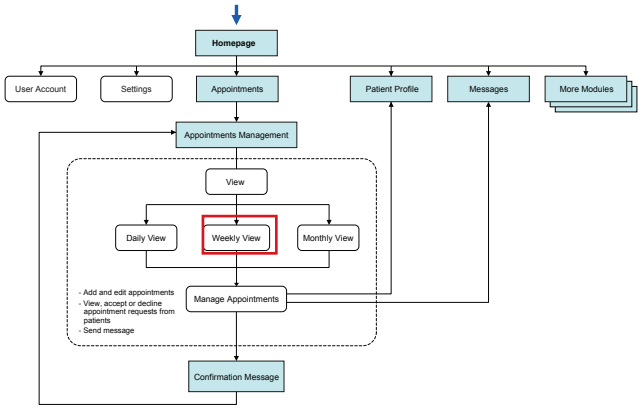
APPOINTMENTS: ADD APPOINTMENT

The provider can add an appointment by clicking "+ Add Appointment" button in the top action menu bar. A pop up window appears offering the user to enter the appointment's attributes, such as patient's name, time, reoccurrence, type of appointment, and reason.



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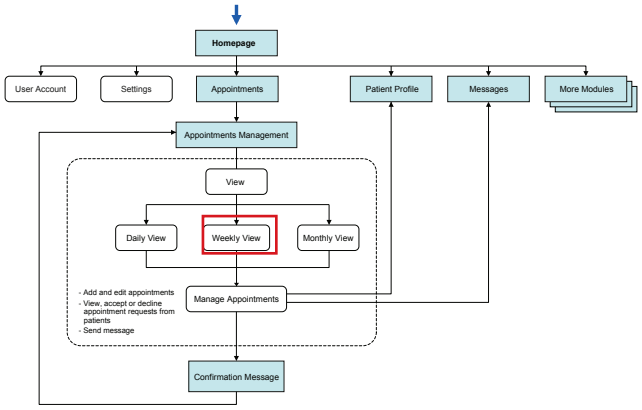
APPOINTMENTS: ADD APPOINTMENT (CONTINUED)

The user can also click a time block in the calendar to open the pop up window. In this case, time is pre-filled.



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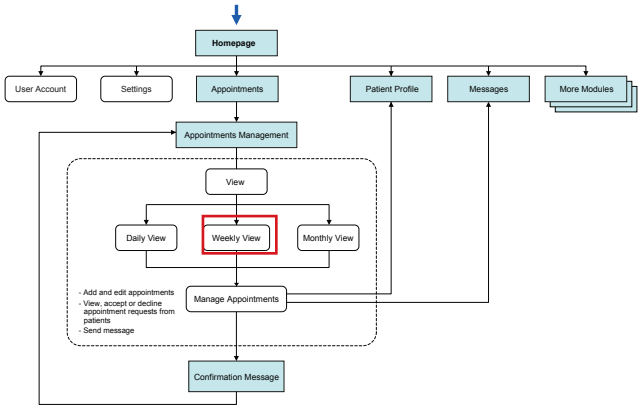
APPOINTMENTS: ADD APPOINTMENT (CONTINUED)

The system assists the user with listing relevant names while the user is typing a patient's name. In this case, the user is typing "Joseph L," then all relevant names such as "Joseph Leonard" and "Joseph Lurio" appear under suggestions. Date of birth (DOB) is also listed so that the provider can identify the correct patient in case there are multiple individuals with same name.



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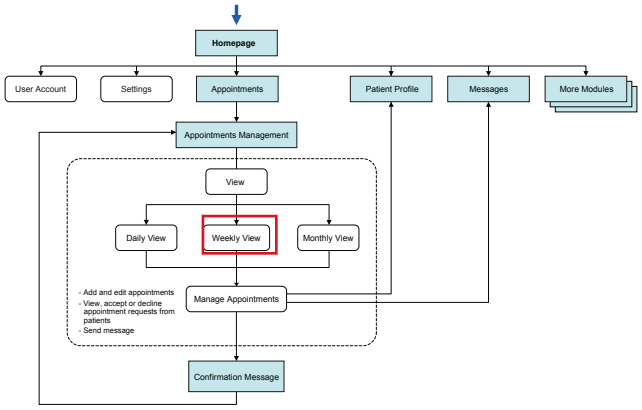
APPOINTMENTS: ADD APPOINTMENT (CONTINUED)

If the type of the appointment is a visit, then the user must select which type of visit, as each choice has a predefined length determined by the system. In this case, the provider selects "Physical Examination" for the visit type. The duration is indicated as 30 minutes.



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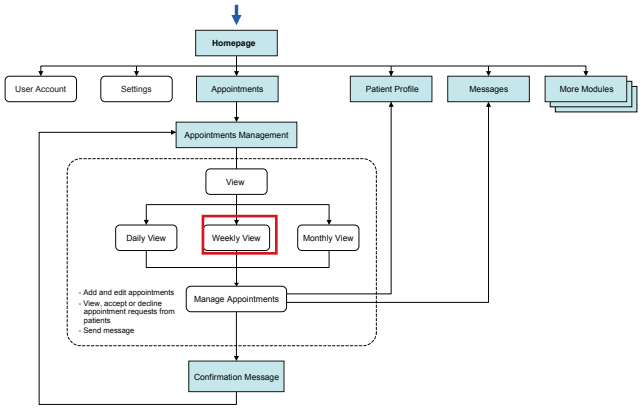
APPOINTMENTS: ADD APPOINTMENT (CONTINUED)

In this screen, "Other" is selected as type of appointment. This appointment ("Medical workshop") will be held at 9 AM to 10 AM weekly on Friday from October 15 to December 17.



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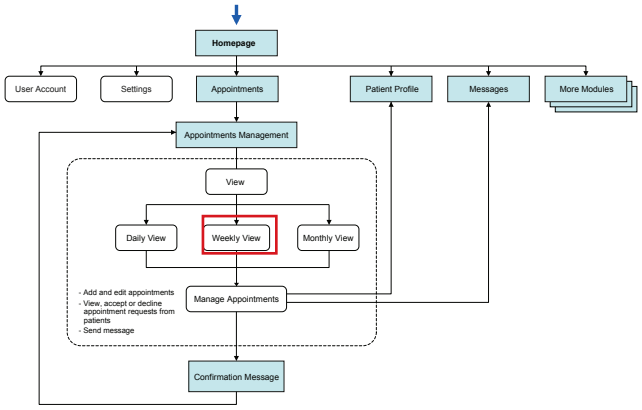
APPOINTMENTS: ADD APPOINTMENT (CONTINUED)

The user clicks “Add Appointment” button.



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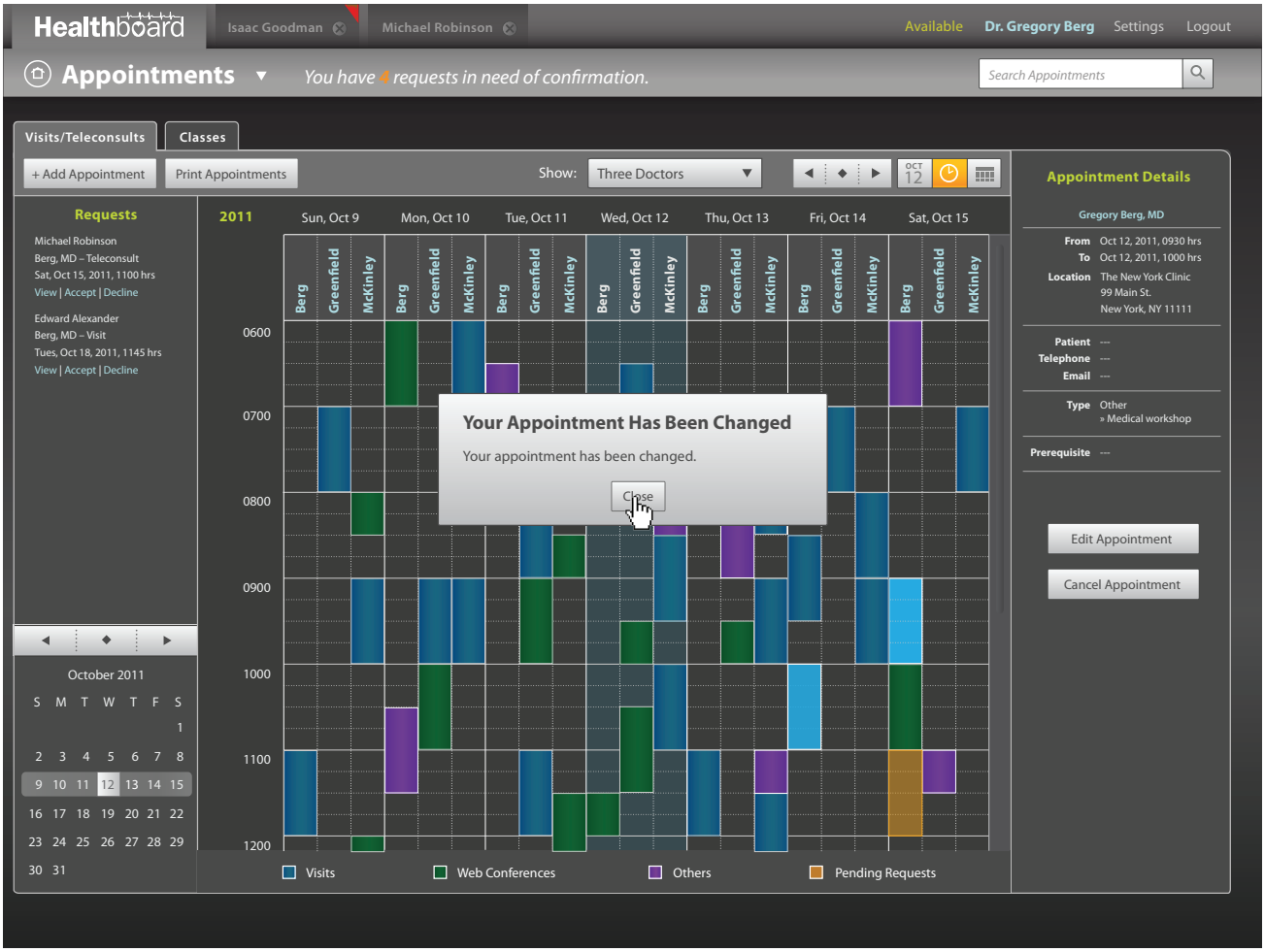
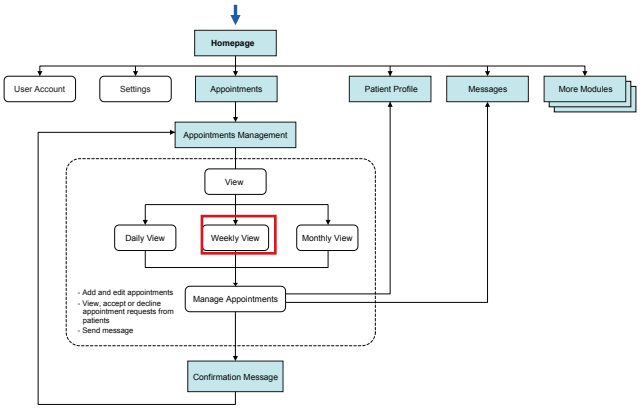
APPOINTMENTS: APPOINTMENT ADDED



The appointment is scheduled. The detail information appears in the right-hand column.



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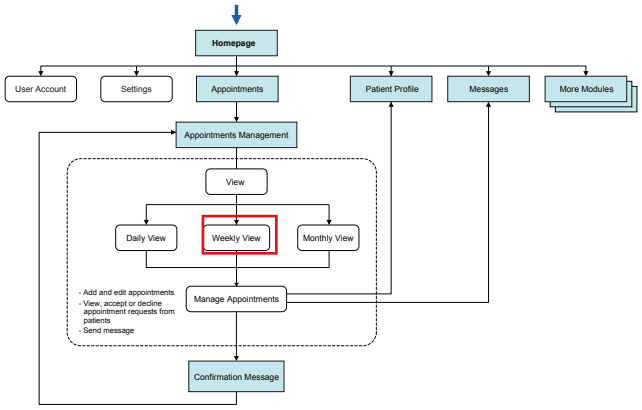
APPOINTMENTS: EDIT APPOINTMENT

The user can change appointment setting. The user clicks "Edit Appointment" button in the right-hand column and a window appears. The user changes the date.



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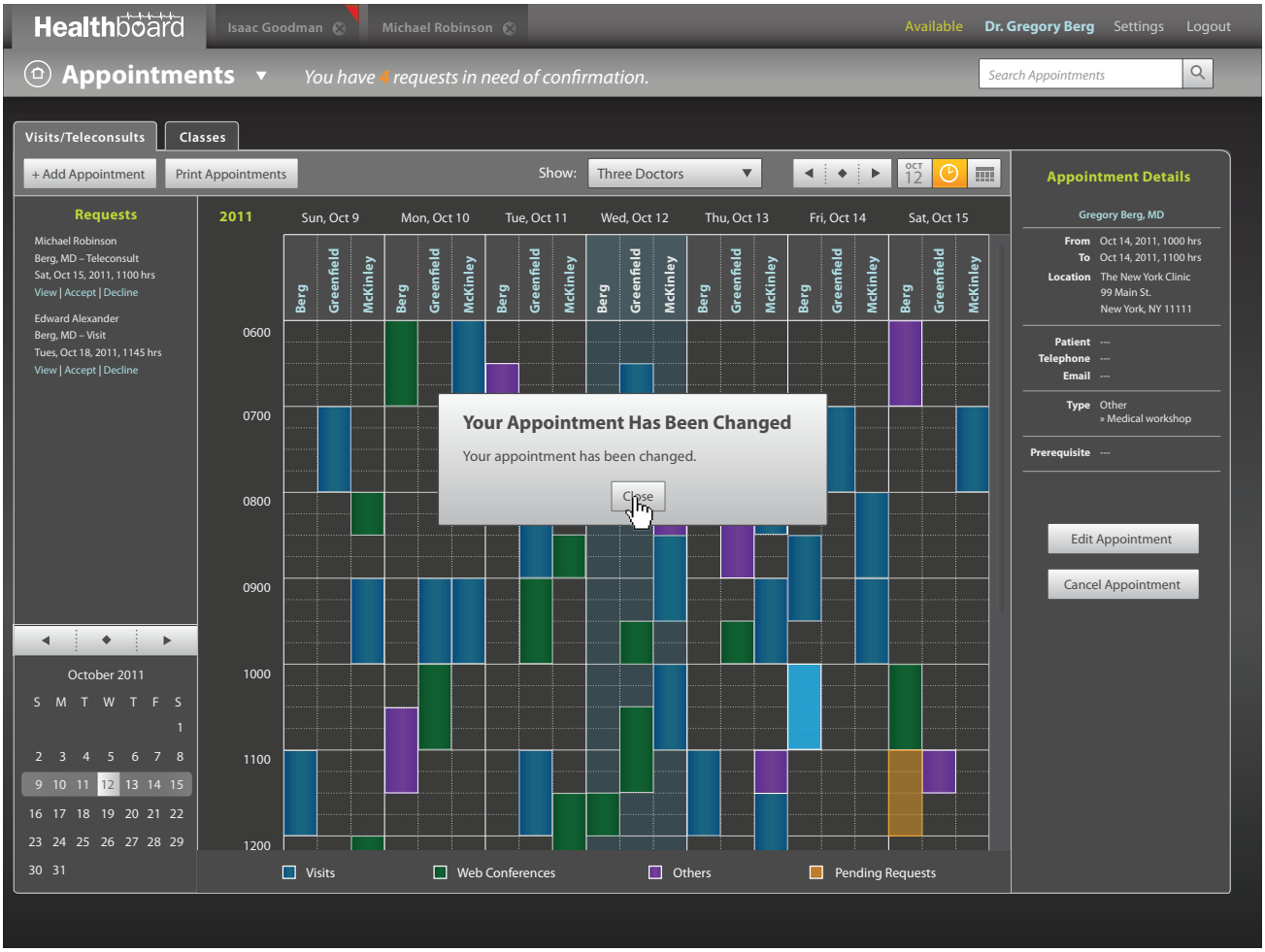
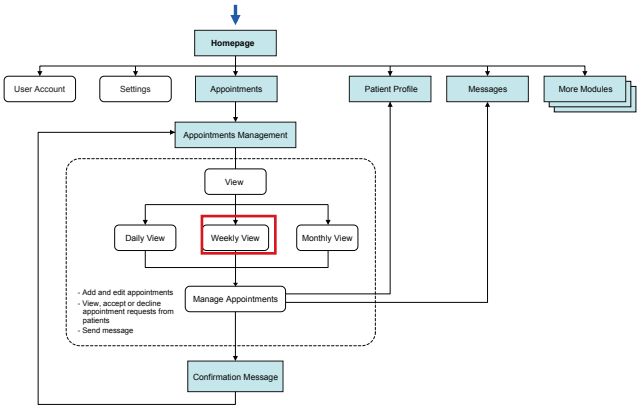
APPOINTMENTS: APPOINTMENT CHANGE CONFIRMATION



The user sees a confirmation message pop up for the updated appointment.



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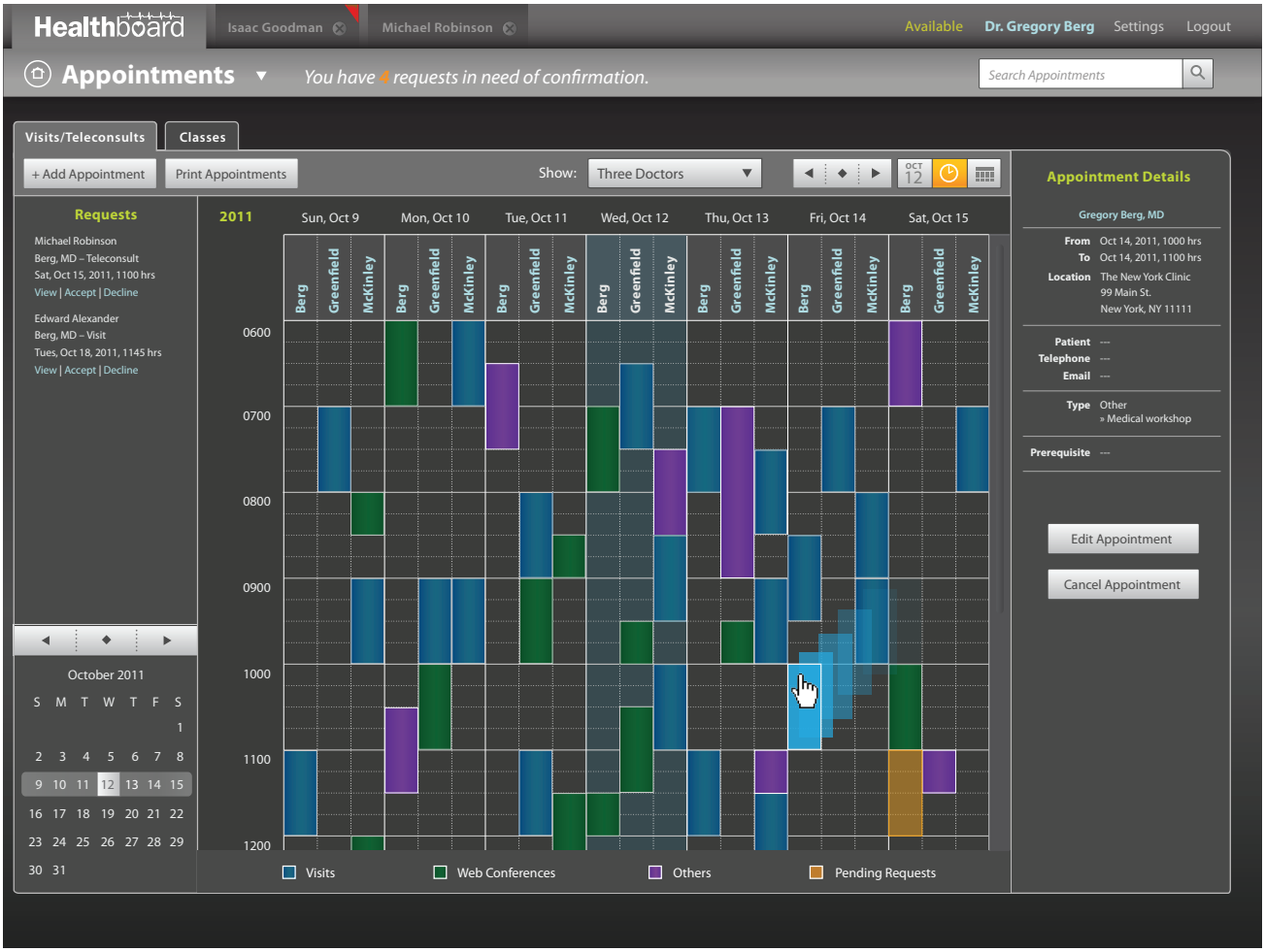
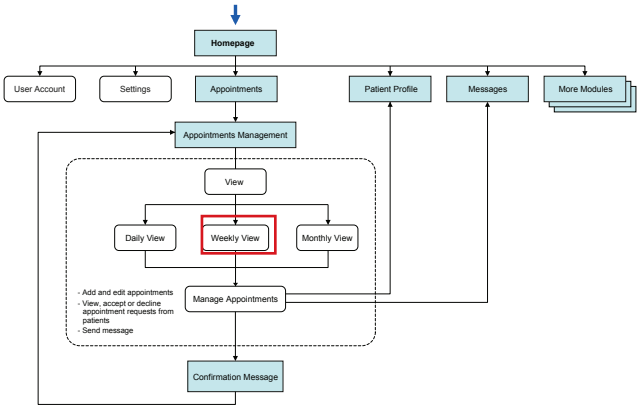
APPOINTMENTS: DRAG AND CHANGE APPOINTMENT



The user can also drag and drop to change appointment.



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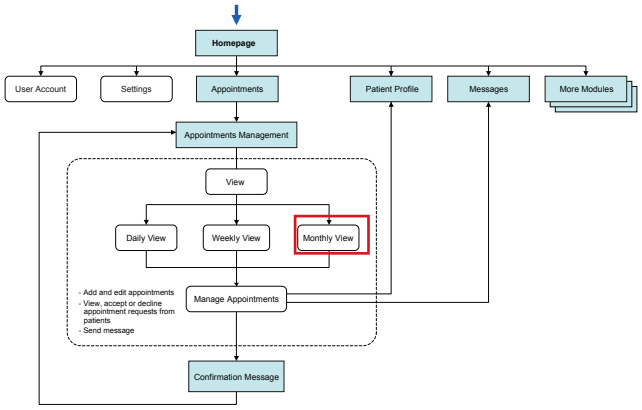
APPOINTMENTS: MONTHLY VIEW

The user clicks monthly view button in the action bar. Monthly view shows a quick overview of how each doctor's working hours are distributed to various appointments.



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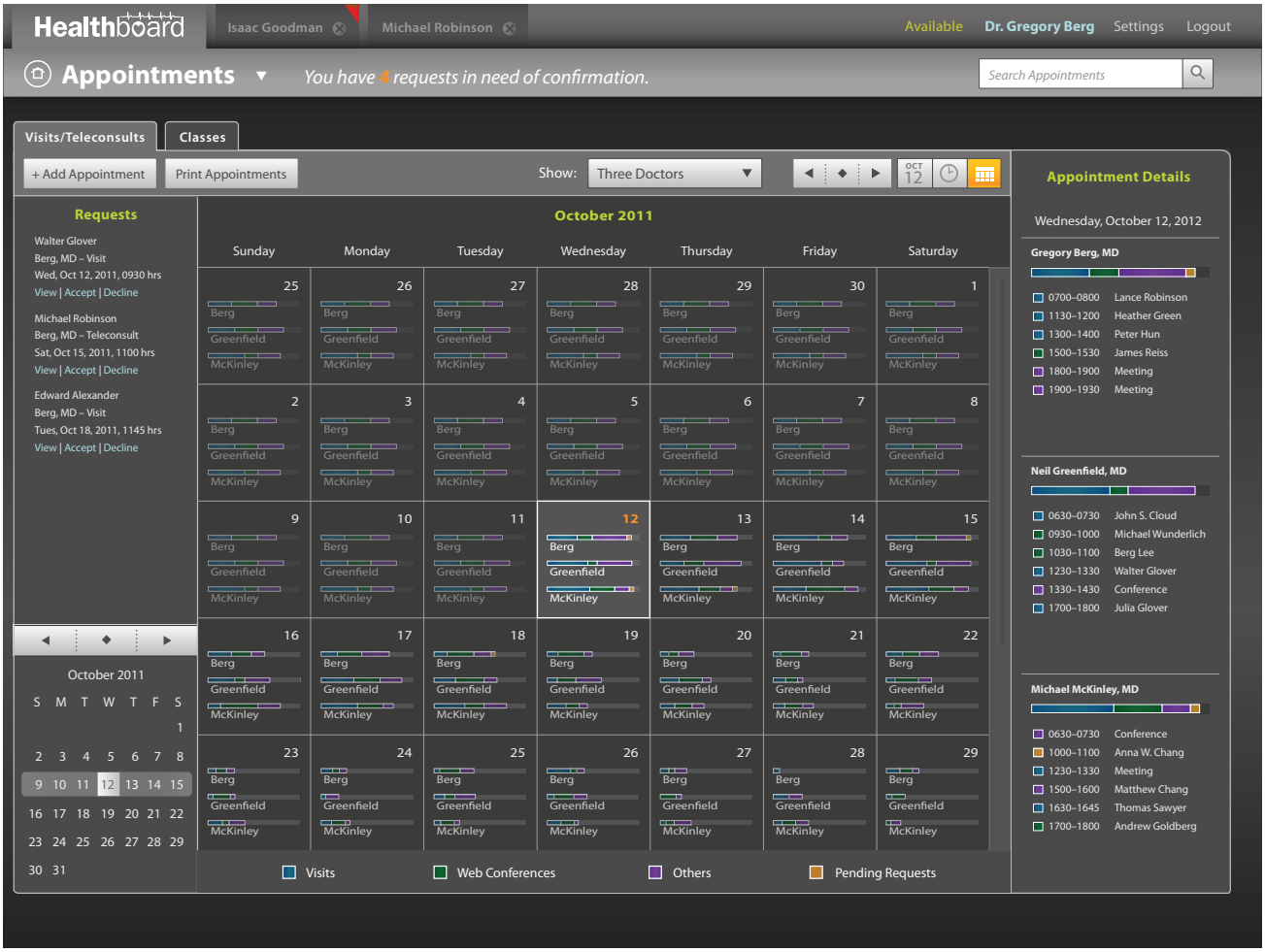
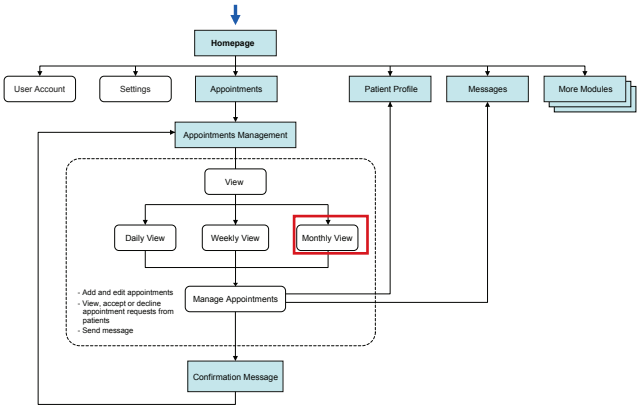
APPOINTMENTS: MONTHLY VIEW (CONTINUED)



The user can click on a day to view a quicklist of team doctors' appointments list in the right-hand column.



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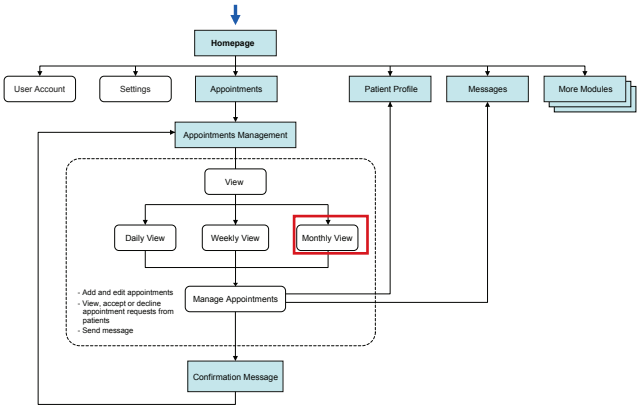
APPOINTMENTS: MONTHLY VIEW (CONTINUED)

In this screen the user hovers over *Visits* (colored in blue) in Dr. Greenfield's bar. The quicklist below is updated and shows only *Visits*.



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APPOINTMENTS: MONTHLY VIEW (CONTINUED)

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Appointments ▾ *You have 4 requests in need of confirmation.* Search Appointments

Visits/Teleconsults | Classes

+ Add Appointment | Print Appointments | Show: Three Doctors | OCT 12

Requests

Walter Glover
Berg, MD – Visit
Wed, Oct 12, 2011, 0930 hrs
View | Accept | Decline

Michael Robinson
Berg, MD – Teleconsult
Sat, Oct 15, 2011, 1100 hrs
View | Accept | Decline

Edward Alexander
Berg, MD – Visit
Tues, Oct 18, 2011, 1145 hrs
View | Accept | Decline

October 2011

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
25	26	27	28	29	30	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

Berg / Greenfield / McKinley

October 2011

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Visits | Web Conferences | Others | Pending Requests

Appointment Details

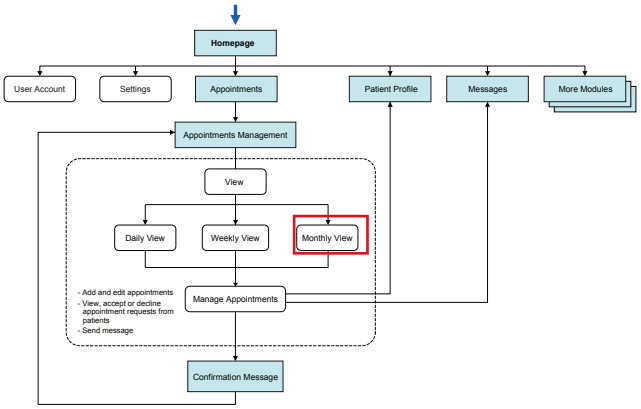
Wednesday, October 12, 2012

Gregory Berg, MD
- 0700–0800 Lance Robinson
- 1130–1200 Heather Green
- 1300–1400 Peter Hun
- 1500–1530 James Reiss
- 1800–1900 Meeting
- 1900–1930 Meeting

Neil Greenfield, MD
- 0630–0730 John S. Cloud
- 0930–1000 Michael Wunderlich
- 1030–1100 Berg Lee
- 1230–1330 Walter Glover
- 1330–1430 Conference
- 1700–1800 Julia Glover

Michael McKinley, MD
- 0630–0730 Conference
- 1000–1100 Anna W. Chang
- 1230–1330 Meeting
- 1500–1600 Matthew Chang
- 1630–1645 Thomas Sawyer
- 1700–1800 Andrew Goldberg

The user clicks on the "View" link in one of the appointment requests.



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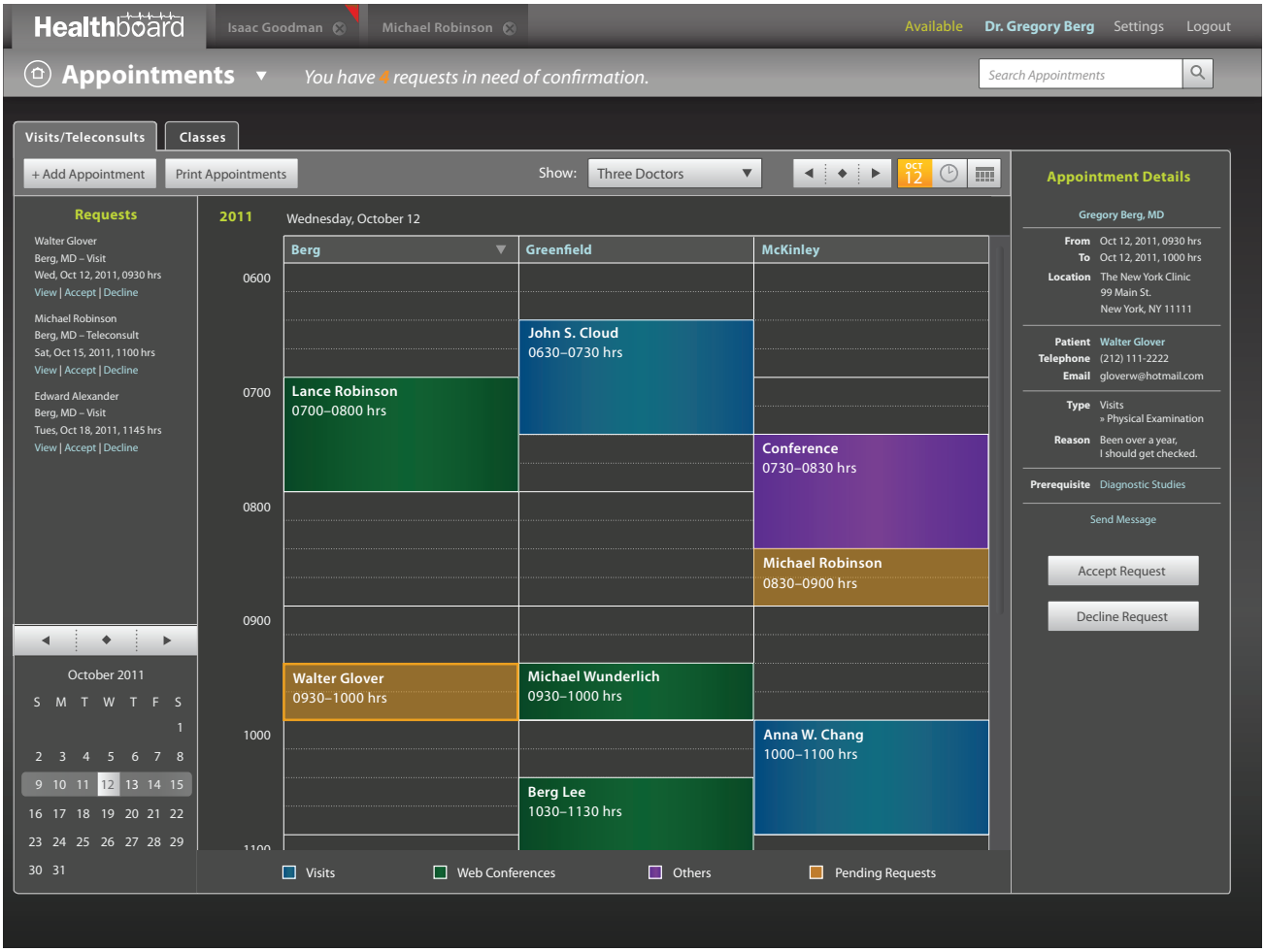
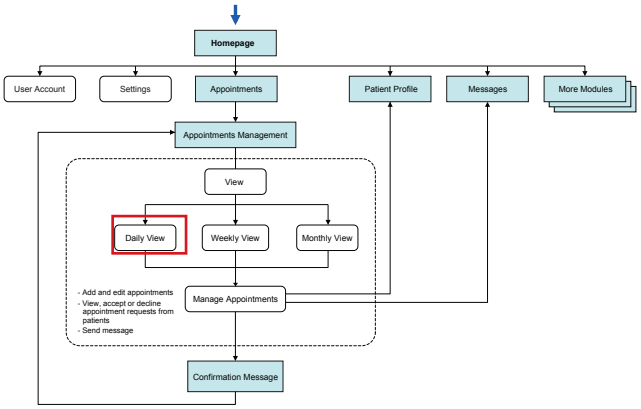
APPOINTMENTS: APPOINTMENT DETAILS (DAILY VIEW)



The screen returns to daily view and displays detail information about the appointment.



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APPOINTMENTS: APPOINTMENT DETAILS (DAILY VIEW)

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Appointments ▼ *You have 4 requests in need of confirmation.* Search Appointments

Visits/Teleconsults | Classes

+ Add Appointment | Print Appointments | Show: Three Doctors ▼ | OCT 12

Requests

Walter Glover
Berg, MD – Visit
Wed, Oct 12, 2011, 0930 hrs
View | Accept | Decline

Michael Robinson
Berg, MD – Teleconsult
Sat, Oct 15, 2011, 1100 hrs
View | Accept | Decline

Edward Alexander
Berg, MD – Visit
Tues, Oct 18, 2011, 1145 hrs
View | Accept | Decline

October 2011

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

2011 Wednesday, October 12

	Berg	Greenfield	McKinley
0600			
		John S. Cloud 0630–0730 hrs	
0700	Lance Robinson 0700–0800 hrs		
			Conference 0730–0830 hrs
0800			
			Michael Robinson 0830–0900 hrs
0900			
	Walter Glover 0930–1000 hrs	Michael Wunderlich 0930–1000 hrs	
1000			Anna W. Chang 1000–1100 hrs
		Berg Lee 1030–1130 hrs	

Visits | Web Conferences | Others | Pending Requests

Appointment Details

Gregory Berg, MD

From Oct 12, 2011, 0930 hrs
To Oct 12, 2011, 1000 hrs
Location The New York Clinic, 99 Main St., New York, NY 11111

Patient Walter Glover
Telephone (212) [illegible]2222
Email glover[illegible]hotmail.com

Type Visits » Physical Examination
Reason Been over a year, I should get checked.

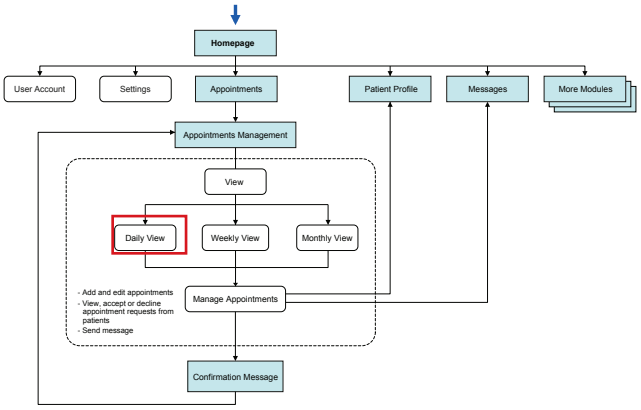
Prerequisite Diagnostic Studies

Send Message

Accept Request

Decline Request

The provider can easily access the patient's profile by clicking the patient's name in "Appointment Details."



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APPOINTMENTS: PATIENT TAB

Healthboard | Isaac Goodman | Michael Robinson | Walter Glover | Available | Dr. Gregory Berg | Settings | Logout

Walter Glover

Patient Profile

Walter Glover

Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1978 (34 Years)
Sex: Male
Rank/OS: SCPO, Navy

Address
Contact
Emergency Contact

Patient's Recent Activities

3:45 pm	Message	Chronic pain
Yesterday	Vital Signs	Updated glucose...
Yesterday	Nutrition	Recorded a meal...
Oct 28	Medications	Requested renewal...
Oct 27	Exercise	Updated personal...

...plus 6 more activities. View All »

Vital Signs

Glucose Level (Last: Oct 19, 2011) 110 mg/dL

Blood Pressure (Last: Oct 19, 2011) 138/90 mmHg

Health Focus (15)

Urgency	Time	Type	Alert	Description
●	7:43 PM	Medications	Renewal Request	Lisinopril (Prinivil/Zestril)
●	7:40 PM	Medications	Renewal Request	Coumadin®
●	2 days ago	Medications	Overdose	Acetaminophen (Tylenol ® PM)
●	June 1	Immunizations	Immunization overdue	Polio
●	June 1	Immunizations	Immunization overdue	Tetanus

Medications

- Lisinopril (Prinivil/Zestril) PO 40mg Tab
- HCTZ (Esidrex/Oretic) PO 25mg Tab
  - Oct 12: Your renewal request was approved.
- Warfarin (Coumadin®) PO 5mg Tab
- Acetaminophen (Tylenol® PM)
- Ferrous Sulfate PO 325mg Tab
- Lipodrene
- Jiang Ya Pian

Sun Mon Tue Wed Thr Fri Sat

Nutrition Wed, Oct 12

Grains, Fruits, Dairy, Vegetables, Protein

Sodium, Sugars, Fats & Oils

1,532 Calories Consumed
-0 Calories Burned

Exercise

Most Recent PRT (Last: Mar 11, 2011)

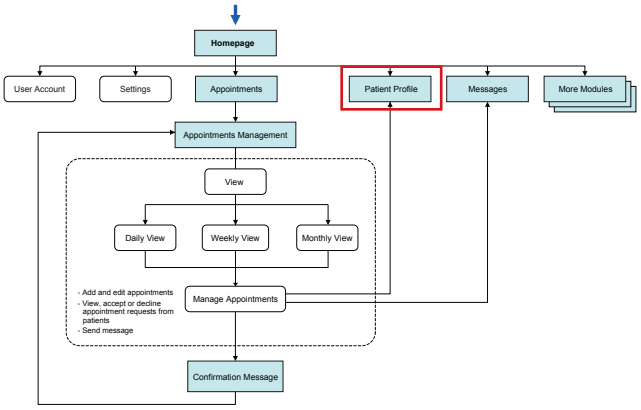
Overall PRT Score 61 points Good

PATIENT <30 45 60 75 90

61 points Good

60 points

The patient's tab opens.



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Decision Support

INTRODUCTION This section of the Detailed GUI Volume documents the design of the Provider Portal's *Decision Support* module for the Visual Dashboard for a Patient Centered Medical Home (PCMH). The documentation includes both workflow diagrams and visual models: the workflow diagrams detail the user experience and interactions within this module, and the visual models present graphic assets and elements within this module.

The following are high-level objectives for *Decision Support:*

- To support providers with useful references associated with the patient's health conditions, occupational conditions, deployment plans, etc.
- To allow providers to gain access to relevant statistics, case studies, information maps, human resources such as subject matter experts.

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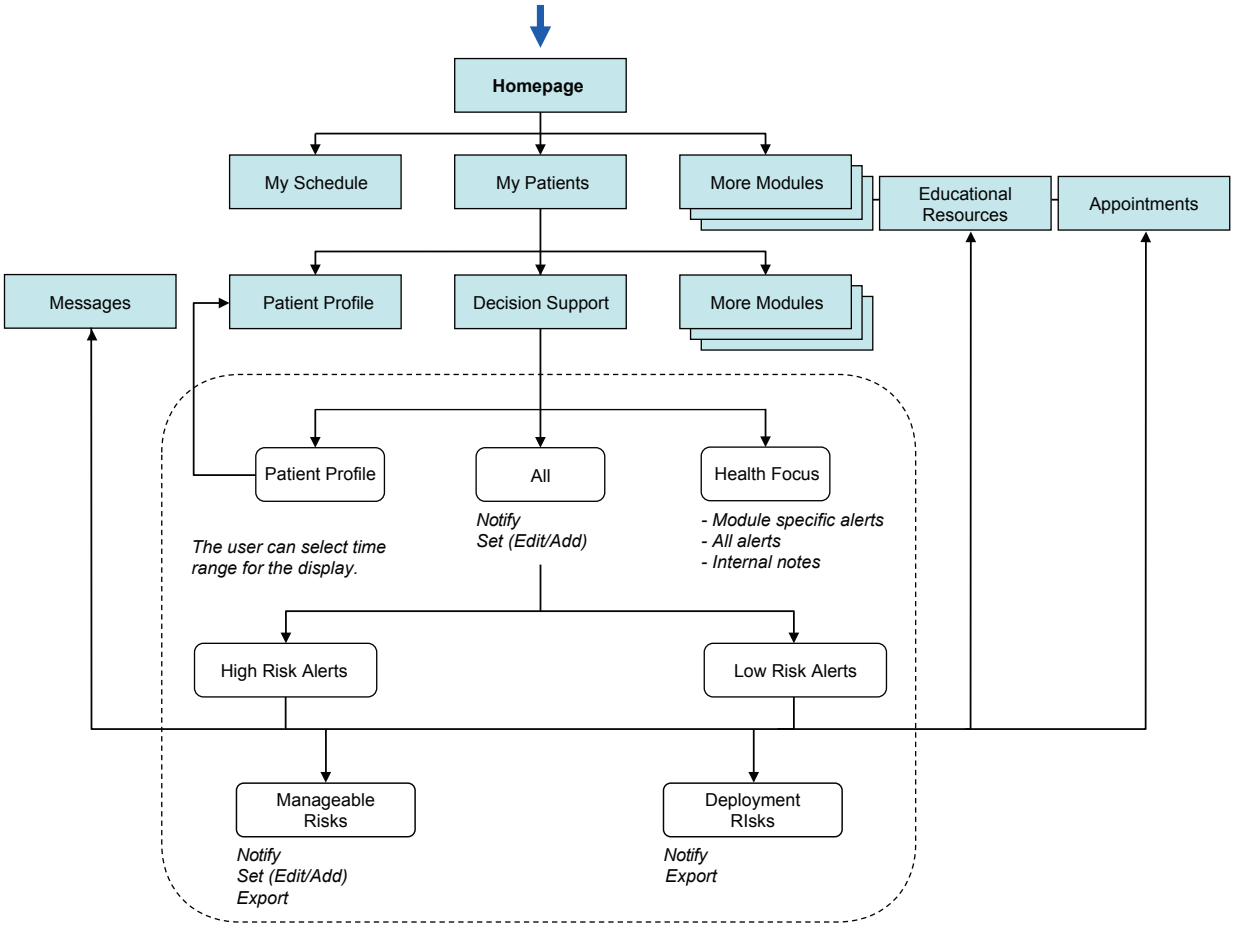
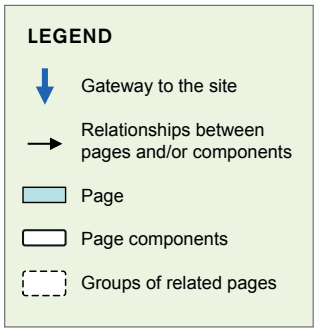
FLOWCHART FOR DECISION SUPPORT MODULE





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DECISION SUPPORT: PATIENT TAB

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman

Patient Profile

Isaac Goodman

Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Address
Contact
Emergency Contact

Health Focus (15)

Urgency	Time	Type	Alert	Description
●	7:43 PM	Medications	Renewal Request	Lisinopril (Prinivil/Zestril)
●	7:40 PM	Medications	Renewal Request	Coumadin®
●	2 days ago	Medications	Overdose	Acetaminophen (Tylenol ® PM)
●	June 1	Immunizations	Immunization overdue	Polio
●	June 1	Immunizations	Immunization overdue	Tetanus

Patient's Recent Activities

3:45 pm	Message	Chronic pain
Yesterday	Vital Signs	Updated glucose...
Yesterday	Nutrition	Recorded a meal...
Mar 28	Medications	Requested renewal...
Mar 27	Exercise	Updated personal...

...plus 6 more activities. View All »

Nutrition Wed, Oct 12

Grains, Fruits, Dairy, Vegetables, Protein, Sodium, Sugars, Fats & Oils

Decision Support

Risk factors as of Mar 11, 2011

Cardiovascular Risk	High risk
Blood Pressure	High risk
Cholesterol	High risk
Blood Sugar	High risk
Weight	High risk
Smoking	High risk
Deployment Risks	Low risk

Exercise

Most Recent PRT (Last: Mar 11, 2011)

Overall PRT Score: 61 points Good

PATIENT <30 45 60 75 90

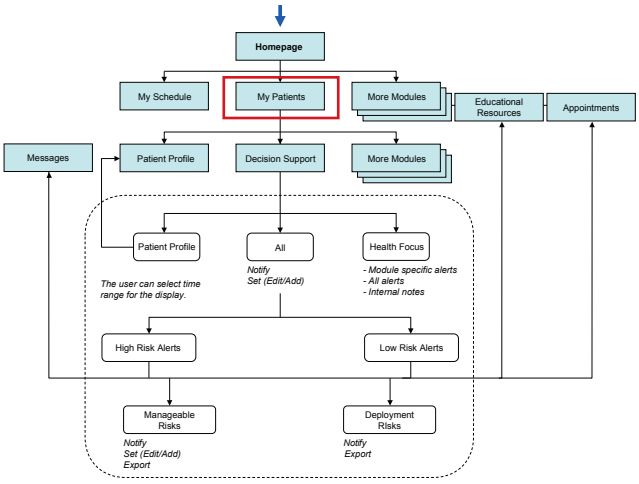
61 points Good
60 points Good
48 points Satisfactory

Physician-assigned (Last: Oct 19, 2011)

30 — 35 minutes, 2.8 miles
35 — 36 times

Personal (Last: Oct 19, 2011)

In the *Provider Portal Patient Home*, the *Decision Support* widget shows a quick overview of the patient's current and upcoming risks. The highest risk are displayed in full. Low risk conditions are minimized until clicked upon.



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Grains, Fruits, Dairy, Vegetables, Protein, Sodium, Sugars, Fats & Oils

Decision Support

Risk factors as of Mar 11, 2011

Cardiovascular Risk	*High risk*
Blood Pressure	*High risk*
Cholesterol	*High risk*
Blood Sugar	*High risk*
Weight	*High risk*
Smoking	*High risk*
Deployment Risks	*Low risk*
Malaria	*Low risk*
Schistosomiasis	*Low risk*
Dengue	*Low risk*
Filariasis	*Low risk*

Exercise

Most Recent PRT (Last: Mar 11, 2011)

Overall PRT Score: 61 points Good

PATIENT <30 45 60 75 90

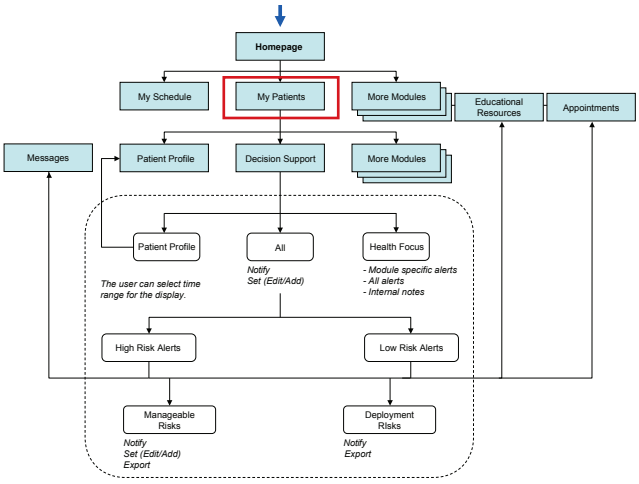
61 points Good
60 points Good
48 points Satisfactory

Physician-assigned (Last: Oct 19, 2011)

30 — 35 minutes, 2.8 miles
35 — 36 times

Personal (Last: Oct 19, 2011)

The user clicks "Deployment Risks" to see what kind of deployment risks the patient currently has.



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Cardiovascular Risk	*High risk*
Blood Pressure	*High risk*
Cholesterol	*High risk*
Blood Sugar	*High risk*
Weight	*High risk*
Smoking	*High risk*
Deployment Risks	*Low risk*
Malaria	*Low risk*
Schistosomiasis	*Low risk*
Dengue	*Low risk*
Filariasis	*Low risk*

Exercise

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Overall PRT Score: 61 points Good

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61 points Good
60 points Good
48 points Satisfactory

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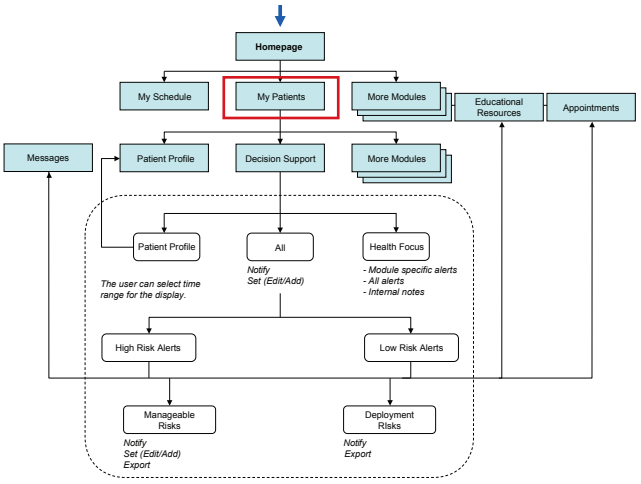
30 — 35 minutes, 2.8 miles
35 — 36 times

Personal (Last: Oct 19, 2011)

The user clicks the widget to enter the module.



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DECISION SUPPORT: SUMMARY VIEW

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Isaac Goodman » Decision Support

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Decision Support (1) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
●	March 11	Decision Support	High risk	Cardiovascular Disease

ALL RISKS
- Cardiovascular (5)
- Deployment (4)

Notify

Time Range: 1d 1w 1m 3m 1y 3y All Custom

Risk Line — Projected — Patient Entry — Provider Entry

Cardiovascular

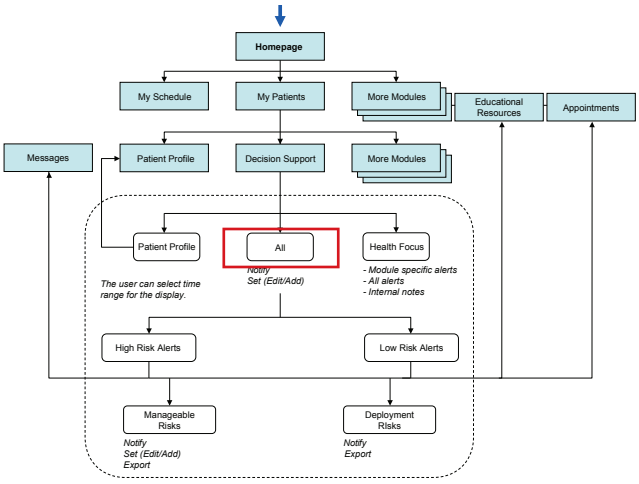
30% risk
5 Risk factors
Increase of 3 months

Deployment

Malaria	Low risk due to pending deployment in Southeast Asia.
Schistosomiasis	Low risk due to pending deployment in Southeast Asia.
Dengue	Low risk due to pending deployment in Southeast Asia.
Filariasis	Low risk due to pending deployment in Southeast Asia.

Low risk
4 Risk factors
on April 30, 2011

This is the landing screen for *Decision Support* module. In this module. The user can view and manage the risk factors of the patient. The user can also set up appointments and send a notification to the user if the condition requires attention. The highest risk is shown with a "Very Urgent" dot in front of the condition. The risk types available are manageable risks (normal conditions such as cardiovascular risk) and risks dependent on deployment (local infectious diseases). The manageable risk is shown in a graph from the beginning of the condition to the last measured entry.



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DECISION SUPPORT: SUMMARY VIEW

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Decision Support (1) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
●	March 11	Decision Support	High risk	Cardiovascular Disease

ALL RISKS
- Cardiovascular (5)
- Deployment (4)

Notify

Time Range: 1d 1w 1m 3m 1y 3y All Custom

Risk Line — Projected — Patient Entry — Provider Entry

Cardiovascular

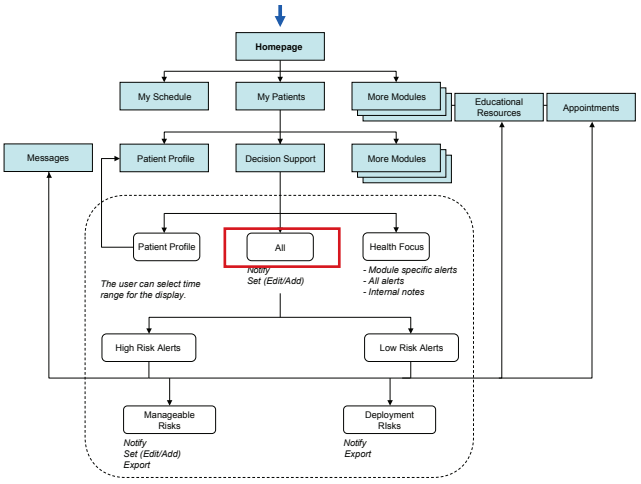
30% risk
5 Risk factors
Increase of 3 months

Deployment

Malaria	*Low risk due to pending deployment in Southeast Asia.*
Schistosomiasis	*Low risk due to pending deployment in Southeast Asia.*
Dengue	*Low risk due to pending deployment in Southeast Asia.*
Filariasis	*Low risk due to pending deployment in Southeast Asia.*

Low risk
4 Risk factors
on April 30, 2011

The user click on "Cardiovascular (Risk)" to see detailed information about the risk factors.



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DECISION SUPPORT: MANAGABLE RISKS

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Isaac Goodman » Decision Support

Search Decision Support

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Decision Support (1) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
●	March 11	Decision Support	High risk	Cardiovascular Disease

ALL RISKS
- Cardiovascular (5)
- Deployment (4)

Notify | Manage Risk Factors | Export

Time Range: 1d 1w 1m 3m 1y 3y All Custom

Cardiovascular Risk

30% — *Most recent record: March 30, 2011*

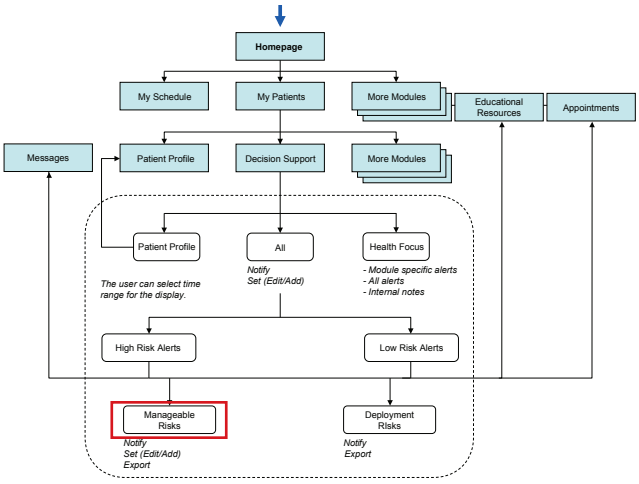
0% — *Previous record: January 1, 2011*

30% — *Overall risk change: from January 1, 2011 to March 30, 2011*

Safe / Goal | Patient Entry | Provider Entry

Blood Pressure	120 / 80 mmHg	Current 155 / 120 mmHg (+35 / +40 mmHg)
Cholesterol	190 mg/dL	Current 250 mg/dL (+60 mg/dL)
Blood Sugar	105 mg/dL	Current 125 mg/dL (+20 mg/dL)
Weight	170 pounds	Current 190 pounds (+20 pounds)

This is the screen for Cardiovascular detail view. The numbers displayed in orange are latest risk percentage, the previously recorded risk percentage, and overall risk change from the beginning of the time range to the end of the time range. If the number is displayed in red, there is a high risk factor. The median line displays a goal set by the provider for the patient or a value that is considered safe.



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DECISION SUPPORT: MANAGABLE RISKS

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Isaac Goodman » Decision Support

Search Decision Support

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Decision Support (1) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
●	March 11	Decision Support	High risk	Cardiovascular Disease

ALL RISKS
- Cardiovascular (5)
- Deployment (4)

Notify | Manage Risk Factors | Export

Time Range: 1d 1w 1m 3m 1y 3y All Custom

Cardiovascular Risk

30% — *Most recent record: March 30, 2011*

0% — *Previous record: January 1, 2011*

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Safe / Goal | Patient Entry | Provider Entry

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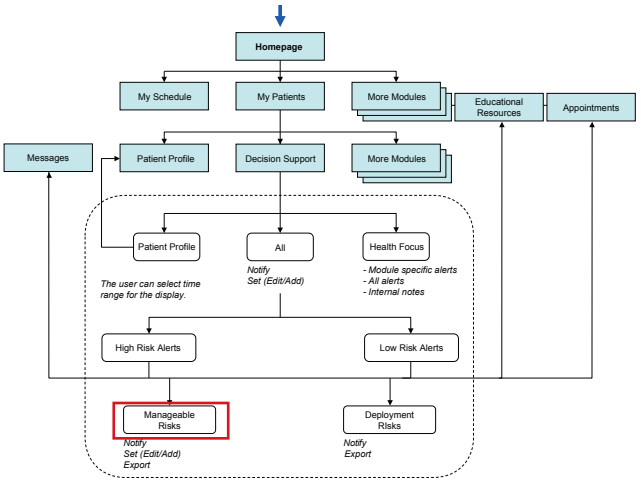
Cholesterol	190 mg/dL	Current 250 mg/dL (+60 mg/dL)
Blood Sugar	105 mg/dL	Current 125 mg/dL (+20 mg/dL)
Weight	170 pounds	Current 190 pounds (+20 pounds)

The user can access further information on certain conditions available within *Educational Resources* module by clicking the question mark icon.



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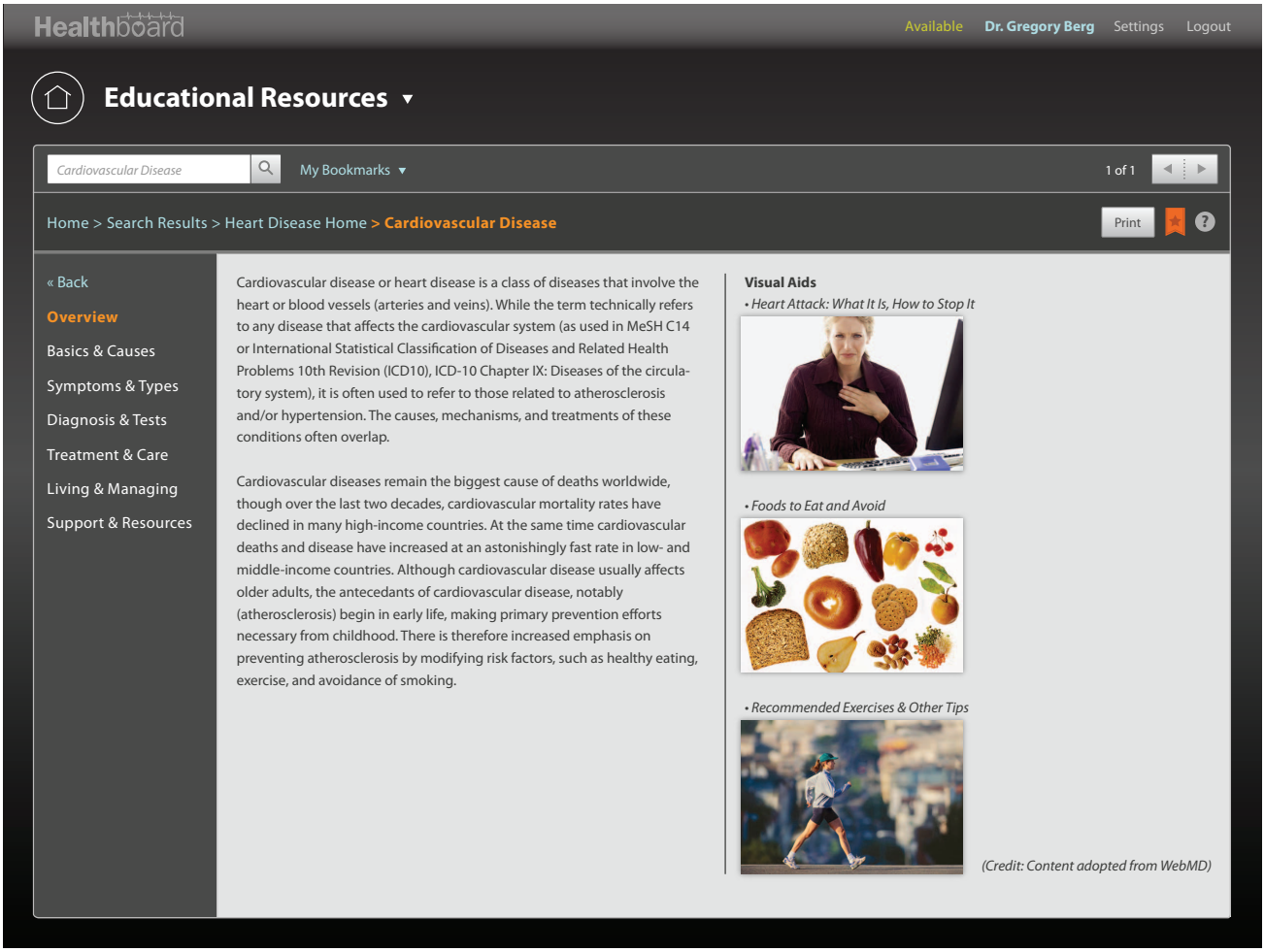
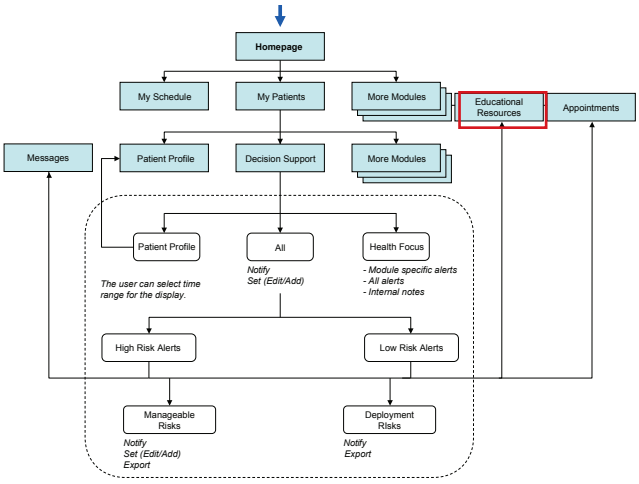
DECISION SUPPORT: LINK TO EDUCATIONAL RESOURCES



Upon selection, the user is sent to the *Educational Resources* module page for "Cardiovascular Disease." Any diseases or conditions within *Decision Support* module are linked to the available *Educational Resources* module. The question mark icon for "Deployment Risks" can be found on the risk map.



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DECISION SUPPORT: EXPORT

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Decision Support

Search Decision Support

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Rank/OS: SCPO, Navy

Decision Support (1) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
●	March 11	Decision Support	High risk	Cardiovascular Disease

ALL RISKS
- Cardiovascular (5)
- Deployment (4)

Notify | Manage Risk Factors | Export

Time Range: 1d 1w 1m 3m 1y 3y All Custom

Cardiovascular Risk

30% — *Most recent record: March 30, 2011*

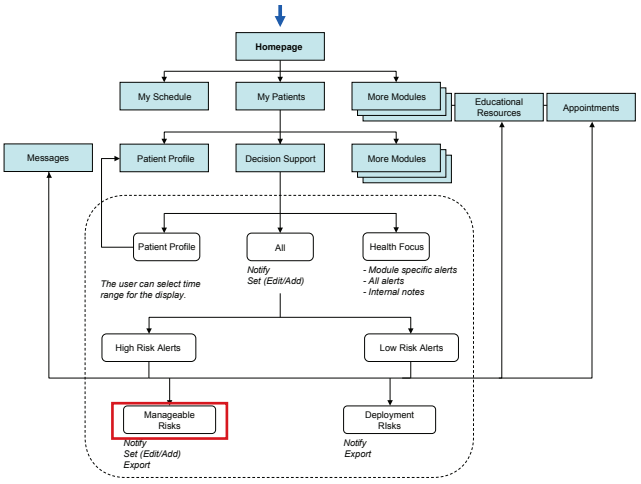
0% — *Previous record: January 1, 2011*

30% — *Overall risk change: from January 1, 2011 to March 30, 2011*

Safe / Goal | Patient Entry | Provider Entry

Blood Pressure	120 / 80 mmHg	Current 155 / 120 mmHg (+35 / +40 mmHg)
Cholesterol	190 mg/dL	Current 250 mg/dL (+60 mg/dL)
Blood Sugar	105 mg/dL	Current 125 mg/dL (+20 mg/dL)
Weight	170 pounds	Current 190 pounds (+20 pounds)

The user clicks "Export" button.



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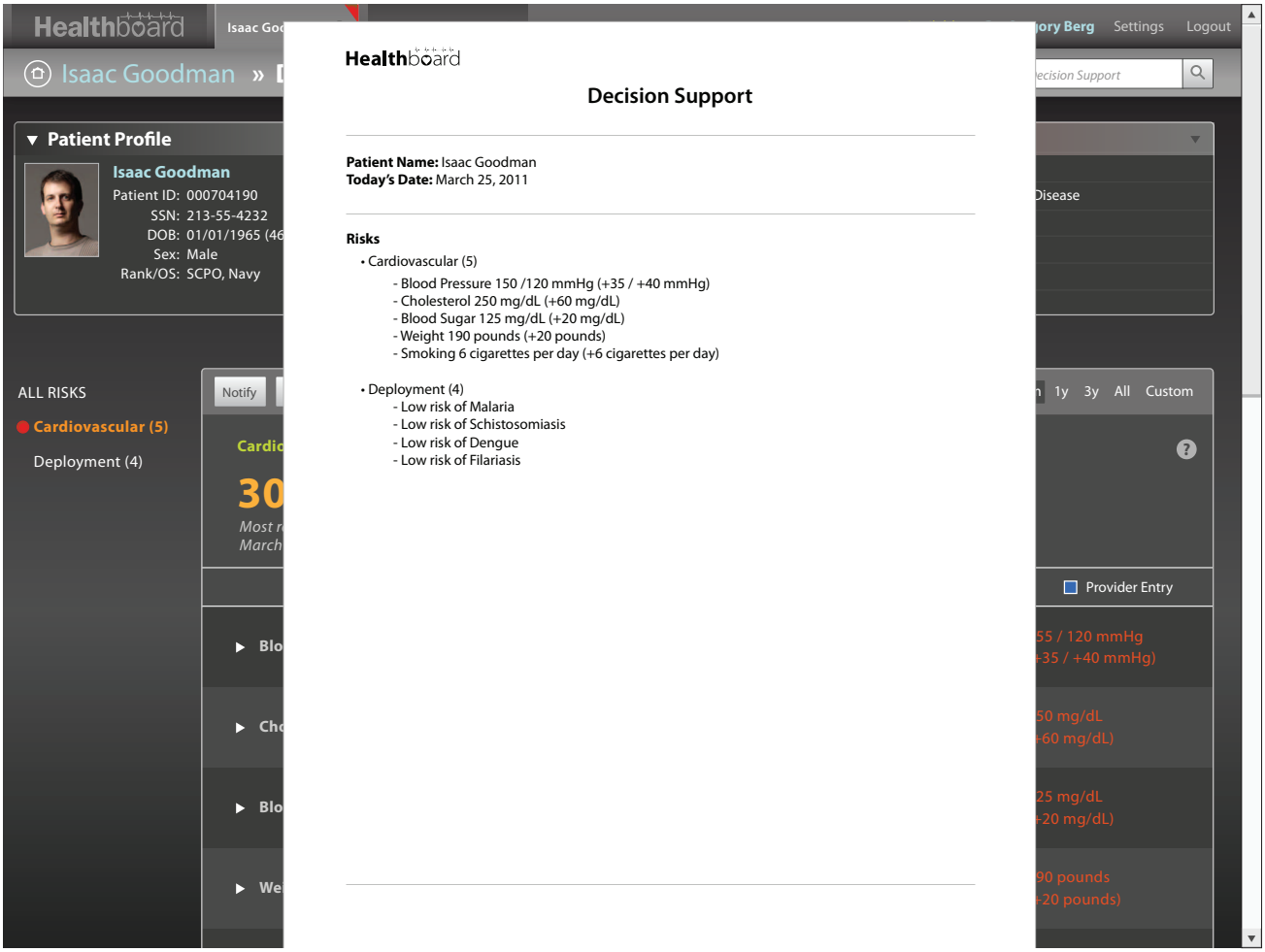
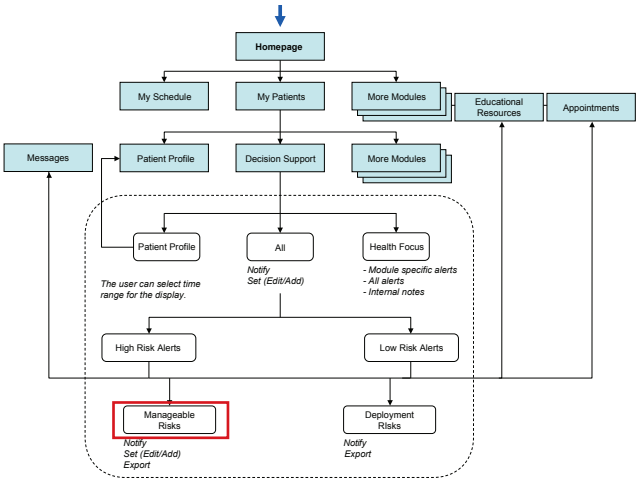
DECISION SUPPORT: EXPORT



The summary information of the module is exported.



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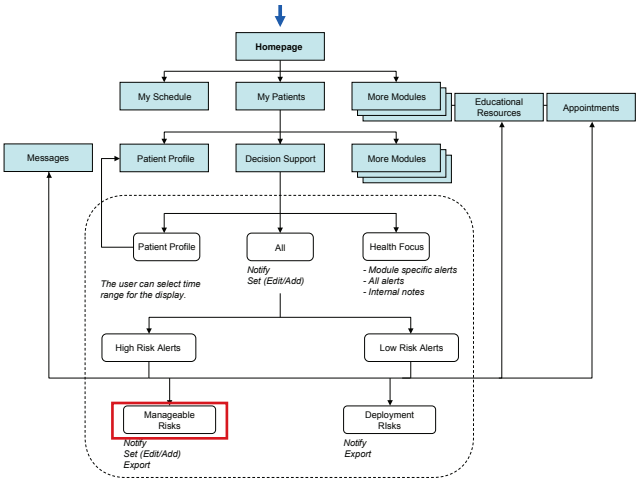
DECISION SUPPORT: NOTIFY

The user has the option to notify the patient with the "Notify" button. The provider can send the message to patient through *Messages* module with "Send as Message" and can also create a notification in patient's next steps by checking off "Send as Next Steps Notifications."



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DECISION SUPPORT: NOTIFY

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Decision Support

Search Decision Support

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Decision Support (1) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
●	March 11	Decision Support	High risk	Cardiovascular Disease

Notify Patient

Patient: Isaac Goodman

☑ Send as Message ☑ Send as Next Steps notification

Subject: Please request an appointment.

Message:

Not urgent

Submit | Cancel

ALL RISKS
● Cardiovascular (5)
Deployment (4)

Notify | Manage Risk Facto

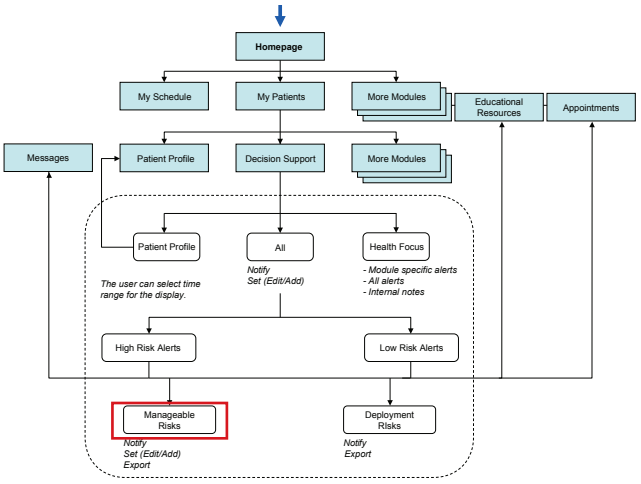
Cardiovascular Risk
30%
Most recent record: March 30, 2011

1d 1w 1m 3m 1y 3y All Custom

Patient Entry | Provider Entry

Blood Pressure		Current 155 / 120 mmHg (+35 / +40 mmHg)
Cholesterol	190 mg/dL	Current 250 mg/dL (+60 mg/dL)
Blood Sugar	105 mg/dL	Current 125 mg/dL (+20 mg/dL)
Weight	170 pounds	Current 190 pounds (+20 pounds)

The user clicks "Submit" to send to notification.



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Isaac Goodman » Decision Support ▾ *Your message has been sent.* Search Decision Support

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Urgency	Time	Type	Alert	Description
●	March 11	Decision Support	High risk	Cardiovascular Disease

ALL RISKS
● Cardiovascular (5)
Deployment (4)

Notify | Manage Risk Factors | Export | Time Range: 1d 1w 1m 3m 1y 3y All Custom

Cardiovascular Risk

30% *Most recent record: March 30, 2011*
0% *Previous record: January 1, 2011*
↑ **30%** *Overall risk change: from January 1, 2011 to March 30, 2011*

Safe / Goal | Patient Entry | Provider Entry

Blood Pressure	120 / 80 mmHg	Current 155 / 120 mmHg (+35 / +40 mmHg)
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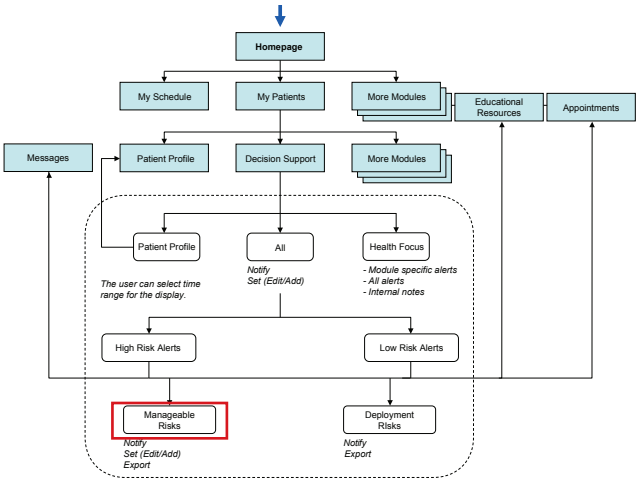

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DECISION SUPPORT: MANAGABLE RISK

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Urgency	Time	Type	Alert	Description
●	March 11	Decision Support	High risk	Cardiovascular Disease

ALL RISKS
- Cardiovascular (5)
- Deployment (4)

Notify | Manage Risk Factors | Export

Time Range: 1d 1w 1m 3m 1y 3y All Custom

Cardiovascular Risk

30% — *Most recent record: March 30, 2011*

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30% — *Overall risk change: from January 1, 2011 to March 30, 2011*

Safe / Goal | Patient Entry | Provider Entry

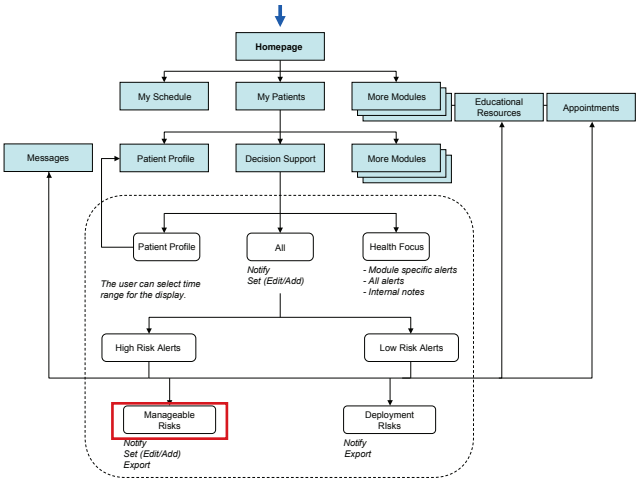
Blood Pressure — 120 / 80 mmHg — Current 155 / 120 mmHg (+35 / +40 mmHg)

Cholesterol — 190 mg/dL — Current 250 mg/dL (+60 mg/dL)

Total cholesterol 217 mg/dL
LDL 161 mg/dL
HDL 60 mg/dL
Triglycerides 153 mg/dL
Measured on March 30, 2011

Blood Sugar — 105 mg/dL — Current 125 mg/dL (+20 mg/dL)

The user can expand any of the individual risk factor timeline to see more of the recorded detail. As a minimized timeline only shows the beginning and end point of that risk factor.



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DECISION SUPPORT: MANAGABLE RISK

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Urgency	Time	Type	Alert	Description
●	March 11	Decision Support	High risk	Cardiovascular Disease

ALL RISKS
- Cardiovascular (5)
- Deployment (4)

Notify | Manage Risk Factors | Export

Time Range: 1d 1w 1m 3m 1y 3y All Custom

Cardiovascular Risk

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Safe / Goal | Patient Entry | Provider Entry

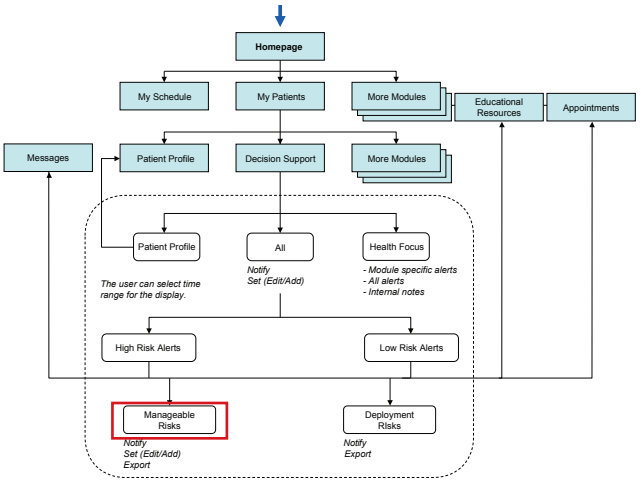
Blood Pressure — 120 / 80 mmHg — Current 155 / 120 mmHg (+35 / +40 mmHg)

Cholesterol — 190 mg/dL — Current 250 mg/dL (+60 mg/dL)

Total cholesterol 217 mg/dL
LDL 161 mg/dL
HDL 60 mg/dL
Triglycerides 153 mg/dL
Measured on March 30, 2011

Blood Sugar — 105 mg/dL — Current 125 mg/dL (+20 mg/dL)

The user can expand any of the individual risk factor timeline to see more of the recorded detail.



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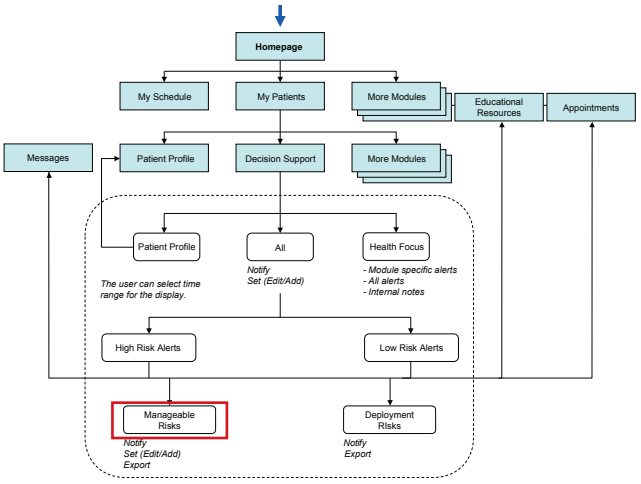
DECISION SUPPORT: MANAGABLE RISK

The user scrolls down to see more information.



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DECISION SUPPORT: MANAGE RISK FACTORS

ALL RISKS
Cardiovascular (5)
Deployment (4)

Notify | Manage Risk Factors | Export

Time Range: 1d 1w 1m 3m 1y 3y All Custom

Cardiovascular Risk

15% Record from: February 1, 2011
0% Previous record:
15% Overall risk change:

Manage Risk Factors

Add a factor
Please select a module
Please select one
Please select a category
Please select one
From: 01/01/2011 To: 03/11/2011
Add Cancel

Blood Pressure Delete
Cholesterol Delete
Blood Sugar Delete
Weight Delete
Smoking Delete

Submit Cancel

Safe / Goal | Patient Entry | Provider Entry

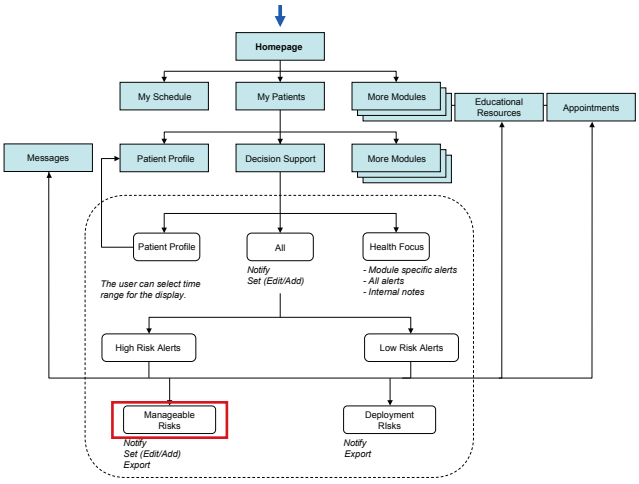
Blood Pressure — Current 155 / 120 mmHg (+35 / +40 mmHg)
Cholesterol — Current 250 mg/dL (+60 mg/dL)
Total cholesterol 217 mg/dL
LDL 161 mg/dL
HDL 60 mg/dL
Triglycerides 153 mg/dL
Measured on March 30, 2011
Blood Sugar — Current 125 mg/dL (+20 mg/dL)
Weight — Current 190 pounds (+20 pounds)
Smoking — Current 6 cigarettes per day (+6 cigarettes per day)
Mar'11

Family Tree
Related health issues

Treatments

Method	Type	Description
Physical checkup	Appointments	Schedule patient for checkup
Lipitor	Medications	Prevent cardiovascular disease
Food moderation	Nutrition	Diet management

The user clicks "Manage Risk Factors" button. In this pop up window, the user can manage risk factors by adding or removing trackers from other modules to see if it has an effect on the total risk value. The user can also set a date range of the start and end date of the tracker.



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DECISION SUPPORT: MANAGE RISK FACTORS (CONTINUED)

ALL RISKS
Cardiovascular (5)
Deployment (4)

Notify | Manage Risk Factors | Export

Time Range: 1d 1w 1m 3m 1y 3y All Custom

Cardiovascular Risk

15% Record from: February 1, 2011
0% Previous record:
15% Overall risk change:
bruary 1, 2011

Safe / Goal | Patient Entry | Provider Entry

Blood Pressur — Current 155 / 120 mmHg (+35 / +40 mmHg)

Cholesterol — Current 250 mg/dL (+60 mg/dL)
Total cholesterol 217 mg/dL
LDL 161 mg/dL
HDL 60 mg/dL
Triglycerides 153 mg/dL
Measured on March 30, 2011

Blood Sugar — Current 125 mg/dL (+20 mg/dL)

Weight — Current 190 pounds (+20 pounds)

Smoking — Current 6 cigarettes per day (+6 cigarettes per day)

Mar'11

Manage Risk Factors

Add a factor

Please select a module
Please select one

Please select a category
Please select one

From: 01/01/2011 To: 03/11/2011

Add | Cancel

- Blood Pressure — Delete
- Cholesterol — Delete
- Blood Sugar — Delete
- Weight — Delete
- Smoking — Delete

Submit | Cancel

Family Tree

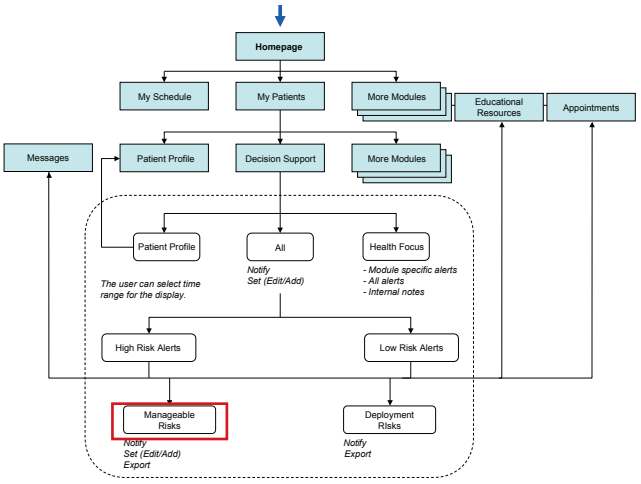
Related health issues

4 2 4 1

Treatments

Method	Type	Description
Physical checkup	Appointments	Schedule patient for checkup
Lipitor	Medications	Prevent cardiovascular disease
Food moderation	Nutrition	Diet management

The user clicks on a module selection.



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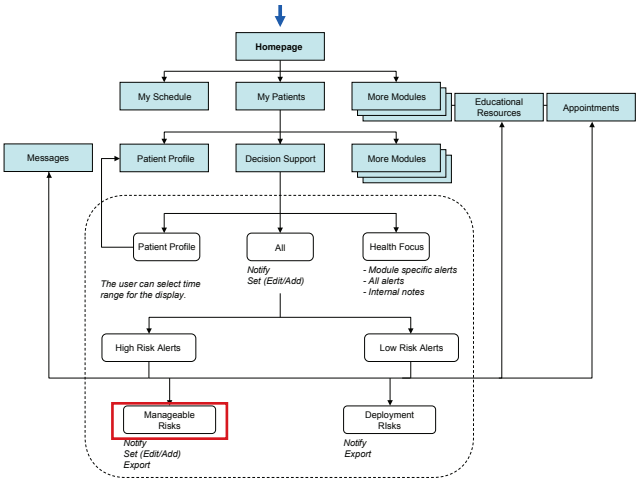
DECISION SUPPORT: MANAGE RISK FACTORS (CONTINUED)

The user selects the "Exercise" to select trackers from the *Exercise* module. The user clicks at category to select the individual tracker.



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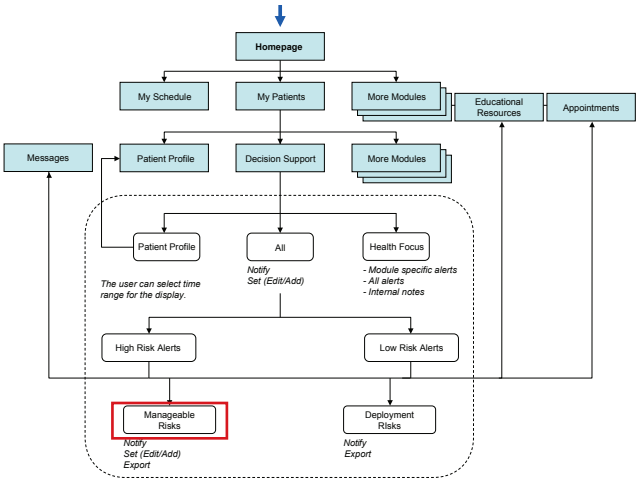
DECISION SUPPORT: MANAGE RISK FACTORS (CONTINUED)

The user selects the "Run/Walk" tracker from the *Exercise* module.



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DECISION SUPPORT: MANAGE RISK FACTORS (CONTINUED)

ALL RISKS
Cardiovascular (5)
Deployment (4)

Notify | Manage Risk Factors | Export

Time Range: 1d 1w 1m 3m 1y 3y All Custom

Cardiovascular Risk

15% Record from: February 1, 2011
0% Previous record:
15% Overall risk change:

Manage Risk Factors

Add a factor
Please select a module
Please select one
Please select a category
Please select one
From: 01/01/2011 To: 03/11/2011
Add Cancel

Blood Pressure Delete
Cholesterol Delete
Blood Sugar Delete
Weight Delete
Smoking Delete
Run/Walk Delete

Submit Cancel

Safe / Goal | Patient Entry | Provider Entry

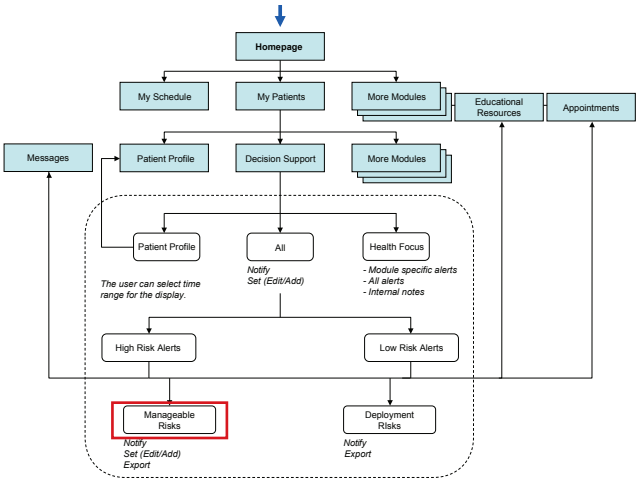
Blood Pressure — Current 155 / 120 mmHg (+35 / +40 mmHg)
Cholesterol — Current 250 mg/dL (+60 mg/dL)
Total cholesterol 217 mg/dL
LDL 161 mg/dL
HDL 60 mg/dL
Triglycerides 153 mg/dL
Measured on March 30, 2011
Blood Sugar — Current 125 mg/dL (+20 mg/dL)
Weight — Current 190 pounds (+20 pounds)
Smoking — Current 6 cigarettes per day (+6 cigarettes per day)
Mar'11

Family Tree
Related health issues

Treatments

Method	Type	Description
Physical checkup	Appointments	Schedule patient for checkup
Lipitor	Medications	Prevent cardiovascular disease
Food moderation	Nutrition	Diet management

The tracker is added to the list.



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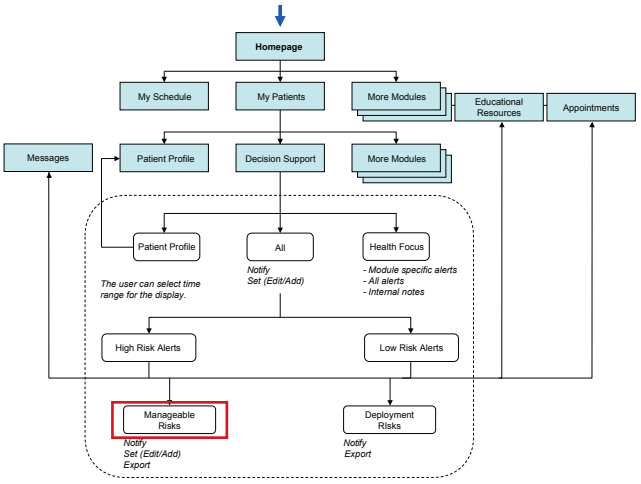
DECISION SUPPORT: DELETE RISK FACTORS

The user can delete the item off the list by clicking "Delete" and will be prompted with a pop up window to confirm. The user clicks "Do not delete this item."



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DECISION SUPPORT: MANAGE RISK FACTORS

ALL RISKS
Cardiovascular (5)
Deployment (4)

Notify | Manage Risk Factors | Export

Time Range: 1d 1w 1m 3m 1y 3y All Custom

Cardiovascular Risk

15% Record from: February 1, 2011
0% Previous record:
15% Overall risk change:

Manage Risk Factors

Add a factor
Please select a module
Please select one
Please select a category
Please select one
From: 01/01/2011 To: 03/11/2011
Add Cancel

Blood Pressure Delete
Cholesterol Delete
Blood Sugar Delete
Weight Delete
Smoking Delete
Run/Walk Delete
Sodium Delete
Calories Delete

Submit Cancel

Safe / Goal | Patient Entry | Provider Entry

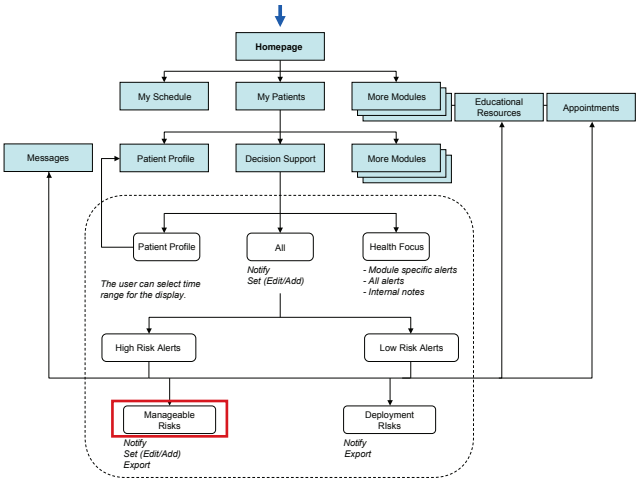
Blood Pressure — Current 155 / 120 mmHg (+35 / +40 mmHg)
Cholesterol — Current 250 mg/dL (+60 mg/dL)
Total cholesterol 217 mg/dL
LDL 161 mg/dL
HDL 60 mg/dL
Triglycerides 153 mg/dL
Measured on March 30, 2011
Blood Sugar — Current 125 mg/dL (+20 mg/dL)
Weight — Current 190 pounds (+20 pounds)
Smoking — Current 6 cigarettes per day (+6 cigarettes per day)
Mar'11

Family Tree
Related health issues
4 2 4 1

Treatments

Method	Type	Description
Physical checkup	Appointments	Schedule patient for checkup
Lipitor	Medications	Prevent cardiovascular disease
Food moderation	Nutrition	Diet management

The user also added "Sodium" and "Calories" tracker from the *Nutrition* module to the list.



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DECISION SUPPORT: MANAGABLE RISK

ALL RISKS
Cardiovascular (8)
Deployment (4)

Notify | Manage Risk Factors | Export

Time Range: 1d 1w 1m 3m 1y 3y All Custom

Cardiovascular Risk

27% *Record from: February 1, 2011*

0% *Previous record: January 1, 2011*

27% *Overall risk change: from January 1, 2011 to March 30, 2011*

Safe / Goal | Patient Entry | Provider Entry

Blood Pressure — 120/80 mg/dL — Current 155 / 120 mmHg (+35 / +40 mmHg)

Cholesterol — 190 mg/dL — Current 250 mg/dL (+60 mg/dL)
Total cholesterol 217 mg/dL
LDL 161 mg/dL
HDL 60 mg/dL
Triglycerides 153 mg/dL
Measured on March 30, 2011

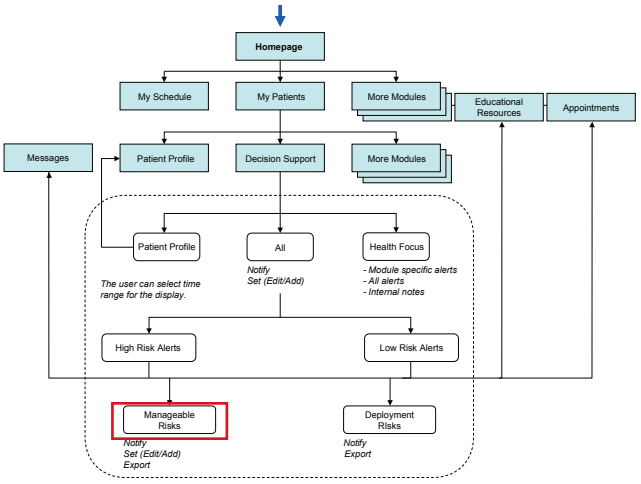
Blood Sugar — 105 mg/dL — Current 125 mg/dL (+20 mg/dL)

Weight — 170 pounds — Current 190 pounds (+20 pounds)

Smoking — 0 cigarettes — Current 6 cigarettes per day (+6 cigarettes per day)

Run/Walk — 12 minutes — **16** minutes per mile
32%
Increase of 3 months
Measured on March 30, 2011

The trackers are added to the "Cardiovascular Risk."



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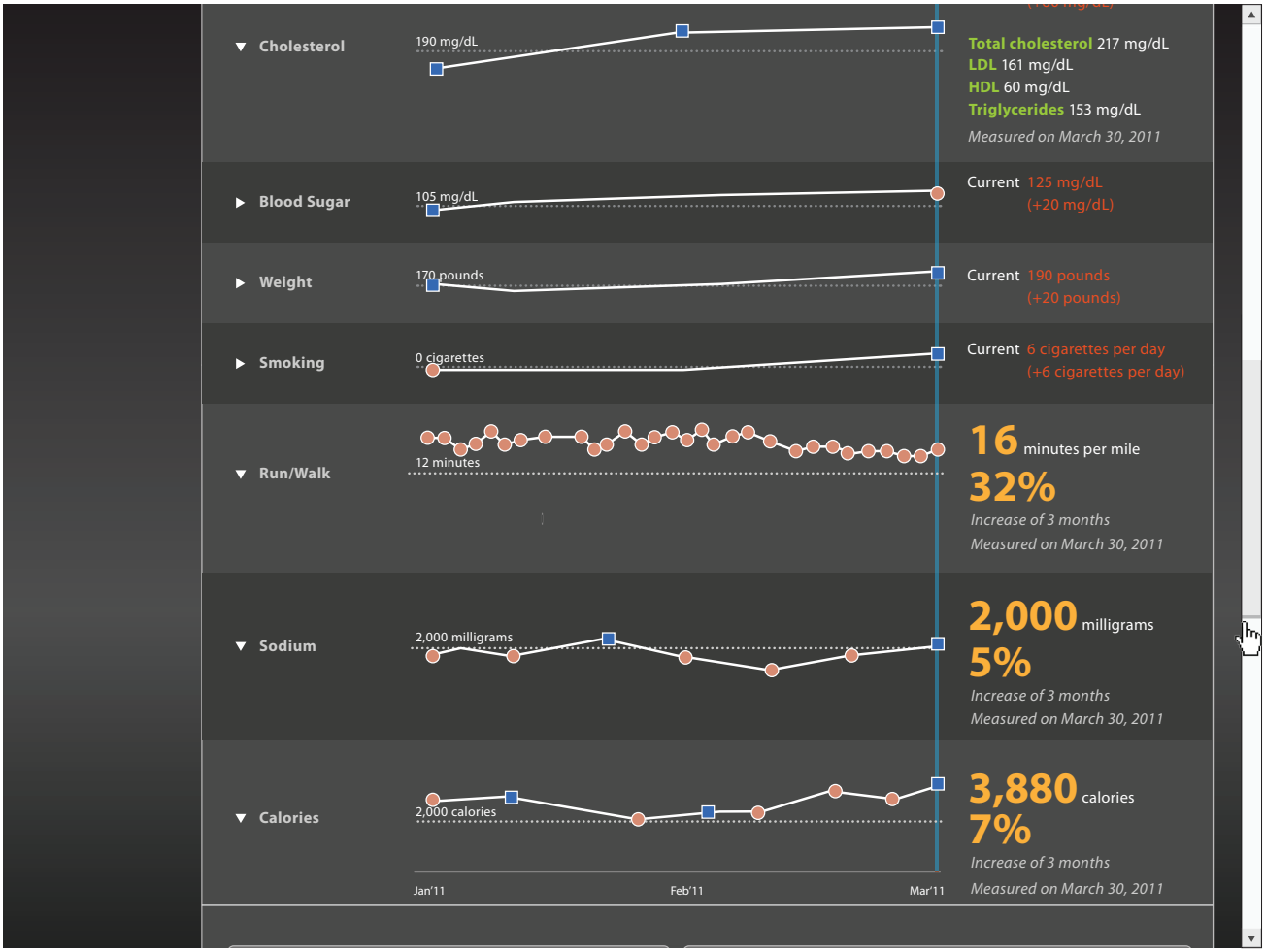
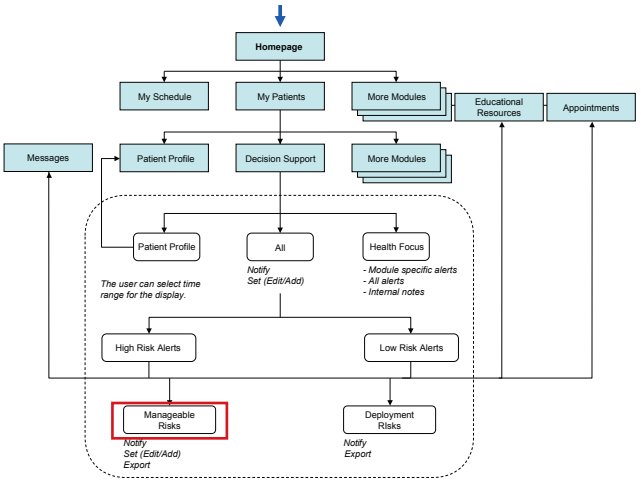
DECISION SUPPORT: MANAGABLE RISK



The user scroll down to see more trackers.



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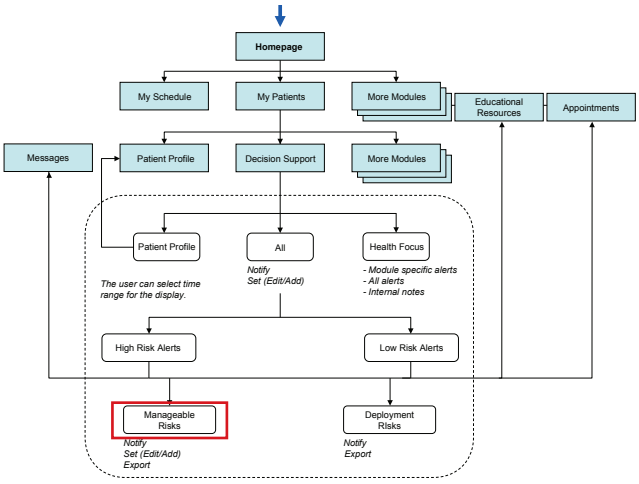
DECISION SUPPORT: MANAGABLE RISK

The user scroll down to see more information in relation to the risk. In this case, the "Cardiovascular Risk" could come from related health issues within the family. The "Family Tree" display the health issues of the previous generation that is in relation to the "Cardiovascular Risk." The "Recommended Treatments" display the suggestions selected by the system. Some of the recommendations are suggestions to make changes within the other modules in order to reduce the risk factor. The "Subject-Matter Experts" tab are for the user to use if a second opinion is needed.



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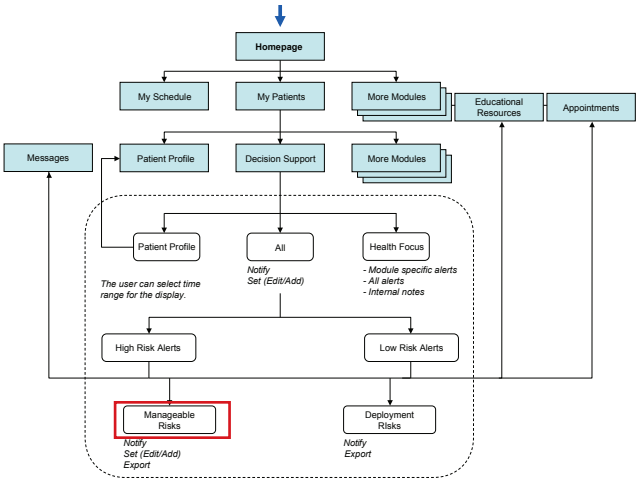
DECISION SUPPORT: MANAGABLE RISK

The user hovers over the "Related health issues" icon, shown as a number displaying how many conditions the person has. A tooltip appears showing the individual's list of health issues.



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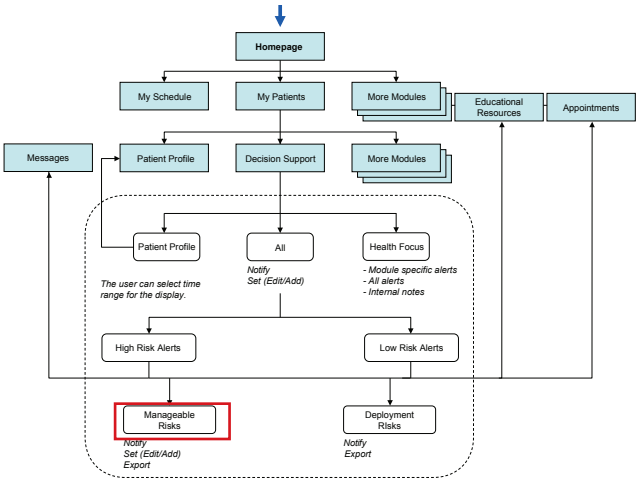
DECISION SUPPORT: MANAGABLE RISK

The user clicks on the "Appointments" link.



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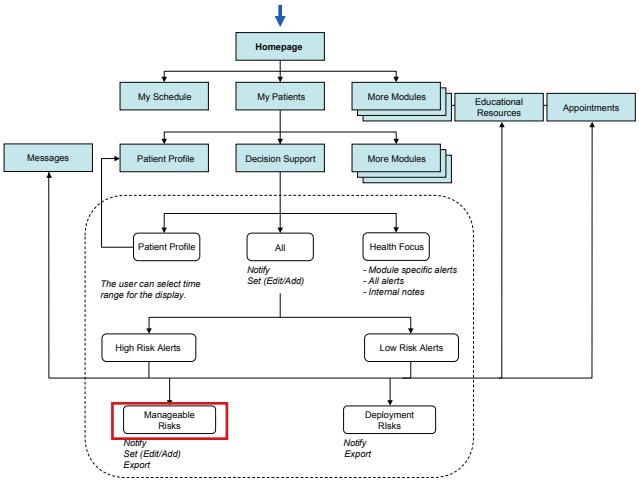
DECISION SUPPORT: LINK TO APPOINTMENTS

The user enters *Appointments* module.



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DECISION SUPPORT: DEPLOYMENT RISK

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Help

Isaac Goodman » Decision Support

Search Decision Support

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Decision Support (1) | View All Alerts (15)

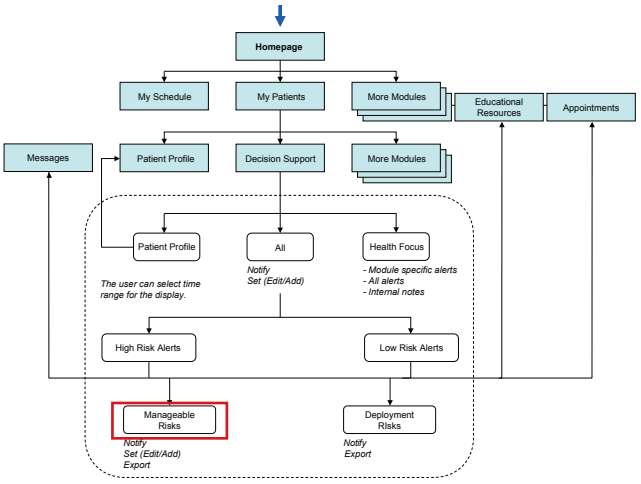
Urgency	Time	Type	Alert	Description
●	March 11	Decision Support	High risk	Cardiovascular Disease

ALL RISKS
- Cardiovascular (8)
- Deployment (4)

Notify | Export | Time Range: 1d 1w 1m 3m 1y 3y All Custom

Malaria: Thailand	*Low risk due to pending deployment in Southeast Asia.*	*as of March 11, 2011*
Schistosomiasis: Thailand	*Low risk due to pending deployment in Southeast Asia.*	*as of March 11, 2011*
Dengue: Thailand	*Low risk due to pending deployment in Southeast Asia.*	*as of March 11, 2011*
Filariasis: Thailand	*Low risk due to pending deployment in Southeast Asia.*	*as of March 11, 2011*

The user clicks "Deployment (4)" risk. The four risks are displayed in summary based on their location.



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DECISION SUPPORT: DEPLOYMENT RISK

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Decision Support

Search Decision Support

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Decision Support (1) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
●	March 11	Decision Support	High risk	Cardiovascular Disease

ALL RISKS
- Cardiovascular (8)
- Deployment (4)

Notify | Export | Time Range: 1d 1w 1m 3m 1y 3y All Custom

Malaria: Thailand — *Low risk due to pending deployment in Southeast Asia.* — *as of March 11, 2011*

Other Health Issues in Thailand

Diseases	Prevention Status
Hepatitis A	Vaccinated on 11/16/2010
Hepatitis B	Vaccinated on 10/01/2010
Typhoid	Vaccinated on 02/03/2011
Malaria	Medications not prescribed
Schistosomiasis	Medications not prescribed
Dengue	Medications not prescribed
Filariasis	Medications not prescribed

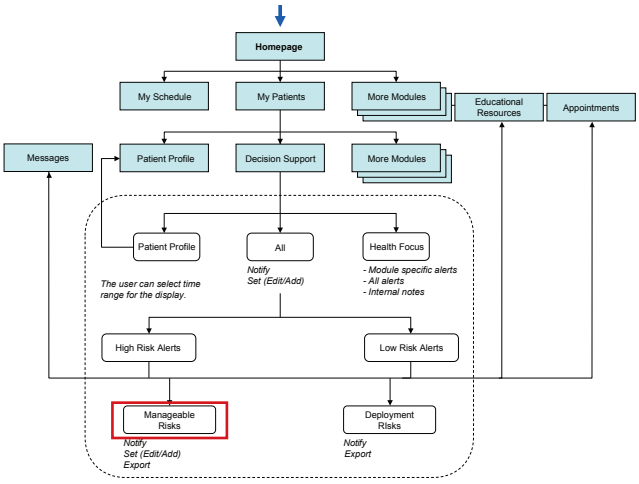
Recommended Treatments

Method	Type	Description
Antimalarials	Medications	Malaria prevention
CDC Prevention	Document	Prevention methods
CDC Treatment	Document	Guidelines for treatment

Subject-Matter Experts

Name	Expertise	Location
Dr. Pedro Alonso	Internal Medicine	CRESI
Dr. Awa-Marie Coll-Seck	Infectious Disease	MMV
Dr. Carlos Morel	Tropical Disease	GMP, WHO
Dr. Robert Newman	Public Health	MMV
Dr. Dennis Schmatz	Infectious Disease	MMV

The user clicks on the arrow to display detailed information about malaria in Thailand. Other than the "Recommended Treatments" and "Subject-Matter Experts," "Other Health issues" in Thailand is also displayed. The vaccination and medications that should be prescribed to the patient is listed.



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DECISION SUPPORT: DEPLOYMENT RISK

Deployment (4)

Other Health Issues in Thailand

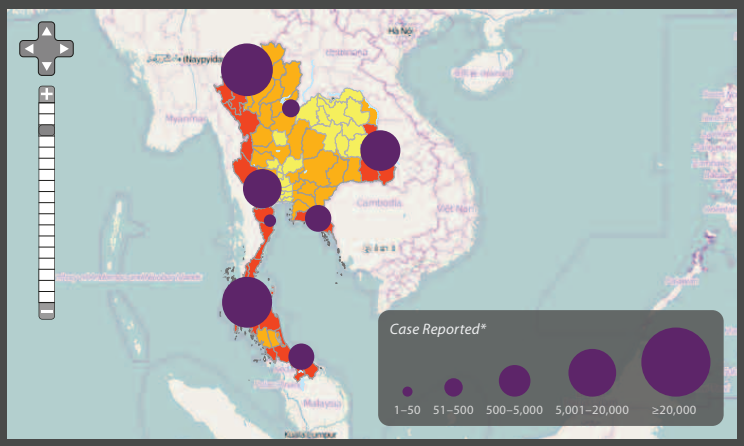
Diseases	Prevention Status
Hepatitis A	Vaccinated on 11/16/2010
Hepatitis B	Vaccinated on 10/01/2010
Typhoid	Vaccinated on 02/03/2011
Malaria	Medications not prescribed
Schistosomiasis	Medications not prescribed
Dengue	Medications not prescribed
Filariasis	Medications not prescribed

Recommended Treatments

Method	Type	Description
Antimalarials	Medications	Malaria prevention
CDC Prevention	Document	Prevention methods
CDC Treatment	Document	Guidelines for treatment

Subject-Matter Experts

Name	Expertise	Location
Dr. Pedro Alonso	Internal Medicine	CRESI
Dr. Awa-Marie Coll-Seck	Infectious Disease	MMV
Dr. Carlos Morel	Tropical Disease	GMP, WHO
Dr. Robert Newman	Public Health	MMV
Dr. Dennis Schmatz	Infectious Disease	MMV

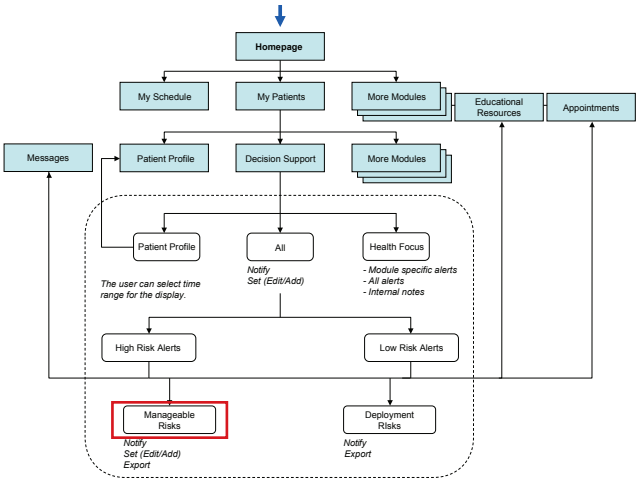


View risk in Thailand
View risk in other countries

*Disability-Adjusted Life Year**
*per 100,000 inhabitants

<10	2,000–2,500
10–100	2,500–2,750
100–500	2,750–3,000
500–1000	3,000–3,250
1,000–1,500	3,250–3,500
1,500–2,000	≥3,500
no data	

The user can also view the adjustable map view about the particular areas that the case exists.



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DECISION SUPPORT: DEPLOYMENT RISK

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Isaac Goodman » Decision Support

Search Decision Support

Patient Profile

Isaac Goodman
Patient ID: 000704190
SSN: 213-55-4232
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank/OS: SCPO, Navy

Decision Support (1) | View All Alerts (15)

Urgency	Time	Type	Alert	Description
●	March 11	Decision Support	High risk	Cardiovascular Disease

ALL RISKS
- Cardiovascular (8)
- Deployment (4)

Notify | Export | Time Range: 1d 1w 1m 3m 1y 3y All Custom

Malaria: Other Countries — *Low risk due to pending deployment in Southeast Asia.* — *as of March 11, 2011*

Other Health Issues in Thailand

Diseases	Prevention Status
Hepatitis A	Vaccinated on 11/16/2010
Hepatitis B	Vaccinated on 10/01/2010
Typhoid	Vaccinated on 02/03/2011
Malaria	Medications not prescribed
Schistosomiasis	Medications not prescribed
Dengue	Medications not prescribed
Filariasis	Medications not prescribed

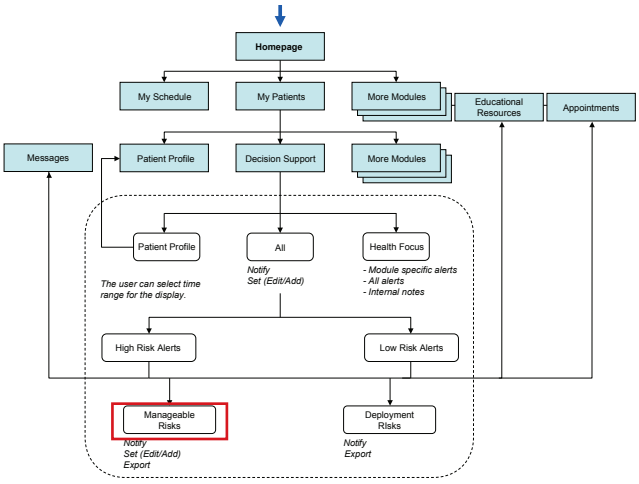
Recommended Treatments

Method	Type	Description
Antimalarials	Medications	Malaria prevention
CDC Prevention	Document	Prevention methods
CDC Treatment	Document	Guidelines for treatment

Subject-Matter Experts

Name	Expertise	Location
Dr. Pedro Alonso	Internal Medicine	CRESI
Dr. Awa-Marie Coll-Seck	Infectious Disease	MMV
Dr. Carlos Morel	Tropical Disease	GMP, WHO
Dr. Robert Newman	Public Health	MMV
Dr. Dennis Schmatz	Infectious Disease	MMV

The user clicks on "View risk in other countries" next to the map.



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DECISION SUPPORT: DEPLOYMENT RISK

Deployment (4)

Other Health Issues in Thailand

Diseases	Prevention Status
Hepatitis A	Vaccinated on 11/16/2010
Hepatitis B	Vaccinated on 10/01/2010
Typhoid	Vaccinated on 02/03/2011
Malaria	Medications not prescribed
Schistosomiasis	Medications not prescribed
Dengue	Medications not prescribed
Filariasis	Medications not prescribed

Recommended Treatments

Method	Type	Description
Antimalarials	Medications	Malaria prevention
CDC Prevention	Document	Prevention methods
CDC Treatment	Document	Guidelines for treatment

Subject-Matter Experts

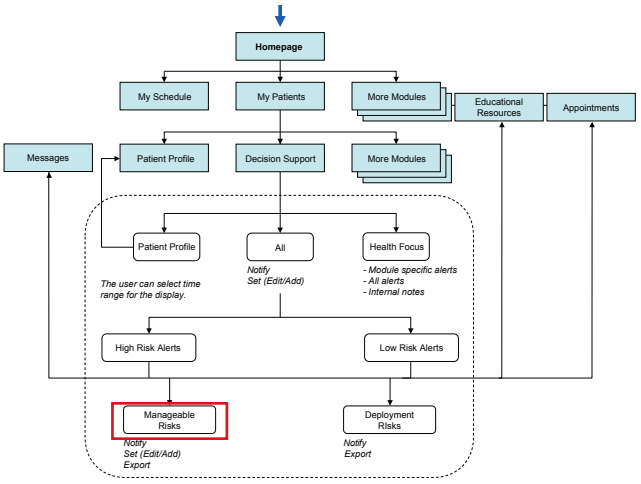
Name	Expertise	Location
Dr. Pedro Alonso	Internal Medicine	CRESI
Dr. Awa-Marie Coll-Seck	Infectious Disease	MMV
Dr. Carlos Morel	Tropical Disease	GMP, WHO
Dr. Robert Newman	Public Health	MMV
Dr. Dennis Schmatz	Infectious Disease	MMV

View risk in Thailand
View risk in other countries

*Disability-Adjusted Life Year**
**per 100,000 inhabitants*

<10	2,000–2,500
10–100	2,500–2,750
100–500	2,750–3,000
500–1000	3,000–3,250
1,000–1,500	3,250–3,500
1,500–2,000	≥3,500
no data	

The map display the risk of Malaria in other countries. The user click on the "CDC Prevention" link on the Recommended Treatments tab.



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DECISION SUPPORT: LINK TO EXTERNAL DOCUMENTS

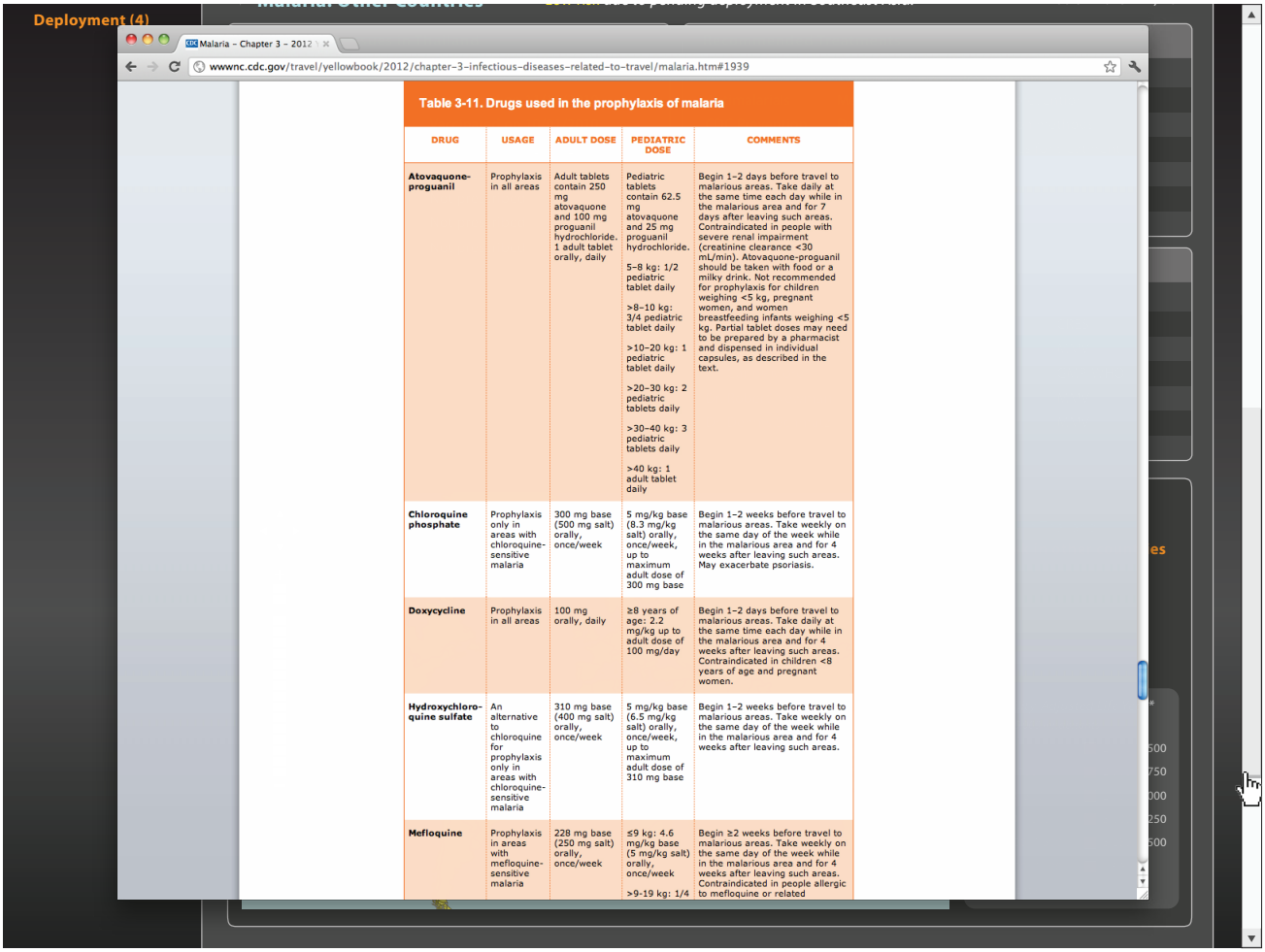
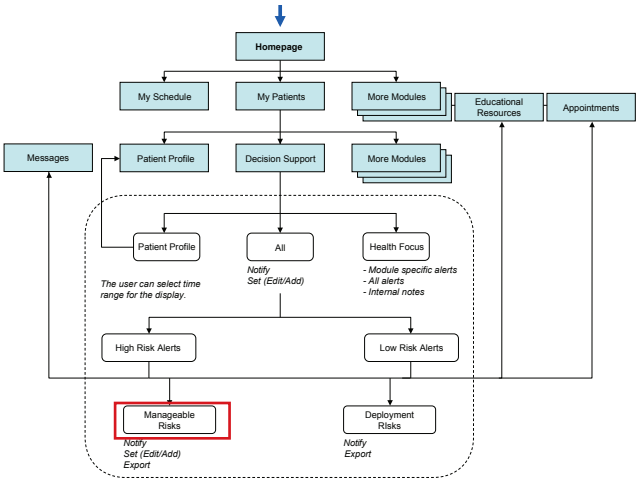


Table 3-11. Drugs used in the prophylaxis of malaria

DRUG	USAGE	ADULT DOSE	PEDIATRIC DOSE	COMMENTS
Atovaquone-proguanil	Prophylaxis in all areas	Adult tablets contain 250 mg atovaquone and 100 mg proguanil hydrochloride. 1 adult tablet orally, daily	Pediatric tablets contain 62.5 mg atovaquone and 25 mg proguanil hydrochloride. 5–8 kg: 1/2 pediatric tablet daily >8–10 kg: 3/4 pediatric tablet daily >10–20 kg: 1 pediatric tablet daily >20–30 kg: 2 pediatric tablets daily >30–40 kg: 3 pediatric tablets daily >40 kg: 1 adult tablet daily	Begin 1–2 days before travel to malarious areas. Take daily at the same time each day while in the malarious area and for 7 days after leaving such areas. Contraindicated in people with severe renal impairment (creatinine clearance <30 mL/min). Atovaquone-proguanil should be taken with food or a milky drink. Not recommended for prophylaxis for children weighing <5 kg, pregnant women, and women breastfeeding infants weighing <5 kg. Partial tablet doses may need to be prepared by a pharmacist and dispensed in individual capsules, as described in the text.
Chloroquine phosphate	Prophylaxis only in areas with chloroquine-sensitive malaria	300 mg base (500 mg salt) orally, once/week	5 mg/kg base (8.3 mg/kg salt) orally, once/week, up to maximum adult dose of 300 mg base	Begin 1–2 weeks before travel to malarious areas. Take weekly on the same day of the week while in the malarious area and for 4 weeks after leaving such areas. May exacerbate psoriasis.
Doxycycline	Prophylaxis in all areas	100 mg orally, daily	≥8 years of age: 2.2 mg/kg up to adult dose of 100 mg/day	Begin 1–2 days before travel to malarious areas. Take daily at the same time each day while in the malarious area and for 4 weeks after leaving such areas. Contraindicated in children <8 years of age and pregnant women.
Hydroxychloro-quine sulfate	An alternative to chloroquine for prophylaxis only in areas with chloroquine-sensitive malaria	310 mg base (400 mg salt) orally, once/week	5 mg/kg base (6.5 mg/kg salt) orally, once/week, up to maximum adult dose of 310 mg base	Begin 1–2 weeks before travel to malarious areas. Take weekly on the same day of the week while in the malarious area and for 4 weeks after leaving such areas.
Mefloquine	Prophylaxis in areas with mefloquine-sensitive malaria	228 mg base (250 mg salt) orally, once/week	≤9 kg: 4.6 mg/kg base (5 mg/kg salt) orally, once/week >9-19 kg: 1/4	Begin ≥2 weeks before travel to malarious areas. Take weekly on the same day of the week while in the malarious area and for 4 weeks after leaving such areas. Contraindicated in people allergic to mefloquine or related

The link is displayed in an external browser.



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Patient Search

INTRODUCTION This section of the Detailed GUI Volume documents the design of the Provider Portal's *Patient/ Patient Search* function set for the Visual Dashboard for a Patient Centered Medical Home (PCMH). The documentation includes both workflow diagrams and visual models: the workflow diagrams detail the user experience and interactions within this module, and the visual models present graphic assets and elements within this module.

The following are high-level objectives for *Patient/ Patient Search:*

- To present the list of all patients.
- To enable useful actions: sort and filter patients by various attributes such as names, ID numbers, gender, age (or age range), health conditions, etc.
- To enable the search by keywords.
- To allow providers to select patients from the patient list and search results.

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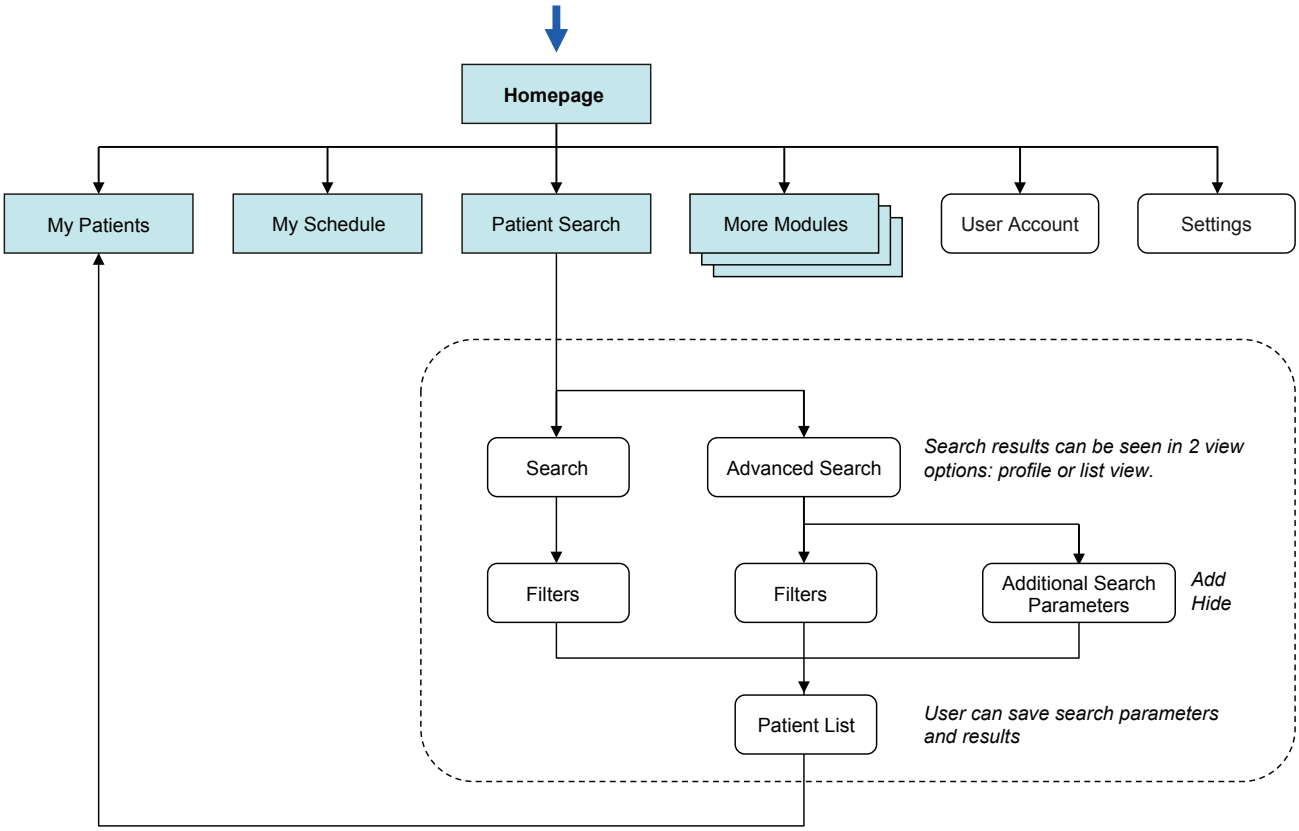
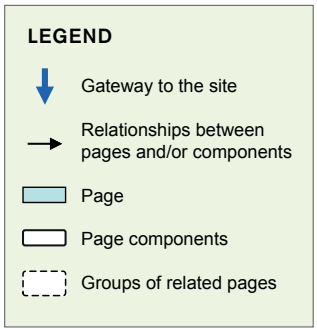
FLOWCHART FOR PATIENT SEARCH MODULE





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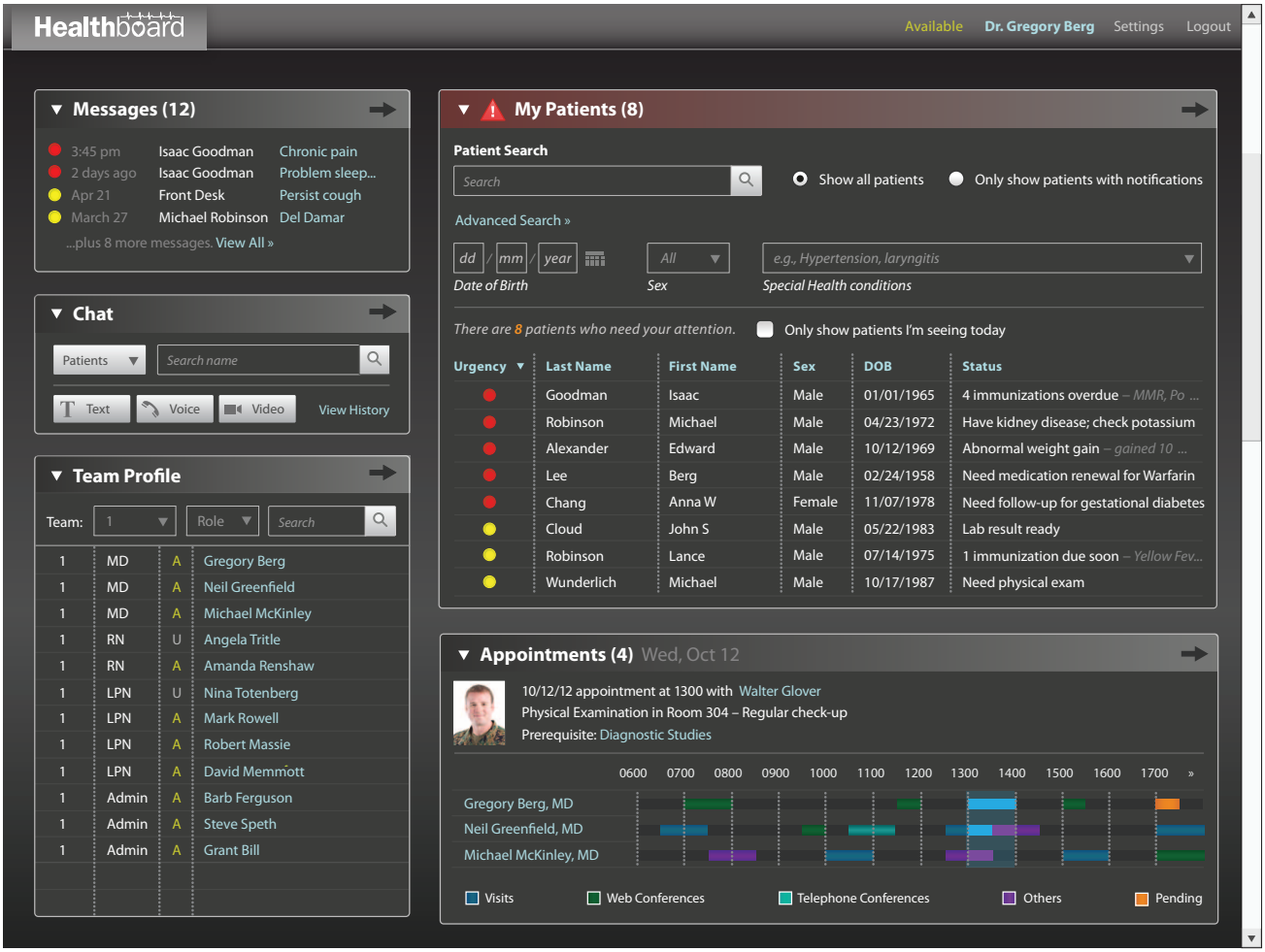
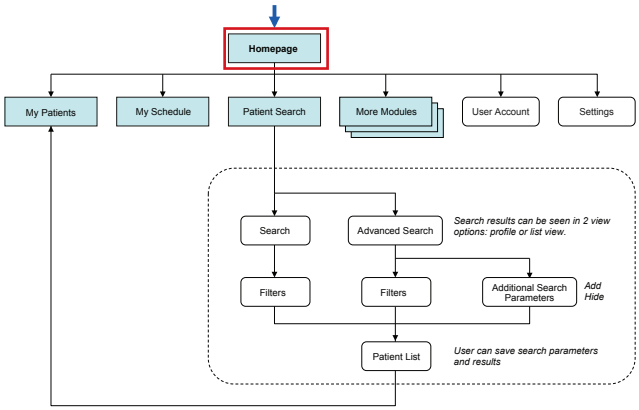
PATIENT SEARCH: HOMEPAGE



On the *Provider Portal Home,* the general information is catagorized by urgency. *Patients* widget shows a list of patients who need medical attention. By default, the patients list is sorted by urgency level. The provider can also conduct a search by patient's name, DOB (Date of Birth), sex, or special health conditions.



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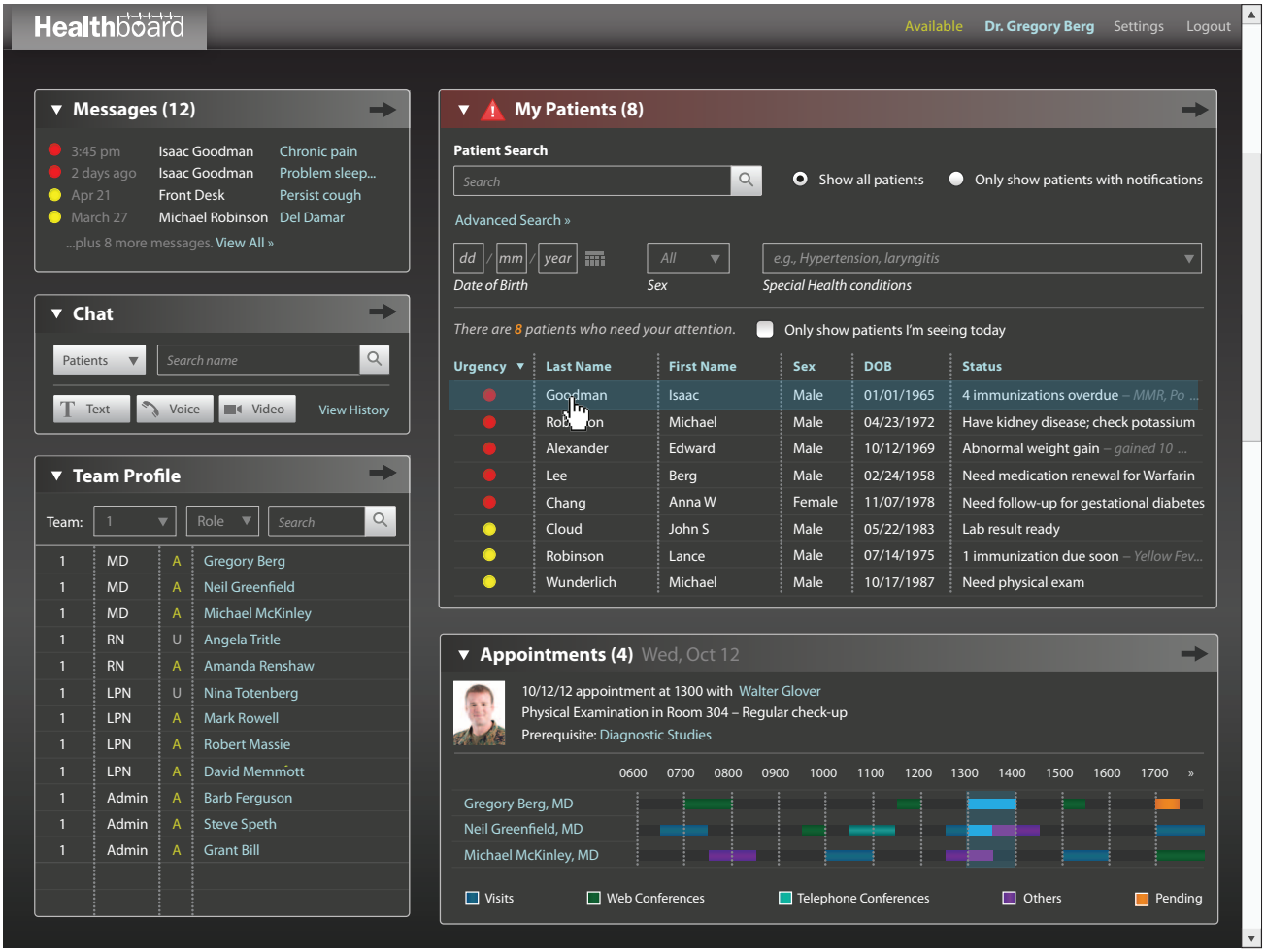
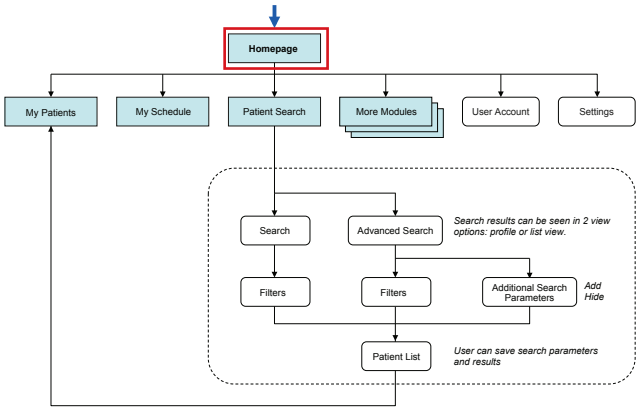
PATIENT SEARCH: HOMEPAGE



The provider can click on any of the patient within the widget display to open the selected patient's tab.



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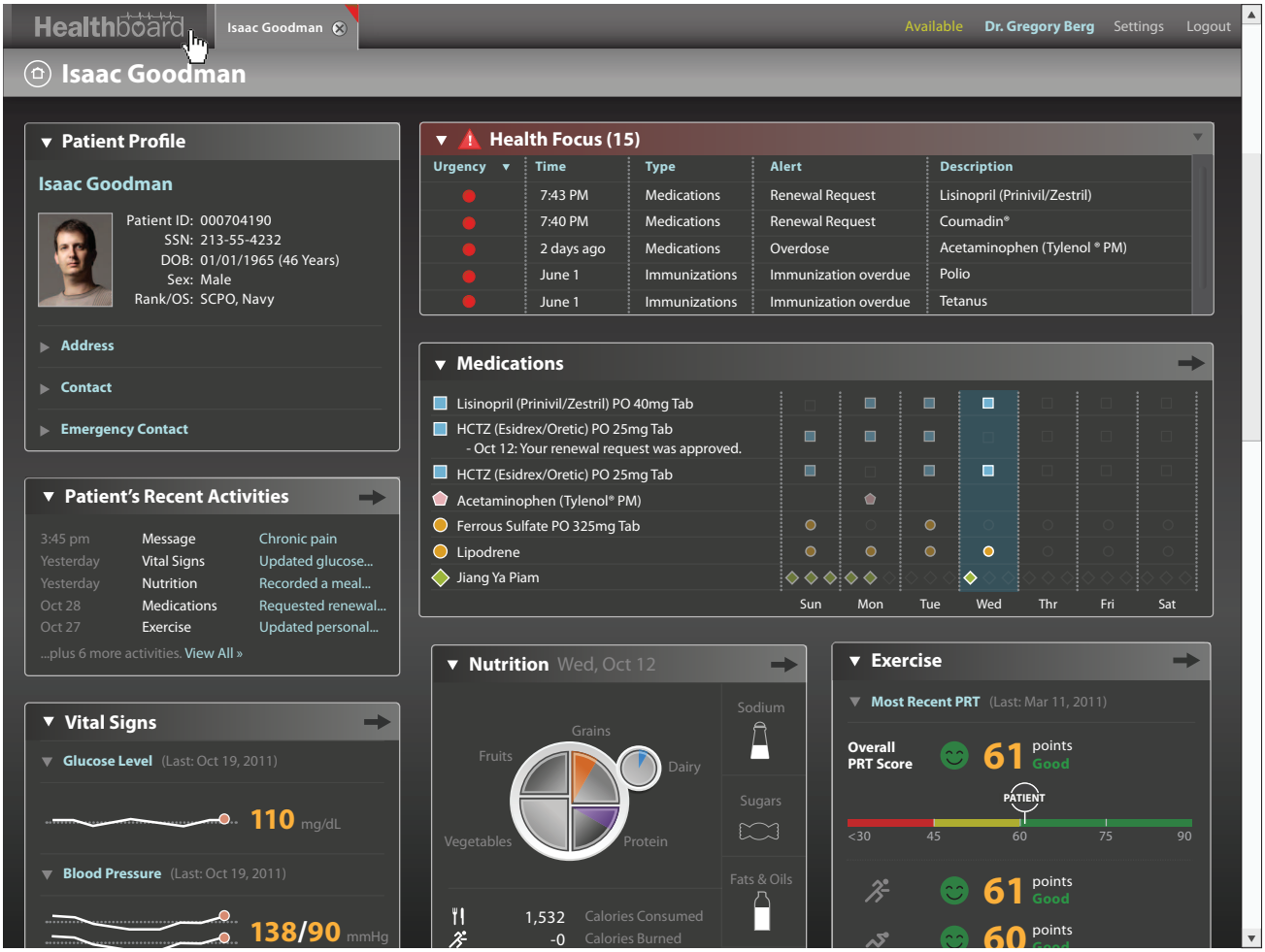
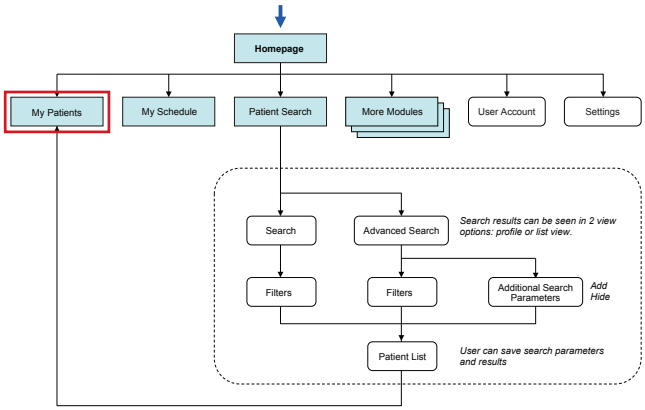
PATIENT SEARCH: PATIENT TAB



The system displays health information of the selected patient in a new tab upon a selection. The dashboard for the selected patient consists of various health records such as patient's recent activities, medications, vital signs, nutrition, exercise, medical alerts, etc. The provider can click the *HealthBoard* icon to return to the *Provider's Portal Homepage.*



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PATIENT SEARCH: HOMEPAGE

Healthboard | Isaac Goodman | Available | Dr. Gregory Berg | Settings | Logout

Messages (12)

3:45 pm	Isaac Goodman	Chronic pain
2 days ago	Isaac Goodman	Problem sleep...
Apr 21	Front Desk	Persist cough
March 27	Michael Robinson	Del Damar

...plus 8 more messages. View All »

Chat

Patients | Search name

Text | Voice | Video | View History

Team Profile

Team: 1 | Role | Search

1	MD	A	Gregory Berg
1	MD	A	Neil Greenfield
1	MD	A	Michael McKinley
1	RN	U	Angela Tritle
1	RN	A	Amanda Renshaw
1	LPN	U	Nina Totenberg
1	LPN	A	Mark Rowell
1	LPN	A	Robert Massie
1	LPN	A	David Memmott
1	Admin	A	Barb Ferguson
1	Admin	A	Steve Speth
1	Admin	A	Grant Bill

My Patients (8)

Patient Search

Search | Show all patients | Only show patients with notifications

Advanced Search »

dd / mm / year (Date of Birth) | All (Sex) | e.g., Hypertension, laryngitis (Special Health conditions)

There are 8 patients who need your attention. | Only show patients I'm seeing today

Urgency	Last Name	First Name	Sex	DOB	Status
	Goodman	Isaac	Male	01/01/1965	4 immunizations overdue – MMR, Po ...
	Robinson	Michael	Male	04/23/1972	Have kidney disease; check potassium
	Alexander	Edward	Male	10/12/1969	Abnormal weight gain – gained 10 ...
	Lee	Berg	Male	02/24/1958	Need medication renewal for Warfarin
	Chang	Anna W	Female	11/07/1978	Need follow-up for gestational diabetes
	Cloud	John S	Male	05/22/1983	Lab result ready
	Robinson	Lance	Male	07/14/1975	1 immunization due soon – Yellow Fev...
	Wunderlich	Michael	Male	10/17/1987	Need physical exam

Appointments (4) Wed, Oct 12

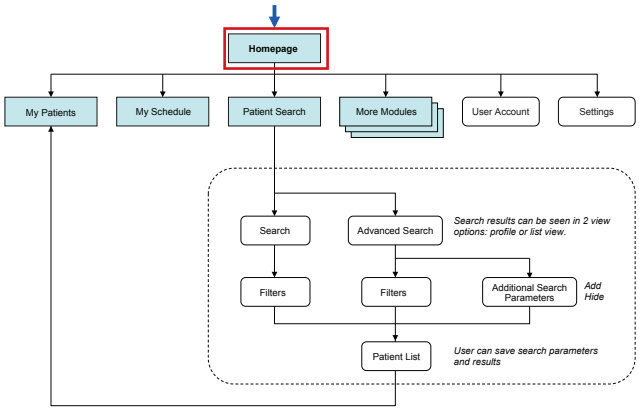
10/12/12 appointment at 1300 with Walter Glover
Physical Examination in Room 304 – Regular check-up
Prerequisite: Diagnostic Studies

0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 »

Gregory Berg, MD
Neil Greenfield, MD
Michael McKinley, MD

Visits | Web Conferences | Telephone Conferences | Others | Pending

The user clicks back to the *Provider Portal Homepage*.



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PATIENT SEARCH: SEARCH

Healthboard | Isaac Goodman | Available | Dr. Gregory Berg | Settings | Logout

Messages (12)

3:45 pm	Isaac Goodman	Chronic pain
2 days ago	Isaac Goodman	Problem sleep...
Apr 21	Front Desk	Persist cough
March 27	Michael Robinson	Del Damar

...plus 8 more messages. View All »

Chat

Patients | Search name

Text | Voice | Video | View History

Team Profile

Team: 1 | Role | Search

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1	MD	A	Neil Greenfield
1	MD	A	Michael McKinley
1	RN	U	Angela Tritle
1	RN	A	Amanda Renshaw
1	LPN	U	Nina Totenberg
1	LPN	A	Mark Rowell
1	LPN	A	Robert Massie
1	LPN	A	David Memmott
1	Admin	A	Barb Ferguson
1	Admin	A	Steve Speth
1	Admin	A	Grant Bill

My Patients (8)

Patient Search

Robinson

Show all patients | Only show patients with notifications

Advanced Search »

dd / mm / year — Date of Birth | All — Sex | e.g., Hypertension, laryngitis — Special Health conditions

There are 24 patients with Robinson. Only show patients I'm seeing today

Urgency	Last Name	First Name	Sex	DOB	Status
	Robinson	Edward	Male	01/01/1965	Abnormal weight gain – gained 10 ...
	Robinson	Berg	Male	04/23/1972	Need physical exam
	Robinson	Anna W	Male	10/12/1969	1 immunization due soon – Yellow ...
	Robinson	John S	Female	02/24/1958	Acne treatment
	Robinson	Michael	Male	11/07/1978	Need physical exam
	Robinson	Lance	Male	05/22/1983	Need medication renewal for Warfa...
	Robinson	Neil	Male	07/14/1975	Lab result ready
	Robinson	Tina	Female	10/17/1987	Need physical exam

Appointments (4) Wed, Oct 12

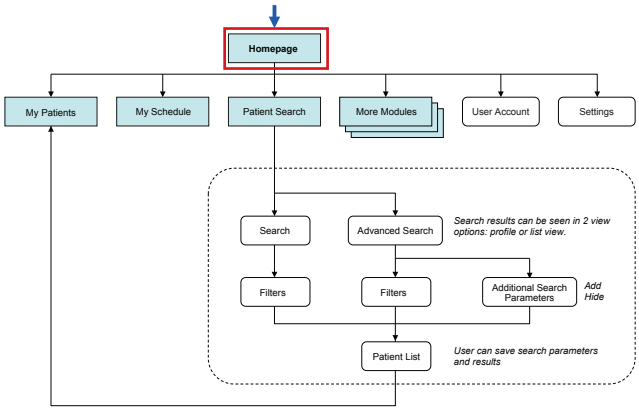
10/12/12 appointment at 1300 with Walter Glover
Physical Examination in Room 304 – Regular check-up
Prerequisite: Diagnostic Studies

0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 »

Gregory Berg, MD
Neil Greenfield, MD
Michael McKinley, MD

Visits | Web Conferences | Telephone Conferences | Others | Pending

The user can formulate the search by name. In this case, the patient is categorized by the last name "Robinson." The provider can differentiate patients by using the DOB (Date of Birth), sex, or first name.



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PATIENT SEARCH: SEARCH

Healthboard | Isaac Goodman | Available | Dr. Gregory Berg | Settings | Logout

Messages (12)

3:45 pm	Isaac Goodman	Chronic pain
2 days ago	Isaac Goodman	Problem sleep...
Apr 21	Front Desk	Persist cough
March 27	Michael Robinson	Del Damar

...plus 8 more messages. View All »

Chat

Patients | Search name

Text | Voice | Video | View History

Team Profile

Team: 1 | Role | Search

1	MD	A	Gregory Berg
1	MD	A	Neil Greenfield
1	MD	A	Michael McKinley
1	RN	U	Angela Tritle
1	RN	A	Amanda Renshaw
1	LPN	U	Nina Totenberg
1	LPN	A	Mark Rowell
1	LPN	A	Robert Massie
1	LPN	A	David Memmott
1	Admin	A	Barb Ferguson
1	Admin	A	Steve Speth
1	Admin	A	Grant Bill

My Patients (8)

Patient Search

Robinson

Show all patients | Only show patients with notifications

Advanced Search »

dd / mm / year — Date of Birth | All — Sex | e.g., Hypertension, laryngitis — Special Health conditions

There are 24 patients with Robinson. Only show patients I'm seeing today

Urgency	Last Name	First Name	Sex	DOB	Status
	Robinson	Edward	Male	01/01/1965	Abnormal weight gain – gained 10 ...
	Robinson	Berg	Male	04/23/1972	Need physical exam
	Robinson	Anna W	Male	10/12/1969	1 immunization due soon – Yellow ...
	Robinson	John S	Female	02/24/1958	Acne treatment
	Robinson	Michael	Male	11/07/1978	Need physical exam
	Robinson	Lance	Male	05/22/1983	Need medication renewal for Warfa...
	Robinson	Neil	Male	07/14/1975	Lab result ready
	Robinson	Tina	Female	10/17/1987	Need physical exam

Appointments (4) Wed, Oct 12

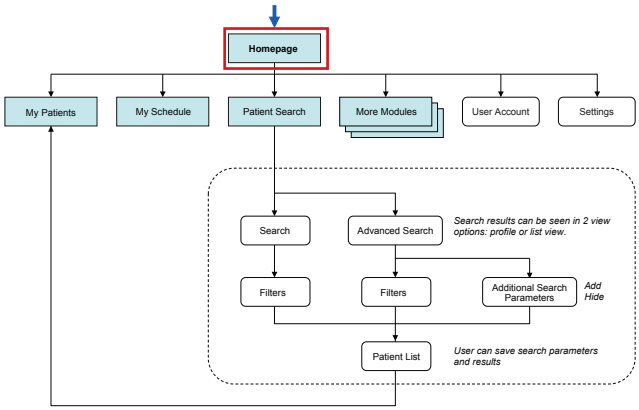
10/12/12 appointment at 1300 with Walter Glover
Physical Examination in Room 304 – Regular check-up
Prerequisite: Diagnostic Studies

0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 »

Gregory Berg, MD
Neil Greenfield, MD
Michael McKinley, MD

Visits | Web Conferences | Telephone Conferences | Others | Pending

The provider clicks on a patient: Michael Robinson.



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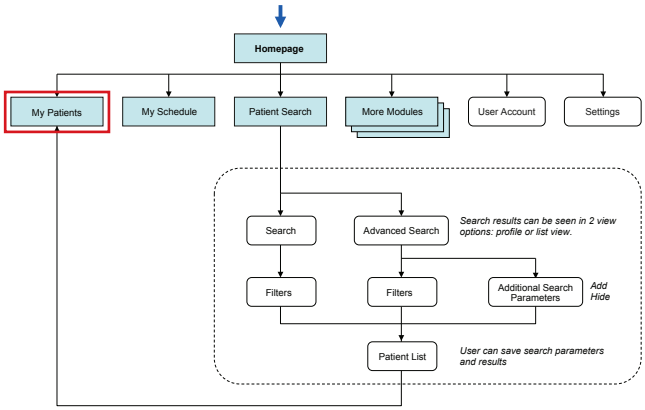
PATIENT SEARCH: PATIENT TAB

As a result, a new patient's tab opens. Since this patient does not have any urgent alerts, there is no red triangle icon on the top right corner of this patient's tab. The provider clicks the *HealthBoard* icon.



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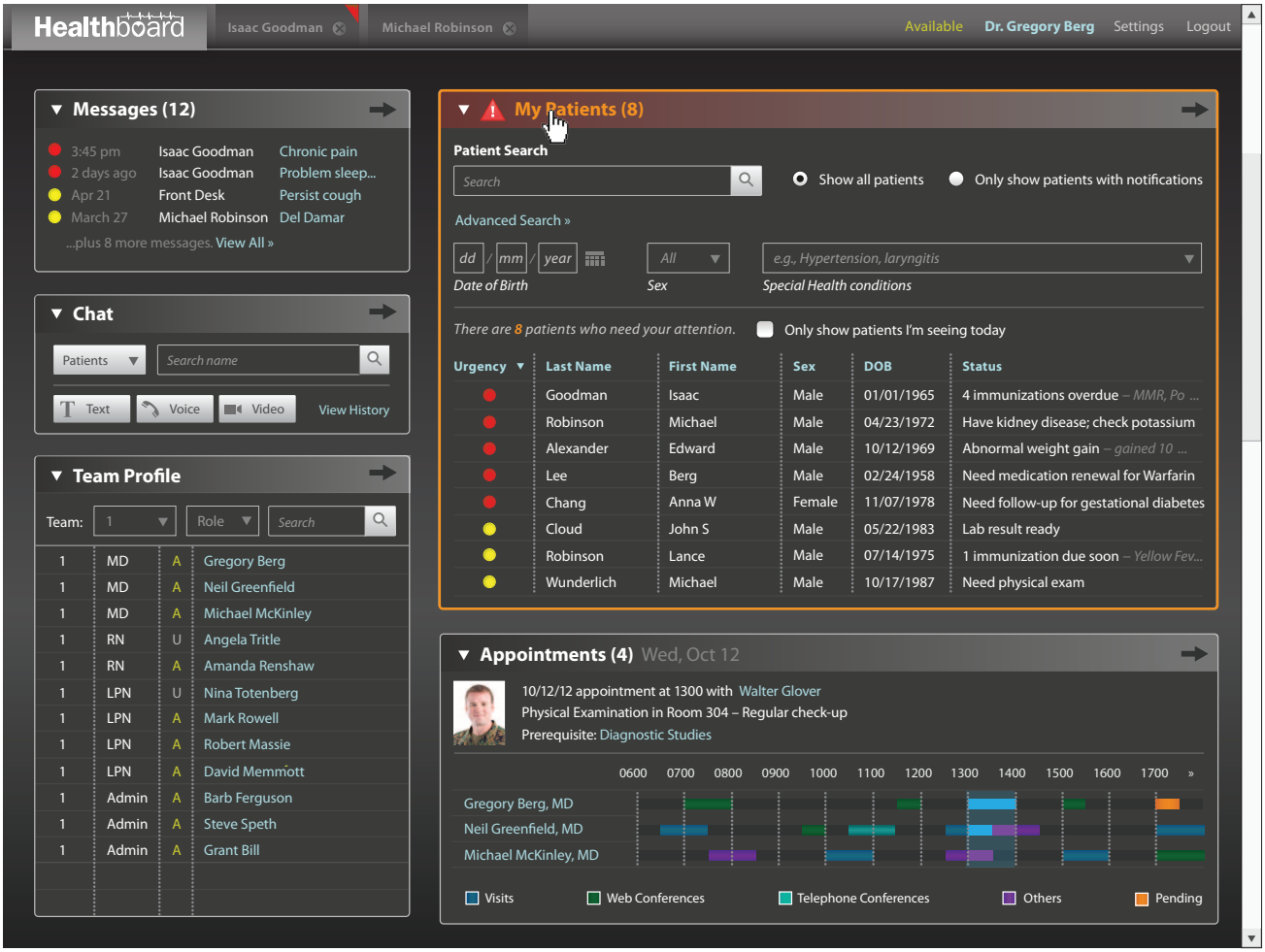
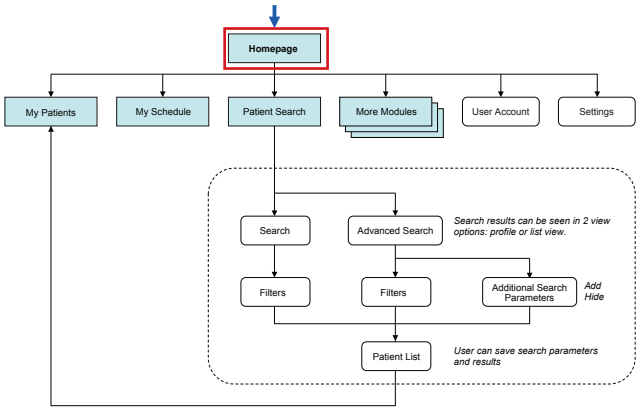
PATIENT SEARCH: HOMEPAGE



The user is back to the *Provider Portal Home* and clicks the *Patients* widget.



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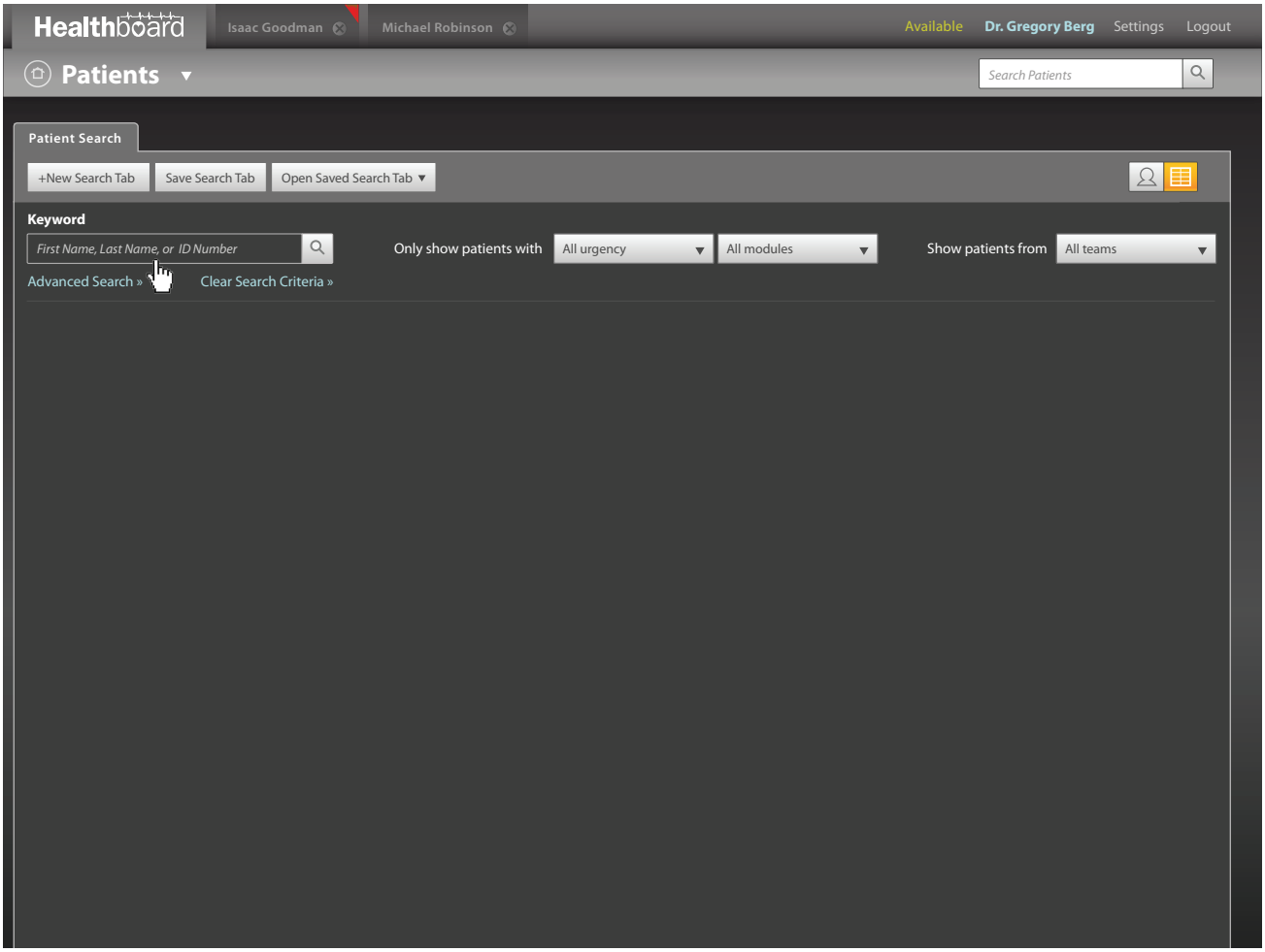
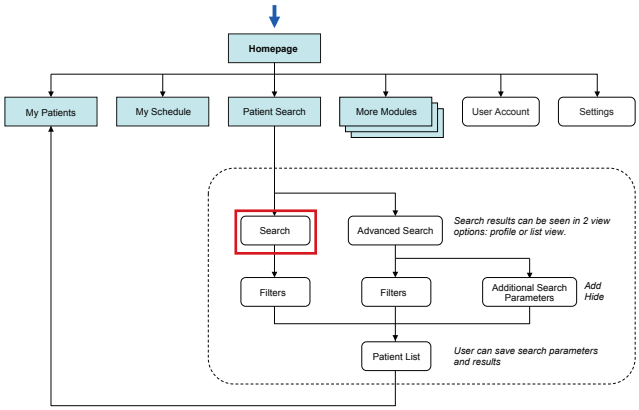
PATIENT SEARCH: NEW SEARCH



This is the landing screen for the *Patients* module. In this module, the user can run a patient search with various attributes such as name, ID number, health condition, etc.



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PATIENT SEARCH: SEARCH BY KEYWORD

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Patients ▾ | Search Patients

Patient Search

+New Search Tab | Save Search Tab | Open Saved Search Tab ▾

Keyword

Brian|

Only show patients with: All urgency ▾ | All modules ▾

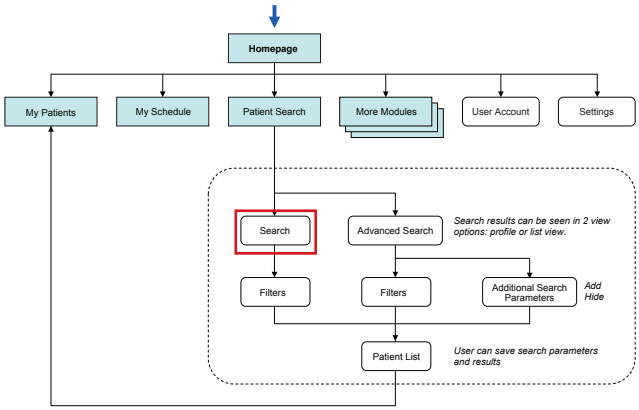
Show patients from: All teams ▾

Advanced Search » | Clear Search Criteria »

*There are **95** patients who fit your criteria.*

Urgency	ID Number	Team	Last Name ▾	First Name	Rank	Sex	Last Visit	Age	DOB	Health Conditions
●	000703190	1	Abrams	Brian	Lieutenant	Male	12/10/2011	46	01/01/1965	High cholesterol
	000706630	1	Allen	Brian	Captain	Male	09/20/2011	42	05/07/1969	Hypertension
●	000819423	1	Anton	Brian	Specialist	Male	03/25/2011	35	10/24/1976	Healthy
●	000930516	2	Cortez	Brian	Corporal	Male	05/30/2011	29	09/30/1982	Healthy
	000956152	2	Chaney	Brian	Staff Sergeant	Male	11/06/2011	31	07/15/1980	Healthy
	000984105	5	Cole	Brian	Captain	Male	01/15/2011	43	02/27/1968	Chronic kidney disease
	001040235	5	Dougan	Brian	Private First Class	Male	11/09/2011	25	06/30/1986	Healthy
	001120012	1	Dougan	Brian	Sergeant	Male	10/31/2011	37	04/02/1974	Laryngitis
	001179652	1	Esler	Brian	Major	Male	08/05/2011	54	08/25/1957	Healthy
	002661265	3	Fiddler	Brian	Ensign	Male	02/04/2011	25	01/25/1986	Healthy
●	002756422	2	Gardner	Brian	First Lieutenant	Male	09/04/2011	37	11/10/1974	Heartburn/GERD
	002984721	3	Gill	Brian	Captain	Male	12/08/2011	45	04/18/1966	Healthy
●	003653035	4	Hose	Brian	Private	Male	11/20/2011	23	12/03/1988	Knee pain
	004342865	4	Inez	Brian	Second Lieutenant	Male	10/16/2011	36	10/18/1975	Healthy
	004946610	6	Jones	Brian	Ensign	Male	12/03/2011	25	09/28/1986	Healthy
	005491436	2	Kloser	Brian	First Lieutenant	Male	12/14/2011	28	02/26/1981	Unhealthy diet
●	006055465	5	Landsman	Brian	Lieutenant Commander	Male	10/10/2011	46	10/12/1965	Obese

The user enters "Brian" and clicks the search button. The search results are displayed in the content area. The user can sort the list with attributes such as urgency level, ID number, last name, etc. An attribute used to sort the list is highlighted (e.g., Last Name).



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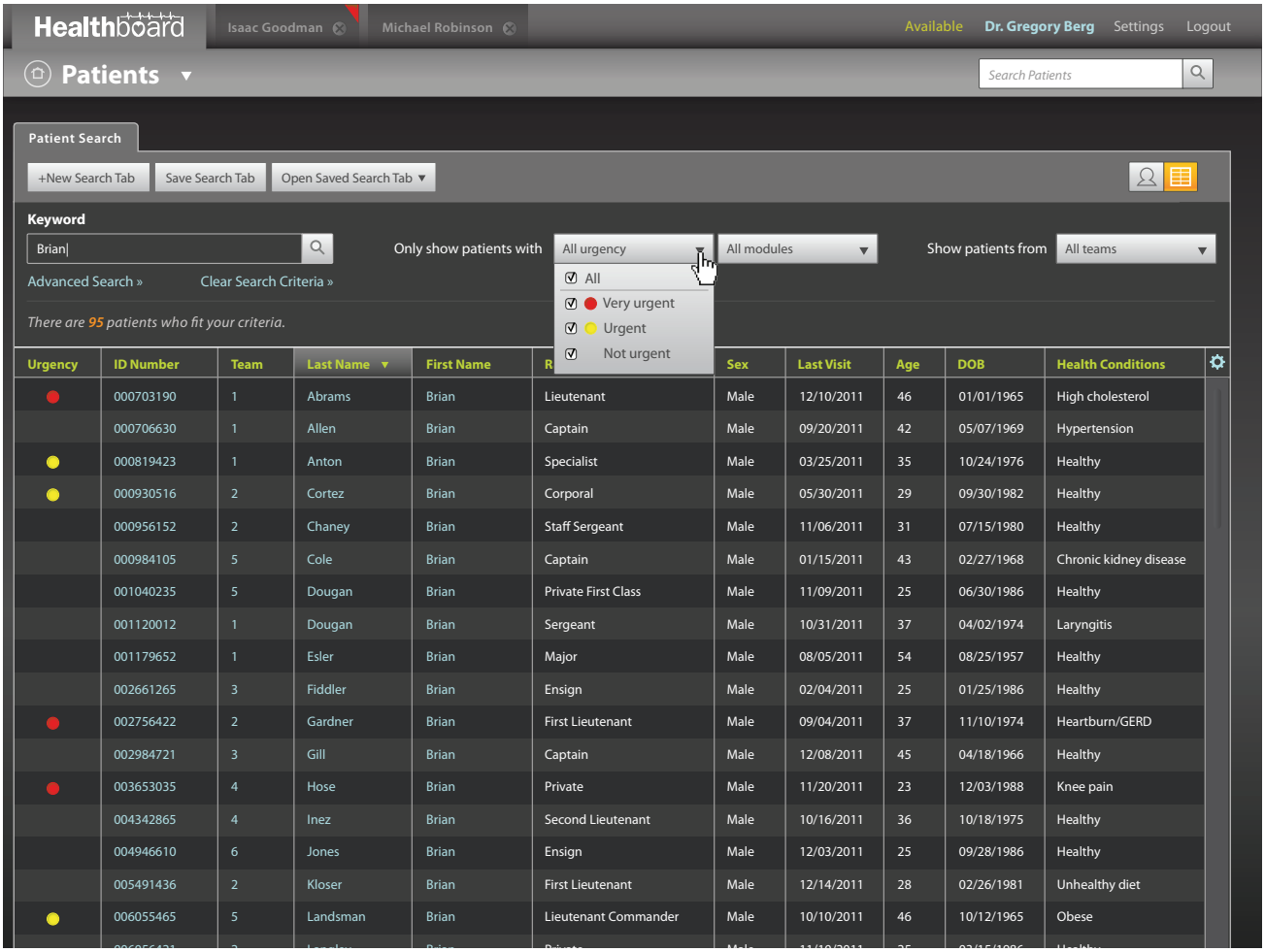
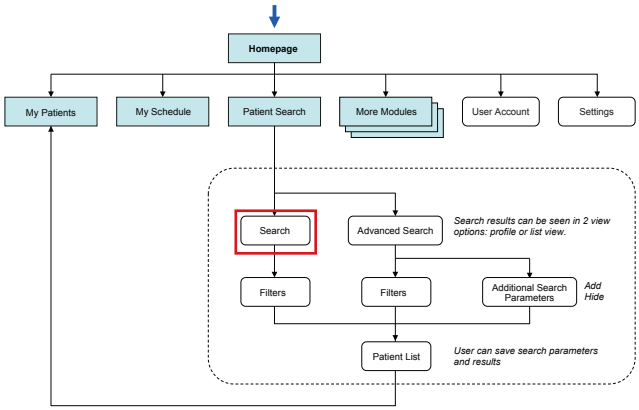
PATIENT SEARCH: FILTER SEARCH RESULTS BY URGENCY



There are multiple ways to refine search. The user can filter the search results by urgency level from a drop down menu.



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PATIENT SEARCH: FILTER SEARCH RESULTS BY MODULES

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Patients ▾ | Search Patients

Patient Search

+New Search Tab | Save Search Tab | Open Saved Search Tab ▾

Keyword: Brian

Only show patients with: All urgency | All modules | Show patients from: All teams

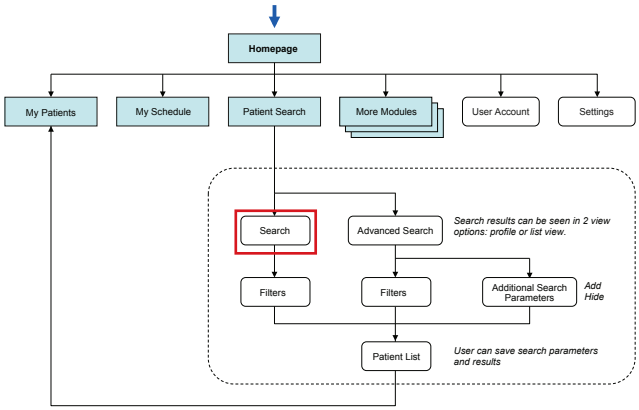
Advanced Search » | Clear Search Criteria »

- All
- Exercise
- Immunization
- Medications
- Nutrition
- Vital Signs

*There are **95** patients who fit your criteria.*

Urgency	ID Number	Team	Last Name	First Name	Rank			Age	DOB	Health Conditions
●	000703190	1	Abrams	Brian	Lieutenant			46	01/01/1965	High cholesterol
	000706630	1	Allen	Brian	Captain	Male	09/20/2011	42	05/07/1969	Hypertension
●	000819423	1	Anton	Brian	Specialist	Male	03/25/2011	35	10/24/1976	Healthy
●	000930516	2	Cortez	Brian	Corporal	Male	05/30/2011	29	09/30/1982	Healthy
	000956152	2	Chaney	Brian	Staff Sergeant	Male	11/06/2011	31	07/15/1980	Healthy
	000984105	5	Cole	Brian	Captain	Male	01/15/2011	43	02/27/1968	Chronic kidney disease
	001040235	5	Dougan	Brian	Private First Class	Male	11/09/2011	25	06/30/1986	Healthy
	001120012	1	Dougan	Brian	Sergeant	Male	10/31/2011	37	04/02/1974	Laryngitis
	001179652	1	Esler	Brian	Major	Male	08/05/2011	54	08/25/1957	Healthy
	002661265	3	Fiddler	Brian	Ensign	Male	02/04/2011	25	01/25/1986	Healthy
●	002756422	2	Gardner	Brian	First Lieutenant	Male	09/04/2011	37	11/10/1974	Heartburn/GERD
	002984721	3	Gill	Brian	Captain	Male	12/08/2011	45	04/18/1966	Healthy
●	003653035	4	Hose	Brian	Private	Male	11/20/2011	23	12/03/1988	Knee pain
	004342865	4	Inez	Brian	Second Lieutenant	Male	10/16/2011	36	10/18/1975	Healthy
	004946610	6	Jones	Brian	Ensign	Male	12/03/2011	25	09/28/1986	Healthy
	005491436	2	Kloser	Brian	First Lieutenant	Male	12/14/2011	28	02/26/1981	Unhealthy diet
●	006055465	5	Landsman	Brian	Lieutenant Commander	Male	10/10/2011	46	10/12/1965	Obese

The user can also specify modules that health condition alerts are associated with.



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FOR INFORMATION MAPPING

PATIENT SEARCH: FILTER SEARCH RESULTS BY TEAM

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Patients ▾ | Search Patients

Patient Search

+New Search Tab | Save Search Tab | Open Saved Search Tab ▾

Keyword: Brian

Only show patients with: All urgency ▾ | All modules ▾

Show patients from: All teams

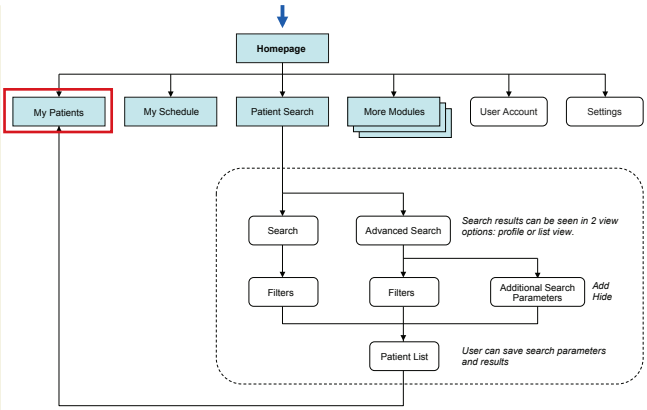
- All
- Team 1
- Team 2
- Team 3
- Team 4
- Team 5
- Team 6

Advanced Search » | Clear Search Criteria »

There are 95 patients who fit your criteria.

Urgency	ID Number	Team	Last Name ▾	First Name	Rank	Sex	Last Visit	Age	DOB	
●	000703190	1	Abrams	Brian	Lieutenant	Male	12/10/2011	46	01/01/1965	
	000706630	1	Allen	Brian	Captain	Male	09/20/2011	42	05/07/1969	
●	000819423	1	Anton	Brian	Specialist	Male	03/25/2011	35	10/24/1976	Healthy
●	000930516	2	Cortez	Brian	Corporal	Male	05/30/2011	29	09/30/1982	Healthy
	000956152	2	Chaney	Brian	Staff Sergeant	Male	11/06/2011	31	07/15/1980	Healthy
	000984105	5	Cole	Brian	Captain	Male	01/15/2011	43	02/27/1968	Chronic kidney disease
	001040235	5	Dougan	Brian	Private First Class	Male	11/09/2011	25	06/30/1986	Healthy
	001120012	1	Dougan	Brian	Sergeant	Male	10/31/2011	37	04/02/1974	Laryngitis
	001179652	1	Esler	Brian	Major	Male	08/05/2011	54	08/25/1957	Healthy
	002661265	3	Fiddler	Brian	Ensign	Male	02/04/2011	25	01/25/1986	Healthy
●	002756422	2	Gardner	Brian	First Lieutenant	Male	09/04/2011	37	11/10/1974	Heartburn/GERD
	002984721	3	Gill	Brian	Captain	Male	12/08/2011	45	04/18/1966	Healthy
●	003653035	4	Hose	Brian	Private	Male	11/20/2011	23	12/03/1988	Knee pain
	004342865	4	Inez	Brian	Second Lieutenant	Male	10/16/2011	36	10/18/1975	Healthy
	004946610	6	Jones	Brian	Ensign	Male	12/03/2011	25	09/28/1986	Healthy
	005491436	2	Kloser	Brian	First Lieutenant	Male	12/14/2011	28	02/26/1981	Unhealthy diet
●	006055465	5	Landsman	Brian	Lieutenant Commander	Male	10/10/2011	46	10/12/1965	Obese

The user can also filter patients list by medical team. For example, the user can check "Team 1" if the user wishes to see only the team's patients.



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PATIENT SEARCH: CUSTOMIZE TABLE

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Patients ▾ | Search Patients

Patient Search

+New Search Tab | Save Search Tab | Open Saved Search Tab ▾

Keyword: Brian

Advanced Search » | Clear Search Criteria »

*There are **95** patients who fit your criteria.*

Show patients from: All teams

Customize Table

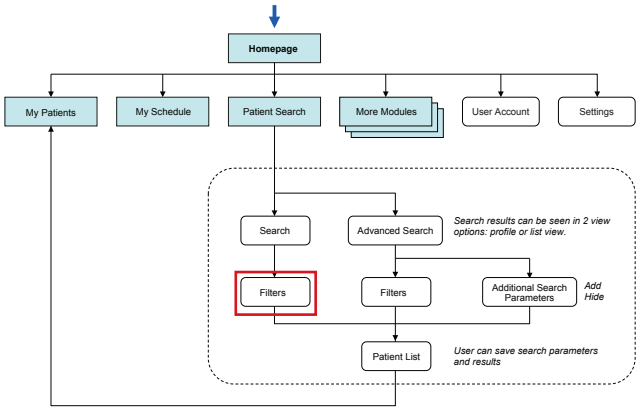
Please select the data you want displayed in the table view.

- [x] Urgency
- [ ] Photo
- [x] ID Number
- [x] Team
- [x] Last Name
- [x] First Name
- [ ] Service Branch
- [x] Rank
- [ ] Occupation
- [x] Sex
- [x] Last Visit
- [x] Age
- [x] DOB
- [ ] Blood Type
- [x] Race
- [x] Health Conditions

Add | Cancel

Urgency	ID Number	Team	Last Name				st Visit	Age	DOB	Health Conditions
●	000703190	1	Abrams				/10/2011	46	01/01/1965	High cholesterol
	000706630	1	Allen				/20/2011	42	05/07/1969	Hypertension
●	000819423	1	Anton				/25/2011	35	10/24/1976	Healthy
●	000930516	2	Cortez				/30/2011	29	09/30/1982	Healthy
	000956152	2	Chaney				/06/2011	31	07/15/1980	Healthy
	000984105	5	Cole				/15/2011	43	02/27/1968	Chronic kidney disease
	001040235	5	Dougan				/09/2011	25	06/30/1986	Healthy
	001120012	1	Dougan				/31/2011	37	04/02/1974	Laryngitis
	001179652	1	Esler				/05/2011	54	08/25/1957	Healthy
	002661265	3	Fiddler				/04/2011	25	01/25/1986	Healthy
●	002756422	2	Gardner				/04/2011	37	11/10/1974	Heartburn/GERD
	002984721	3	Gill				/08/2011	45	04/18/1966	Healthy
●	003653035	4	Hose				/20/2011	23	12/03/1988	Knee pain
	004342865	4	Inez	Brian	Second Lieutenant	Male	10/16/2011	36	10/18/1975	Healthy
	004946610	6	Jones	Brian	Ensign	Male	12/03/2011	25	09/28/1986	Healthy
	005491436	2	Kloser	Brian	First Lieutenant	Male	12/14/2011	28	02/26/1981	Unhealthy diet
●	006055465	5	Landsman	Brian	Lieutenant Commander	Male	10/10/2011	46	10/12/1965	Obese

The user can customize the table. Once user clicks "Customize Table" link, a pop up appears offering elements to display or hide.



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PATIENT SEARCH: CUSTOMIZE TABLE

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Patients

Search Patients

Patient Search

+New Search Tab | Save Search Tab | Open Saved Search Tab

Keyword

Brian

Advanced Search » Clear Search Criteria »

Show patients from All teams

*There are **95** patients who fit your criteria.*

Customize Table

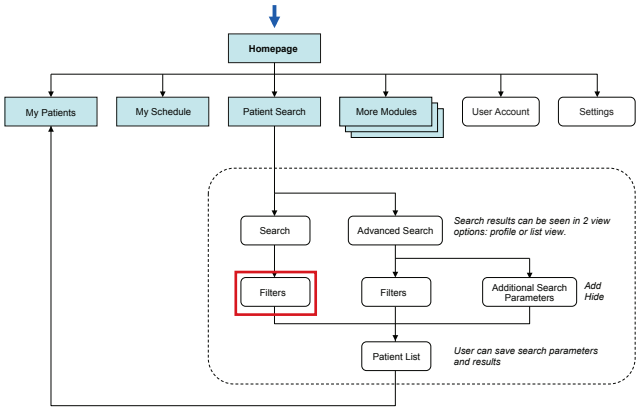
Please select the data you want displayed in the table view.

- [x] Urgency
- [ ] Photo
- [x] ID Number
- [x] Team
- [x] Last Name
- [x] First Name
- [ ] Service Branch
- [x] Rank
- [ ] Occupation
- [x] Sex
- [x] Last Visit
- [x] Age
- [x] DOB
- [ ] Blood Type
- [x] Race
- [x] Health Conditions

Add | Cancel

Urgency	ID Number	Team	Last Name				st Visit	Age	DOB	Health Conditions
●	000703190	1	Abrams				/10/2011	46	01/01/1965	High cholesterol
	000706630	1	Allen				/20/2011	42	05/07/1969	Hypertension
●	000819423	1	Anton				/25/2011	35	10/24/1976	Healthy
●	000930516	2	Cortez				/30/2011	29	09/30/1982	Healthy
	000956152	2	Chaney				/06/2011	31	07/15/1980	Healthy
	000984105	5	Cole				/15/2011	43	02/27/1968	Chronic kidney disease
	001040235	5	Dougan				/09/2011	25	06/30/1986	Healthy
	001120012	1	Dougan				/31/2011	37	04/02/1974	Laryngitis
	001179652	1	Esler				/05/2011	54	08/25/1957	Healthy
	002661265	3	Fiddler				/04/2011	25	01/25/1986	Healthy
●	002756422	2	Gardner				/04/2011	37	11/10/1974	Heartburn/GERD
	002984721	3	Gill				/08/2011	45	04/18/1966	Healthy
●	003653035	4	Hose				/20/2011	23	12/03/1988	Knee pain
	004342865	4	Inez	Brian	Second Lieutenant	Male	10/16/2011	36	10/18/1975	Healthy
	004946610	6	Jones	Brian	Ensign	Male	12/03/2011	25	09/28/1986	Healthy
	005491436	2	Kloser	Brian	First Lieutenant	Male	12/14/2011	28	02/26/1981	Unhealthy diet
●	006055465	5	Landsman	Brian	Lieutenant Commander	Male	10/10/2011	46	10/12/1965	Obese

The user can also access the table customization window from the gear menu icon shown in the top right side of the results table.



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PATIENT SEARCH: CUSTOMIZE TABLE

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Patients

Search Patients

Patient Search

+New Search Tab | Save Search Tab | Open Saved Search Tab

Keyword

Brian

Advanced Search » | Clear Search Criteria »

Show patients from | All teams

There are 95 patients who fit your criteria.

Customize Table

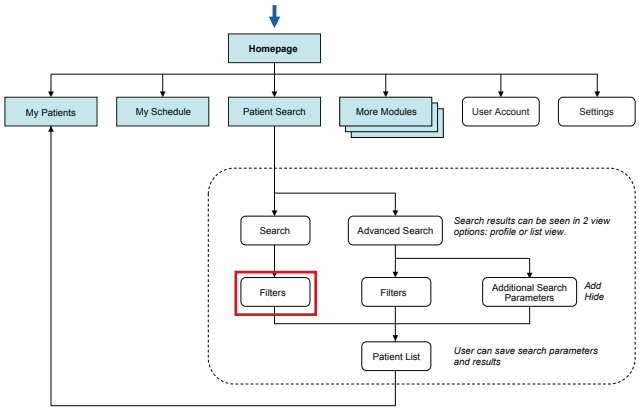
Please select the data you want displayed in the table view.

- [x] Urgency
- [x] Photo
- [x] ID Number
- [x] Team
- [x] Last Name
- [x] First Name
- [ ] Service Branch
- [x] Rank
- [ ] Occupation
- [x] Sex
- [x] Last Visit
- [x] Age
- [x] DOB
- [ ] Blood Type
- [x] Race
- [x] Health Conditions

Add | Cancel

Urgency	ID Number	Team	Last Name				st Visit	Age	DOB	Health Conditions
●	000703190	1	Abrams				/10/2011	46	01/01/1965	High cholesterol
	000706630	1	Allen				/20/2011	42	05/07/1969	Hypertension
●	000819423	1	Anton				/25/2011	35	10/24/1976	Healthy
●	000930516	2	Cortez				/30/2011	29	09/30/1982	Healthy
	000956152	2	Chaney				/06/2011	31	07/15/1980	Healthy
	000984105	5	Cole				/15/2011	43	02/27/1968	Chronic kidney disease
	001040235	5	Dougan				/09/2011	25	06/30/1986	Healthy
	001120012	1	Dougan				/31/2011	37	04/02/1974	Laryngitis
	001179652	1	Esler				/05/2011	54	08/25/1957	Healthy
	002661265	3	Fiddler				/04/2011	25	01/25/1986	Healthy
●	002756422	2	Gardner				/04/2011	37	11/10/1974	Heartburn/GERD
	002984721	3	Gill				/08/2011	45	04/18/1966	Healthy
●	003653035	4	Hose				/20/2011	23	12/03/1988	Knee pain
	004342865	4	Inez	Brian	Second Lieutenant	Male	10/16/2011	36	10/18/1975	Healthy
	004946610	6	Jones	Brian	Ensign	Male	12/03/2011	25	09/28/1986	Healthy
	005491436	2	Kloser	Brian	First Lieutenant	Male	12/14/2011	28	02/26/1981	Unhealthy diet
●	006055465	5	Landsman	Brian	Lieutenant Commander	Male	10/10/2011	46	10/12/1965	Obese

In this screen the user clicks to add the category "Photo."



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PATIENT SEARCH: CUSTOMIZE TABLE

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Patients ▾ | Search Patients

Patient Search

+New Search Tab | Save Search Tab | Open Saved Search Tab ▾

Keyword: Brian

Only show patients with: All urgency | All modules

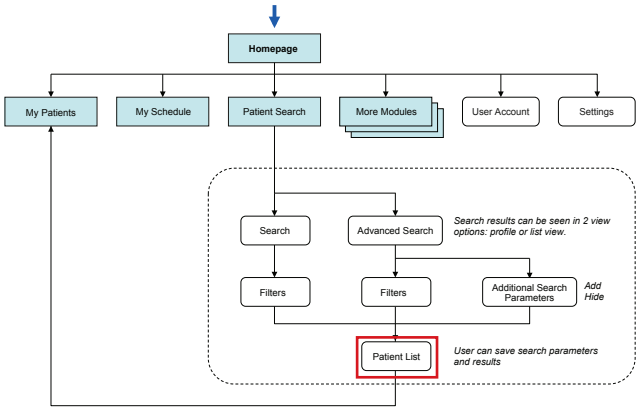
Show patients from: All teams

Advanced Search » | Clear Search Criteria »

*There are **95** patients who fit your criteria.*

Urgency	Photo	ID Number	Team	Last Name ▾	First Name	Sex	Last Visit	Age	DOB	Health Conditions
●		000703190	1	Abrams	Brian	Male	12/10/2011	46	01/01/1965	High cholesterol
		000706630	1	Allen	Brian	Male	09/20/2011	42	05/07/1969	Hypertension
●		000819423	1	Anton	Brian	Male	03/25/2011	35	10/24/1976	Healthy
●		000930516	2	Cortez	Brian	Male	05/30/2011	29	09/30/1982	Healthy
		000956152	2	Chaney	Brian	Male	11/06/2011	31	07/15/1980	Healthy
		000984105	5	Cole	Brian	Male	01/15/2011	43	02/27/1968	Chronic kidney disease

A column showing patient's photo identification appears in the table.



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PATIENT SEARCH: PROFILE VIEW

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Patients ▾ | Search Patients

Patient Search

+New Search Tab | Save Search Tab | Open Saved Search Tab ▾

Keyword: Brian

Only show patients with: All urgency ▾ | All modules ▾ | Show patients from: All teams ▾

Advanced Search » | Clear Search Criteria »

There are 95 patients who fit your criteria.

Sort by Urgency
Sort by Patient ID
Sort by Last Name
Sort by First Name
Sort by DOB
Sort by Age
Sort by Rank
Sort by Service Branch
Sort by Sex
Sort by Blood Type
Sort by Last Visit

Brian Abrams
Brian Allen
Brian Anton
Brian Cortez
Brian Chaney
Brian Cole
Brian Dougan
Brian Dougan
Brian Esler
Brian Fiddler
Brian Gardner
Brian Gill
Brian Hose
Brian Inez
Brian Jones
Brian Kloser
Brian Landsman
Brian Langley
Brian Leaf
Brian Lentz
Brian Luther
Brian Maddox
Brian Manning
Brian Maxwell
Brian McIntyre
Brian Mocker
Brian Niewland
Brian Nydam
Brian Oaks

Patient Profile
Brian Abrams
Patient ID: 000703190
SSN: 213-42-1111
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank: LT, Navy

Patient Profile
Brian Allen
Patient ID: 000706630
SSN: 213-45-7898
DOB: 05/07/1969 (42 Years)
Sex: Male
Rank: CAPT, Navy

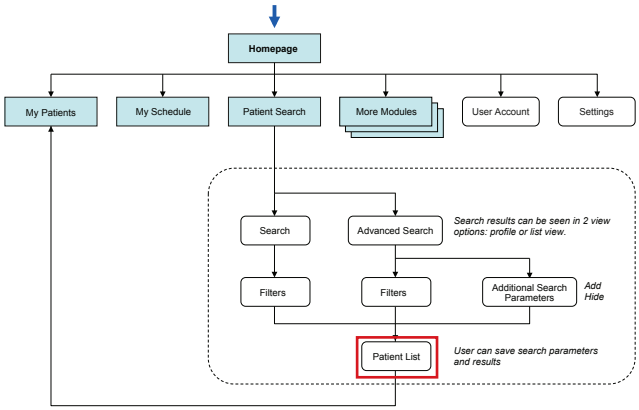
Patient Profile
Brian Anton
Patient ID: 000819423
SSN: 413-22-4562
DOB: 10/24/1976 (35 Years)
Sex: Male
Rank: SPC, Army

Patient Profile
Brian Cortez
Patient ID: 000930516
SSN: 152-75-3182
DOB: 09/30/1982 (29 Years)
Sex: Male
Rank: CPL, Army

Patient Profile
Brian Chaney
Patient ID: 000956152
SSN: 167-52-8752
DOB: 07/15/1980 (31 Years)
Sex: Male

Patient Profile
Brian Cole
Patient ID: 000984105
SSN: 515-12-4235
DOB: 02/27/1968 (46 Years)
Sex: Male

The user can view search results in a profile view by clicking the button located on the top right in the action bar. The provider can access patient's profile by clicking the individual's name or panel. The provider can select an attribute to sort the list in the left column.



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PATIENT SEARCH: ADVANCED SEARCH

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Patients ▾ | Search Patients

Patient Search

+New Search Tab | Save Search Tab | Open Saved Search Tab ▾

Keyword: Brian

Only show patients with: All urgency ▾ | All modules ▾ | Show patients from: All teams ▾

Advanced Search » | Clear Search Criteria »

There are 95 patients who fit your criteria.

Sort by Urgency
Sort by Patient ID
Sort by Last Name
Sort by First Name
Sort by DOB
Sort by Age
Sort by Rank
Sort by Service Branch
Sort by Sex
Sort by Blood Type
Sort by Last Visit

Brian Abrams
Brian Allen
Brian Anton
Brian Cortez
Brian Chaney
Brian Cole
Brian Dougan
Brian Dougan
Brian Esler
Brian Fiddler
Brian Gardner
Brian Gill
Brian Hose
Brian Inez
Brian Jones
Brian Kloser
Brian Landsman
Brian Langley
Brian Leaf
Brian Lentz
Brian Luther
Brian Maddox
Brian Manning
Brian Maxwell
Brian McIntyre
Brian Mocker
Brian Niewland
Brian Nydam
Brian Oaks

Patient Profile
Brian Abrams
Patient ID: 000703190
SSN: 213-42-1111
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank: LT, Navy

Patient Profile
Brian Allen
Patient ID: 000706630
SSN: 213-45-7898
DOB: 05/07/1969 (42 Years)
Sex: Male
Rank: CAPT, Navy

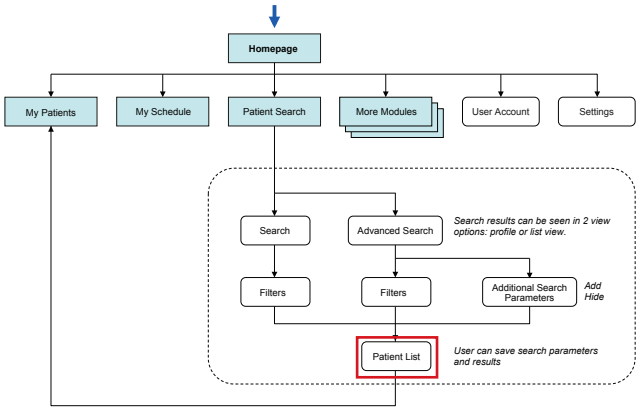
Patient Profile
Brian Anton
Patient ID: 000819423
SSN: 413-22-4562
DOB: 10/24/1976 (35 Years)
Sex: Male
Rank: SPC, Army

Patient Profile
Brian Cortez
Patient ID: 000930516
SSN: 152-75-3182
DOB: 09/30/1982 (29 Years)
Sex: Male
Rank: CPL, Army

Patient Profile
Brian Chaney
Patient ID: 000956152
SSN: 167-52-8752
DOB: 07/15/1980 (31 Years)
Sex: Male

Patient Profile
Brian Cole
Patient ID: 000984105
SSN: 515-12-4235
DOB: 02/27/1968 (46 Years)
Sex: Male

The user conduct advanced search by clicking the link under the search bar. “Advanced Search” allows the user to filter his search using specific parameters in order for the user to receive better search results.



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PATIENT SEARCH: ADVANCED SEARCH

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Patients ▾ | Search Patients

Patient Search

+New Search Tab | Save Search Tab | Open Saved Search Tab ▾

Keyword: Brian

Only show patients with: All urgency ▾ | All modules ▾

Show patients from: All teams ▾

Cancel Advance Search » | Clear Search Criteria »

Show 8 Search Parameters ▾

e.g., Arthur Adams — First and/or last name

dd / mm / year — Date of Birth

All — Sex

From ## to ## — Age or Age Range

All — Family Prefix

######### — ID Number

- ## - #### — Patient's SSN

- ## - #### — Sponsor's SSN

Search | Clear Search

There are 95 patients who fit your criteria.

Sort by Urgency
Sort by Patient ID
Sort by Last Name
Sort by First Name
Sort by DOB
Sort by Age
Sort by Rank
Sort by Service Branch
Sort by Sex
Sort by Blood Type

Brian Abrams
Brian Allen
Brian Anton
Brian Cortez
Brian Chaney
Brian Cole
Brian Dougan
Brian Dougan
Brian Esler
Brian Fiddler
Brian Gardner
Brian Gill
Brian Hose
Brian Inez
Brian Jones
Brian Kloser
Brian Landsman

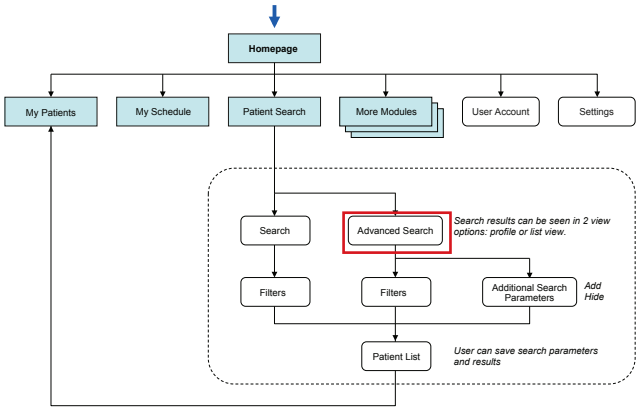
Patient Profile
Brian Abrams
Patient ID: 000703190
SSN: 213-42-1111
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank: LT, Navy

Patient Profile
Brian Allen
Patient ID: 000706630
SSN: 213-45-7898
DOB: 05/07/1969 (42 Years)
Sex: Male
Rank: CAPT, Navy

Patient Profile
Brian Anton
Patient ID: 000819423
SSN: 413-22-4562
DOB: 10/24/1976 (35 Years)

Patient Profile
Brian Cortez
Patient ID: 000930516
SSN: 152-75-3182
DOB: 09/30/1982 (29 Years)

Once the user clicks the advanced search link, a panel slides down, offering more search options to further refine the search results.



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PATIENT SEARCH: ADVANCED SEARCH

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Patients ▾ | Search Patients

Patient Search

+New Search Tab | Save Search Tab | Open Saved Search Tab ▾

Keyword: Brian

Only show patients with: All urgency ▾ | All modules ▾

Show patients from: All teams ▾

Cancel Advance Search » | Clear Search Criteria »

Show 8 Search Parameters ▾

e.g., Arthur Adams — First and/or last name

dd / mm / year — Date of Birth

All — Sex

From 25 to 45 — Age or Age range

All — Family Prefix

######### — ID Number

- ## - #### — Patient's SSN

- ## - #### — Sponsor's SSN

Search | Clear Search

There are 95 patients who fit your criteria.

Sort by Urgency
Sort by Patient ID
Sort by Last Name
Sort by First Name
Sort by DOB
Sort by Age
Sort by Rank
Sort by Service Branch
Sort by Sex
Sort by Blood Type

Brian Abrams
Brian Allen
Brian Anton
Brian Cortez
Brian Chaney
Brian Cole
Brian Dougan
Brian Dougan
Brian Esler
Brian Fiddler
Brian Gardner
Brian Gill
Brian Hose
Brian Inez
Brian Jones
Brian Kloser
Brian Landsman

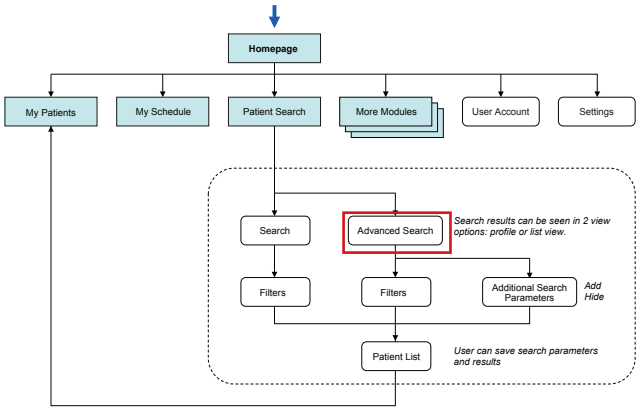
Patient Profile
Brian Abrams
Patient ID: 000703190
SSN: 213-42-1111
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank: LT, Navy

Patient Profile
Brian Allen
Patient ID: 000706630
SSN: 213-45-7898
DOB: 05/07/1969 (42 Years)
Sex: Male
Rank: CAPT, Navy

Patient Profile
Brian Anton
Patient ID: 000819423
SSN: 413-22-4562
DOB: 10/24/1976 (35 Years)

Patient Profile
Brian Cortez
Patient ID: 000930516
SSN: 152-75-3182
DOB: 09/30/1982 (29 Years)

The user enters numeric values for age range.



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PATIENT SEARCH: ADVANCED SEARCH

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Patients ▾ | Search Patients

Patient Search

+New Search Tab | Save Search Tab | Open Saved Search Tab ▾

Keyword: Brian

Only show patients with: All urgency ▾ | All modules ▾

Show patients from: All teams ▾

Cancel Advance Search » | Clear Search Criteria »

Show 8 Search Parameters ▾

e.g., Arthur Adams — First and/or last name

dd / mm / year — Date of Birth

All — Sex

From 25 to 45 — Age or Age range

All — Family Prefix

######### — ID Number

- ## - #### — Patient's SSN

- ## - #### — Sponsor's SSN

Search | Clear Search

There are 95 patients who fit your criteria.

Sort by Urgency
Sort by Patient ID
Sort by Last Name
Sort by First Name
Sort by DOB
Sort by Age
Sort by Rank
Sort by Service Branch
Sort by Sex
Sort by Blood Type

Brian Abrams
Brian Allen
Brian Anton
Brian Cortez
Brian Chaney
Brian Cole
Brian Dougan
Brian Dougan
Brian Esler
Brian Fiddler
Brian Gardner
Brian Gill
Brian Hose
Brian Inez
Brian Jones
Brian Kloser
Brian Landsman

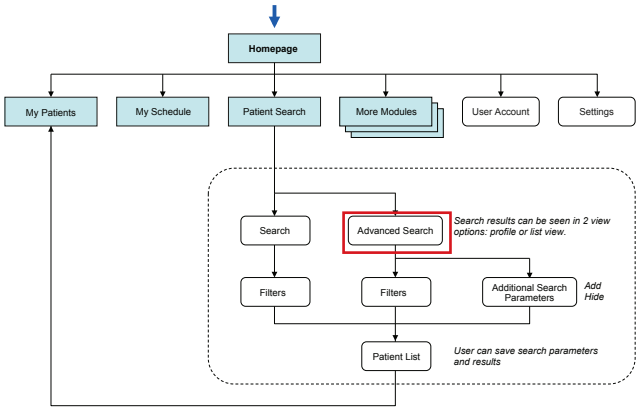
Patient Profile
Brian Abrams
Patient ID: 000703190
SSN: 213-42-1111
DOB: 01/01/1965 (46 Years)
Sex: Male
Rank: LT, Navy

Patient Profile
Brian Allen
Patient ID: 000706630
SSN: 213-45-7898
DOB: 05/07/1969 (42 Years)
Sex: Male
Rank: CAPT, Navy

Patient Profile
Brian Anton
Patient ID: 000819423
SSN: 413-22-4562
DOB: 10/24/1976 (35 Years)

Patient Profile
Brian Cortez
Patient ID: 000930516
SSN: 152-75-3182
DOB: 09/30/1982 (29 Years)

The user clicks "Search" button.



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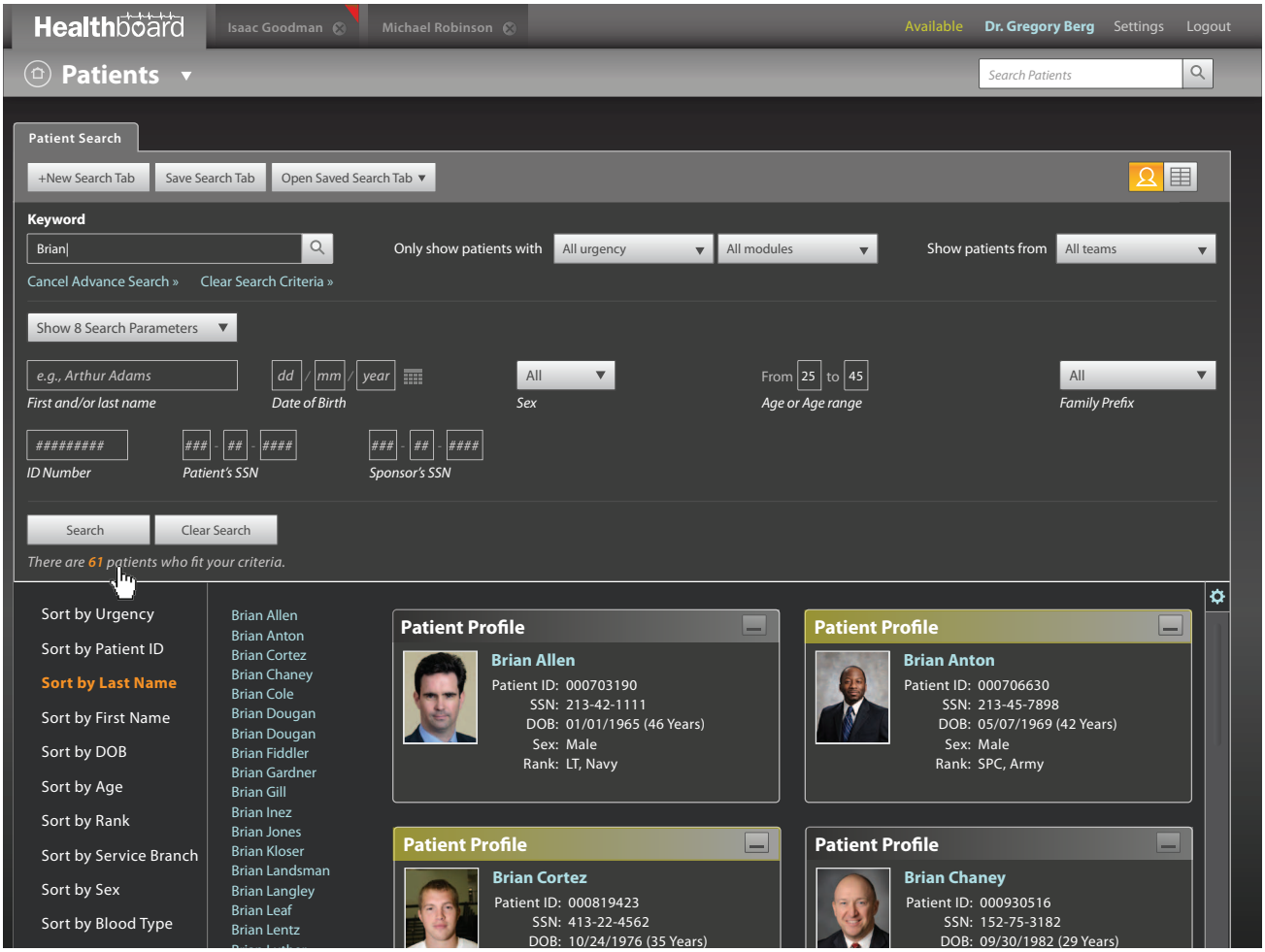
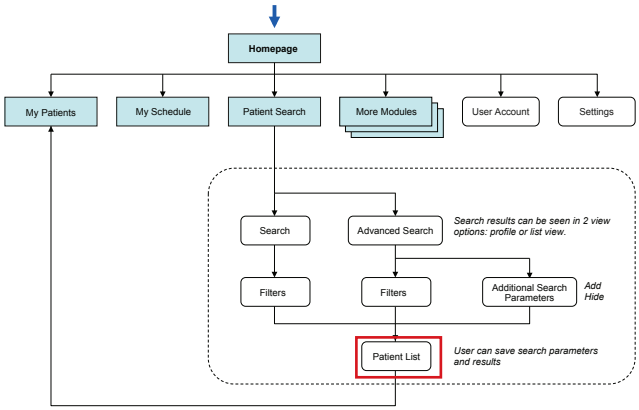
PATIENT SEARCH: ADVANCED SEARCH



The user sees refined search results in display.



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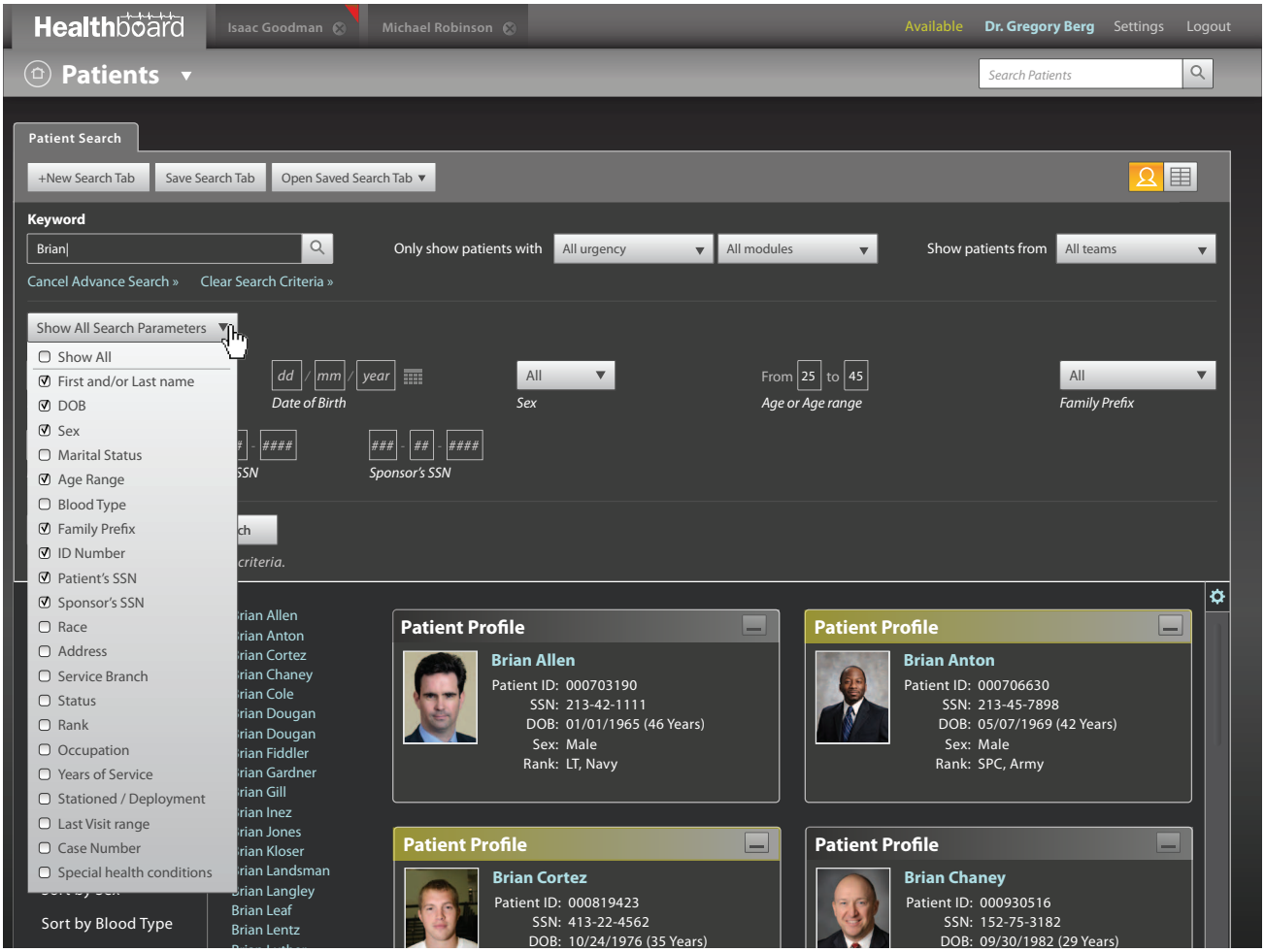
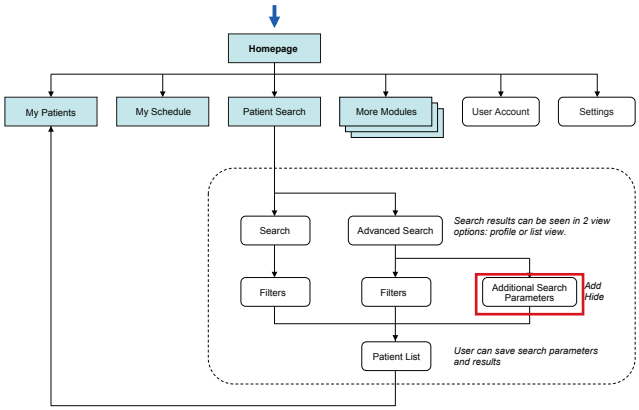


The user can customize search parameters for advanced search. The user can access list of available parameters from drop down menu.



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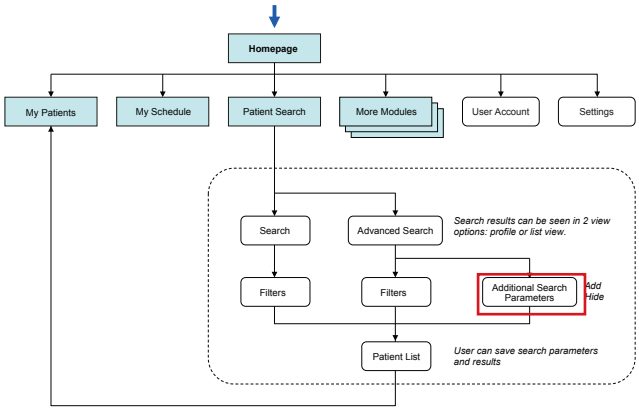
PATIENT SEARCH: ADVANCED SEARCH

The user checks “Show All” option.



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PATIENT SEARCH: ADVANCED SEARCH

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Patients ▾ | Search Patients

Patient Search

+New Search Tab | Save Search Tab | Open Saved Search Tab ▾

Keyword: Brian

Only show patients with: All urgency ▾ | All modules ▾

Show patients from: All teams ▾

Cancel Advance Search » | Clear Search Criteria »

Show All Search Parameters ▾

e.g., Arthur Adams First and/or last name	dd / mm / year Date of Birth	All Sex	All Marital Status	From 25 to 45 Age or Age range	All Blood type	All Family Prefix
######### ID Number	### - ## - #### Patient's SSN	### - ## - #### Sponsor's SSN	All Race	e.g., 8901 Wisconsin Avenue, Bethesda, MD Address		
All Service Branch	Commissioned and non-com ▾ Status	e.g., Sergeant Rank	e.g., Infantry Occupation			
From dd / mm / year to dd / mm / year Years of Service or Deployment range		e.g., Fort Bragg or Afghanistan Stationed at or Deployment Area				
From dd / mm / year to dd / mm / year Last Visit or Last Visit range		######### Case Number	e.g., Hypertension, laryngitis Special health conditions			

Search | Clear Search

There are 61 patients who fit your criteria.

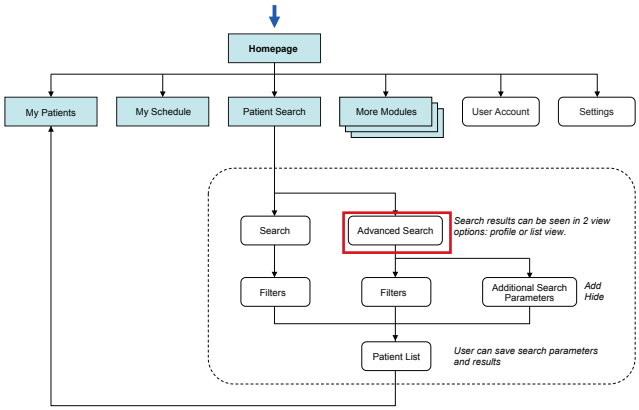
Sort by Urgency
Sort by Patient ID
Sort by Last Name
Sort by First Name

Brian Allen
Brian Anton
Brian Cortez
Brian Chaney
Brian Cole
Brian Dougan
Brian Dougan

Patient Profile
Brian Allen
Patient ID: 000703190
SSN: 213-42-1111
DOB: 01/01/1965 (46 Years)

Patient Profile
Brian Anton
Patient ID: 000706630
SSN: 213-45-7898
DOB: 05/07/1969 (42 Years)

This screen shows an instance of when all search parameters are selected.



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PATIENT SEARCH: ADVANCED SEARCH

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Patients ▼ | Search Patients

Patient Search

+New Search Tab | Save Search Tab | Open Saved Search Tab ▼

Keyword: Brian

Only show patients with: All urgency ▼ | All modules ▼

Show patients from: All teams ▼

Cancel Advance Search » | Clear Search Criteria »

Show All Search Parameters ▼

e.g., Arthur Adams — First and/or last name

dd / mm / year — Date of Birth

All ▼ (All / Male / Female) — Race

All ▼ — Marital Status

From 25 to 45 — Age or Age range

All ▼ — Blood type

All ▼ — Family Prefix

######### — ID Number

- ## - #### — Patient's SSN

- ## - #### — Sponsor's SSN

e.g., 8901 Wisconsin Avenue, Bethesda, MD — Address

All ▼ — Service Branch

Commissioned and non-com ▼ — Status

e.g., Sergeant — Rank

e.g., Infantry — Occupation

From dd / mm / year to dd / mm / year — Years of Service or Deployment range

e.g., Fort Bragg or Afghanistan — Stationed at or Deployment Area

From dd / mm / year to dd / mm / year — Last Visit or Last Visit range

######### — Case Number

e.g., Hypertension, laryngitis — Special health conditions

Search | Clear Search

There are 61 patients who fit your criteria.

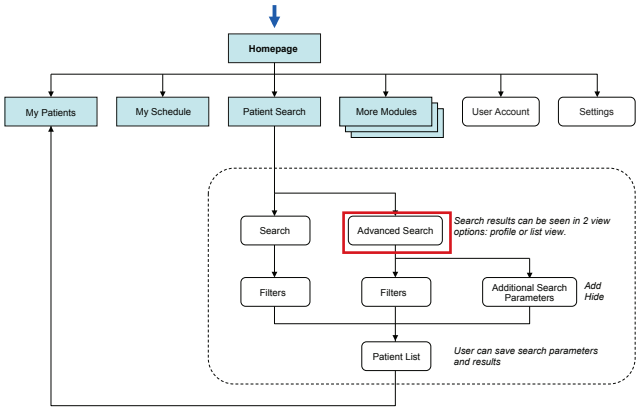
Sort by Urgency
Sort by Patient ID
Sort by Last Name
Sort by First Name

Brian Allen
Brian Anton
Brian Cortez
Brian Chaney
Brian Cole
Brian Dougan
Brian Dougan

Patient Profile
Brian Allen
Patient ID: 000703190
SSN: 213-42-1111
DOB: 01/01/1965 (46 Years)

Patient Profile
Brian Anton
Patient ID: 000706630
SSN: 213-45-7898
DOB: 05/07/1969 (42 Years)

This screen shows a drop down menu for *Sex*.



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PATIENT SEARCH: ADVANCED SEARCH

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Patients ▾ | Search Patients

Patient Search

+New Search Tab | Save Search Tab | Open Saved Search Tab ▾

Keyword: Brian

Only show patients with: All urgency ▾ | All modules ▾

Show patients from: All teams ▾

Cancel Advance Search » | Clear Search Criteria »

Show All Search Parameters ▾

e.g., Arthur Adams — First and/or last name

dd / mm / year — Date of Birth

All ▾ — Sex

All ▾ — Race
- All
- Single
- Married

From 25 to 45 — Age or Age range

All ▾ — Blood type

All ▾ — Family Prefix

######### — ID Number

- ## - #### — Patient's SSN

- ## - #### — Sponsor's SSN

e.g., 8901 Wisconsin Avenue, Bethesda, MD — Address

All ▾ — Service Branch

Commissioned and non-com ▾ — Status

e.g., Sergeant — Rank

e.g., Infantry — Occupation

From dd / mm / year to dd / mm / year — Years of Service or Deployment range

e.g., Fort Bragg or Afghanistan — Stationed at or Deployment Area

From dd / mm / year to dd / mm / year — Last Visit or Last Visit range

######### — Case Number

e.g., Hypertension, laryngitis — Special health conditions

Search | Clear Search

There are 61 patients who fit your criteria.

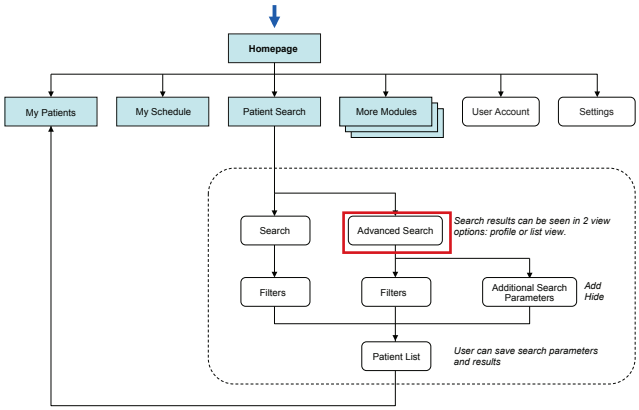
Sort by Urgency
Sort by Patient ID
Sort by Last Name
Sort by First Name

Brian Allen
Brian Anton
Brian Cortez
Brian Chaney
Brian Cole
Brian Dougan
Brian Dougan

Patient Profile
Brian Allen
Patient ID: 000703190
SSN: 213-42-1111
DOB: 01/01/1965 (46 Years)

Patient Profile
Brian Anton
Patient ID: 000706630
SSN: 213-45-7898
DOB: 05/07/1969 (42 Years)

This screen shows a drop down menu for *Marital Status.*



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PATIENT SEARCH: ADVANCED SEARCH

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Patients ▾ | Search Patients

Patient Search

+New Search Tab | Save Search Tab | Open Saved Search Tab ▾

Keyword: Brian

Only show patients with: All urgency ▾ | All modules ▾

Show patients from: All teams ▾

Cancel Advance Search » | Clear Search Criteria »

Show All Search Parameters ▾

e.g., Arthur Adams — First and/or last name

dd / mm / year — Date of Birth

All ▾ — Sex

All ▾ — Marital Status

From 25 to 45 — Age or Age range

All ▾ — Family Prefix

All
A+
B+
O+
AB+
A-
B-
O-
AB-

######### — ID Number

- ## - #### — Patient's SSN

- ## - #### — Sponsor's SSN

All ▾ — Race

e.g., 8901 Wisconsin Av… , MD — Address

All ▾ — Service Branch

Commissioned and non-com ▾ — Status

e.g., Sergeant — Rank

e.g., Infantry — Occupation

From dd / mm / year to dd / mm / year — Years of Service or Deployment range

e.g., Fort Bragg or Afghanistan — Stationed at or Deployment Area

From dd / mm / year to dd / mm / year — Last Visit or Last Visit range

######### — Case Number

e.g., Hypertension, laryngitis — Special health conditions

Search | Clear Search

There are 61 patients who fit your criteria.

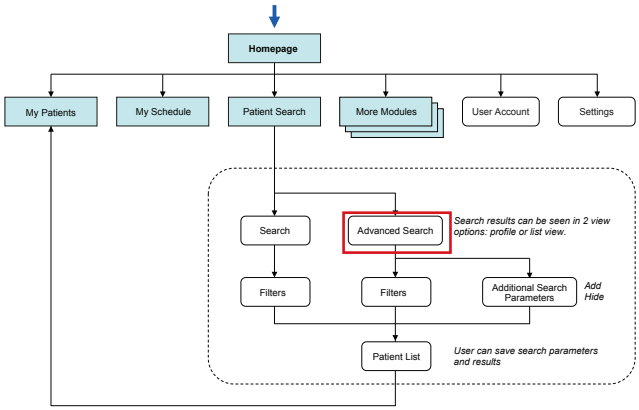
Sort by Urgency
Sort by Patient ID
Sort by Last Name
Sort by First Name

Brian Allen
Brian Anton
Brian Cortez
Brian Chaney
Brian Cole
Brian Dougan
Brian Dougan

Patient Profile
Brian Allen
Patient ID: 000703190
SSN: 213-42-1111
DOB: 01/01/1965 (46 Years)

Patient Profile
Brian Anton
Patient ID: 000706630
SSN: 213-45-7898
DOB: 05/07/1969 (42 Years)

This screen shows a drop down menu for *Blood Type*.



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PATIENT SEARCH: ADVANCED SEARCH

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Patients ▾ | Search Patients

Patient Search

+New Search Tab | Save Search Tab | Open Saved Search Tab ▾

Keyword: Brian

Only show patients with: All urgency ▾ | All modules ▾

Show patients from: All teams ▾

Cancel Advance Search » | Clear Search Criteria »

Show All Search Parameters ▾

e.g., Arthur Adams — First and/or last name

dd / mm / year — Date of Birth

All ▾ — Sex

All ▾ — Marital Status

From 25 to 45 — Age or Age range

All ▾ — Blood type

All ▾
- All
- (20) Sponsor
- (30) Spouse
- (01≤) Child

######### — ID Number

- ## - #### — Patient's SSN

- ## - #### — Sponsor's SSN

All ▾ — Race

e.g., 8901 Wisconsin Avenue, Bethesda, MD — Address

All ▾ — Service Branch

Commissioned and non-com ▾ — Status

e.g., Sergeant — Rank

e.g., Infantry — Occupation

From dd / mm / year to dd / mm / year — Years of Service or Deployment range

e.g., Fort Bragg or Afghanistan — Stationed at or Deployment Area

From dd / mm / year to dd / mm / year — Last Visit or Last Visit range

######### — Case Number

e.g., Hypertension, laryngitis — Special health conditions

Search | Clear Search

There are 61 patients who fit your criteria.

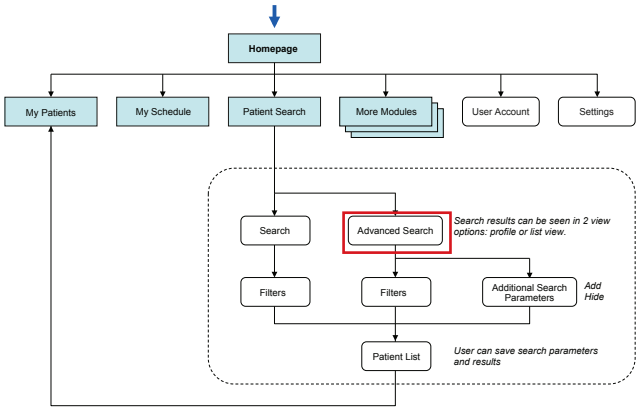
Sort by Urgency
Sort by Patient ID
Sort by Last Name
Sort by First Name

Brian Allen
Brian Anton
Brian Cortez
Brian Chaney
Brian Cole
Brian Dougan
Brian Dougan

Patient Profile
Brian Allen
Patient ID: 000703190
SSN: 213-42-1111
DOB: 01/01/1965 (46 Years)

Patient Profile
Brian Anton
Patient ID: 000706630
SSN: 213-45-7898
DOB: 05/07/1969 (42 Years)

This screen shows a drop down menu for *Service Branch*.



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PATIENT SEARCH: ADVANCED SEARCH

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Patients ▼ | Search Patients

Patient Search

+New Search Tab | Save Search Tab | Open Saved Search Tab ▼

Keyword: Brian

Only show patients with: All urgency ▼ | All modules ▼

Show patients from: All teams ▼

Cancel Advance Search » | Clear Search Criteria »

Show All Search Parameters ▼

e.g., Arthur Adams — First and/or last name

dd / mm / year — Date of Birth

All ▼ — Sex

All ▼ — Marital Status

From 25 to 45 — Age or Age range

All ▼ — Blood type

All ▼ — Family Prefix

######### — ID Number

- ## - #### — Patient's SSN

- ## - #### — Sponsor's SSN

All ▼ — Race
- All
- Caucasian
- African American
- Native American
- Alaskan Native
- Asian-Pacific Islander
- Latino / Hispanic

e.g., 8901 Wisconsin Avenue, Bethesda, MD — Address

All ▼ — Service Branch

Commissioned and non-com ▼ — Status

e.g., Infantry — Occupation

From dd / mm / year to dd / mm / year — Years of Service or Deployment range

From dd / mm / year to dd / mm / year — Last Visit or Last Visit range

######### — Case Number

e.g., Hypertension, laryngitis — Special health conditions

Search | Clear Search

There are 61 patients who fit your criteria.

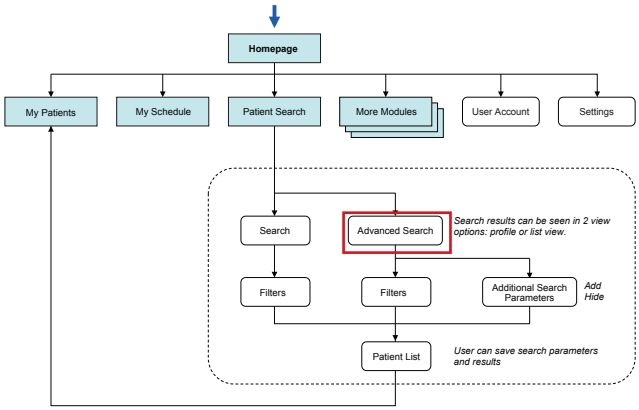
Sort by Urgency
Sort by Patient ID
Sort by Last Name
Sort by First Name

Brian Allen
Brian Anton
Brian Cortez
Brian Chaney
Brian Cole
Brian Dougan
Brian Dougan

Patient Profile
Brian Allen
Patient ID: 000703190
SSN: 213-42-1111
DOB: 01/01/1965 (46 Years)

Patient Profile
Brian Anton
Patient ID: 000706630
SSN: 213-45-7898
DOB: 05/07/1969 (42 Years)

This screen shows a drop down menu for *Status*.



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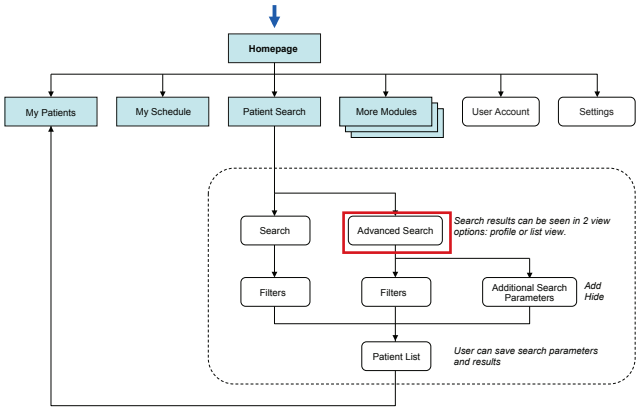
PATIENT SEARCH: ADVANCED SEARCH

The user can specify *Rank*. As the user types in, search suggestions appears.



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PATIENT SEARCH: ADVANCED SEARCH

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Patients ▾ | Search Patients

Patient Search

+New Search Tab | Save Search Tab | Open Saved Search Tab ▾

Keyword: Brian

Only show patients with: All urgency ▾ | All modules ▾

Show patients from: All teams ▾

Cancel Advance Search » | Clear Search Criteria »

Show All Search Parameters ▾

e.g., Arthur Adams — First and/or last name

dd / mm / year — Date of Birth

All ▾ — Sex

All ▾ — Marital Status

From 25 to 45 — Age or Age range

All ▾ — Blood type

All ▾ — Family Prefix

######### — ID Number

- ## - #### — Patient's SSN

- ## - #### — Sponsor's SSN

All ▾ — Race

e.g., 8901 Wisconsin Avenue, Bethesda, MD — Address

All ▾ — Service Branch

Commissioned and non-com ▾ — Status

e.g., Sergeant — Rank

Infantr | Infantry

From dd / mm / year to dd / mm / year — Years of Service or Deployment range

e.g., Fort Bragg or Afghanistan — Stationed at or Deployment Area

From dd / mm / year to dd / mm / year — Last Visit or Last Visit range

######### — Case Number

e.g., Hypertension, laryngitis — Special health conditions

Search | Clear Search

There are 61 patients who fit your criteria.

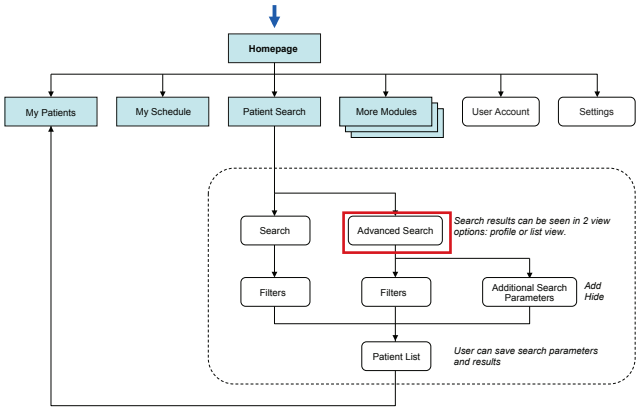
Sort by Urgency
Sort by Patient ID
Sort by Last Name
Sort by First Name

Brian Allen
Brian Anton
Brian Cortez
Brian Chaney
Brian Cole
Brian Dougan
Brian Dougan

Patient Profile
Brian Allen
Patient ID: 000703190
SSN: 213-42-1111
DOB: 01/01/1965 (46 Years)

Patient Profile
Brian Anton
Patient ID: 000706630
SSN: 213-45-7898
DOB: 05/07/1969 (42 Years)

The user can specify *Occupation*. As the user types in, search suggestions appears.



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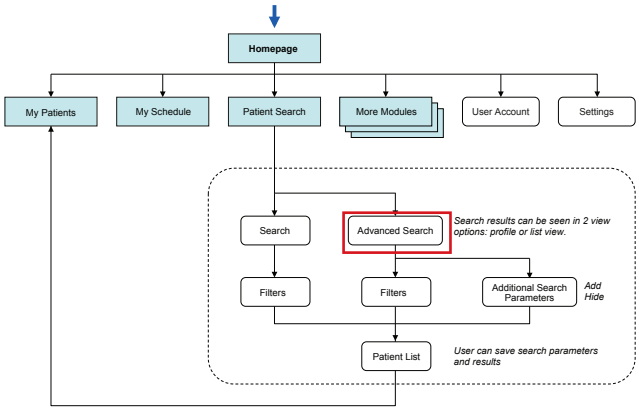
PATIENT SEARCH: NEW SEARCH TAB

The user can conduct multiple searches. If the user wishes to run a new search while keeping the current search results. The user clicks "+ New Search Tab" button on the top left in the action bar.



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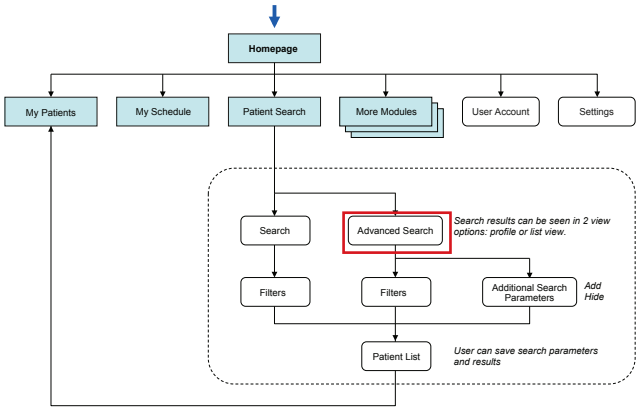
PATIENT SEARCH: NEW SEARCH TAB

Before a new search tab opens, a pop up window appears asking the user to name the current search tab. The user types in a name, and clicks “Save” button.



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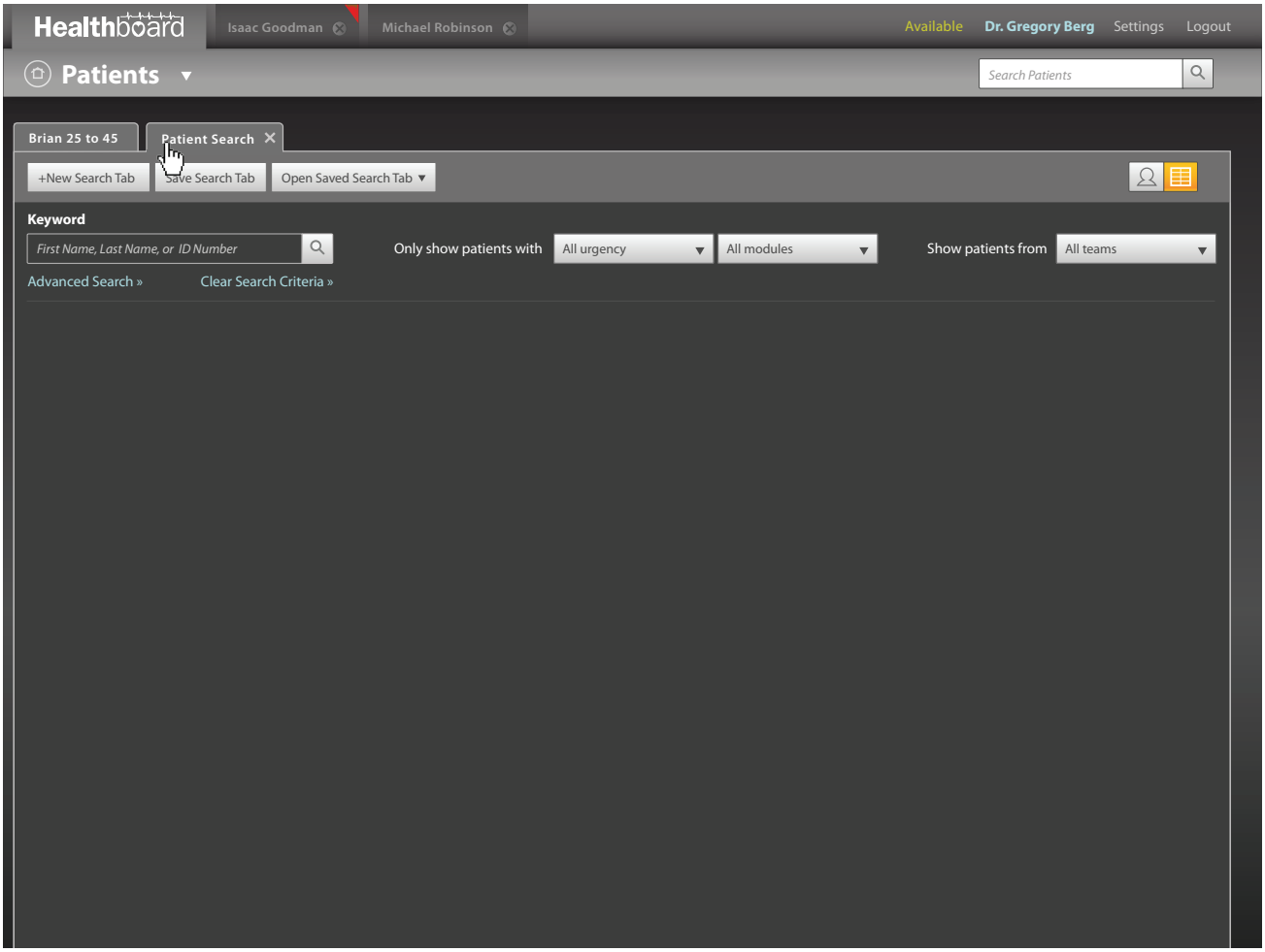
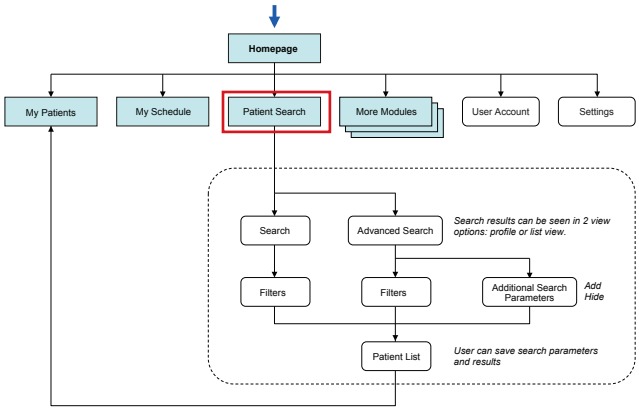
PATIENT SEARCH: NEW SEARCH TAB



The tab is saved as "Brian 25 to 45" and a new search tab will appear.



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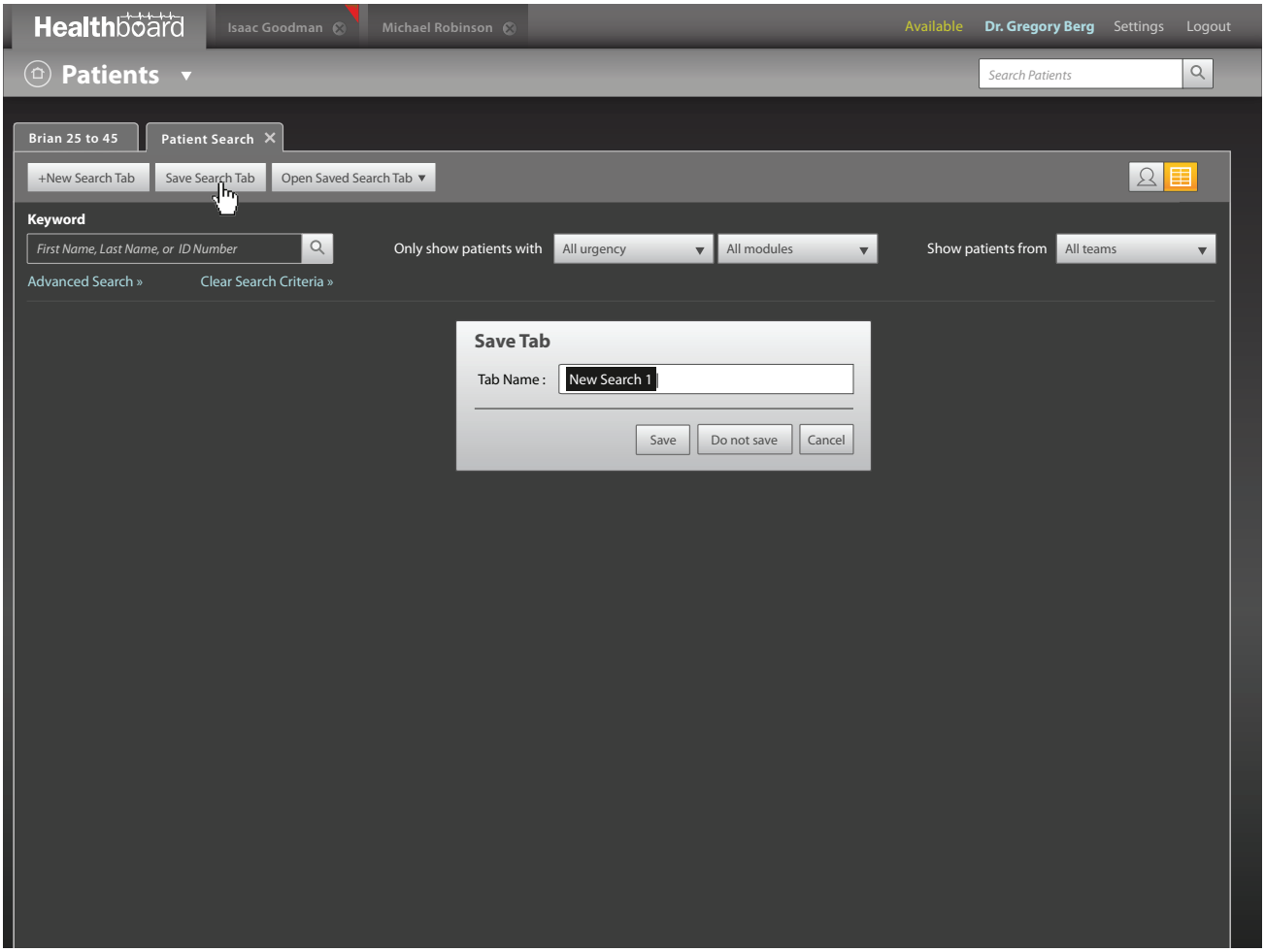
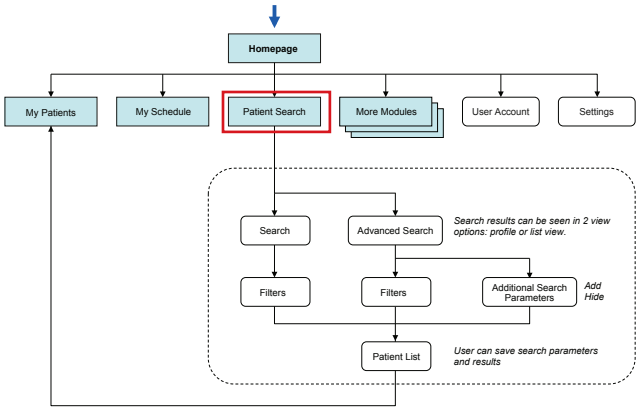
PATIENT SEARCH: SAVE TAB



The user can change the name of a tab by clicking "Rename Tab" button on the top left in the action bar.



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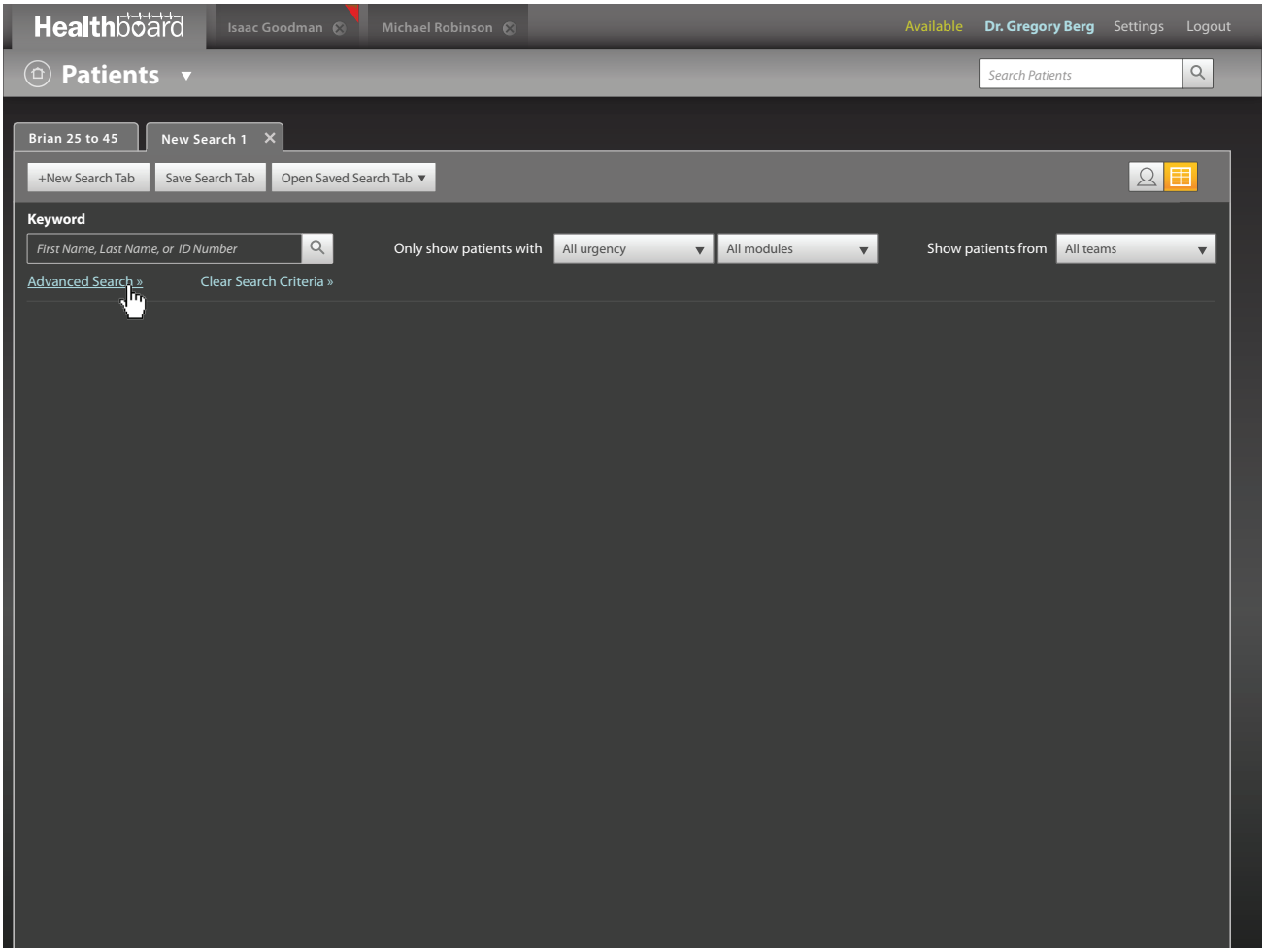
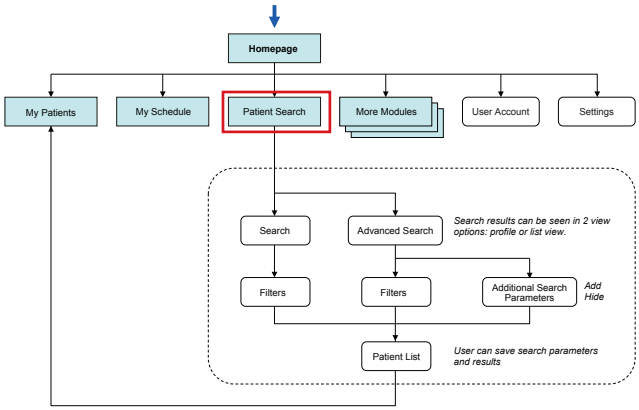
PATIENT SEARCH: ADVANCED SEARCH



The user clicks "Advanced Search" link.



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PATIENT SEARCH: ADVANCED SEARCH

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Patients ▾ | Search Patients

Brian 25 to 45 | New Search 1

+New Search Tab | Save Search Tab | Open Saved Search Tab ▾

Keyword

First Name, Last Name, or ID Number

Only show patients with | All urgency ▾ | All modules ▾ | Show patients from | All teams ▾

Cancel Advance Search » | Clear Search Criteria »

Show 8 Search Parameters ▾

e.g., Arthur Adams — *First and/or last name*

dd / mm / year — *Date of Birth*

All ▾ — *Sex*

From ## to ## — *Age or Age range*

All ▾ — *Family Prefix*

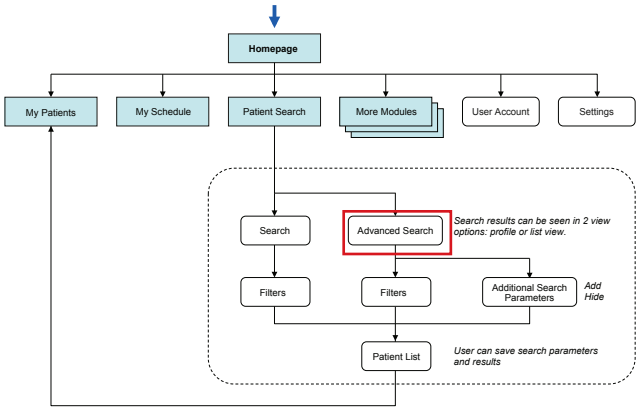
######### — *ID Number*

- ## - #### — *Patient's SSN*

- ## - #### — *Sponsor's SSN*

Search | Clear Search

A panel slides down showing the default setting of eight search parameters.



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212 229 6825
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Chat

INTRODUCTION This section of the Detailed GUI Volume documents the design of the Provider Portal's *Chat* function set for the Visual Dashboard for a Patient Centered Medical Home (PCMH). The documentation includes both workflow diagrams and visual models: the workflow diagrams detail the user experience and interactions within this module, and the visual models present graphic assets and elements within this module.

The following are high-level objectives for *Chat*:

- To enable text, voice, video chat between the provider and patient as well as between providers.

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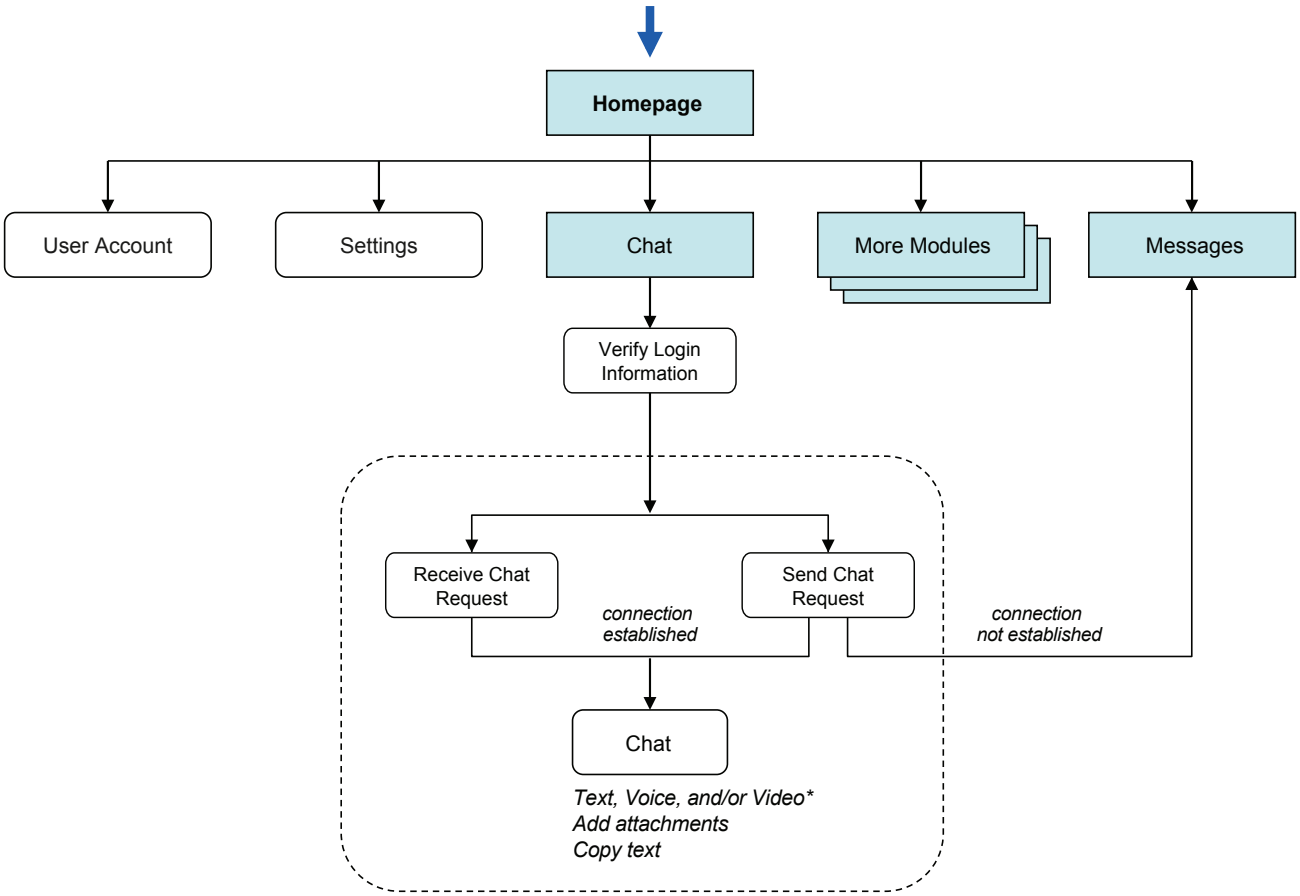
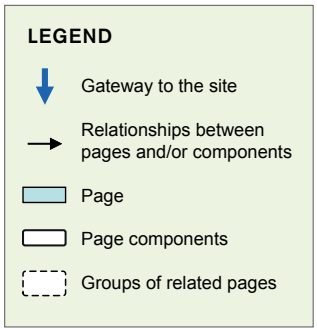
FLOWCHART FOR CHAT MODULE





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CHAT

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages (12)

3:45 pm	Isaac Goodman	Chronic pain
2 days ago	Isaac Goodman	Problem sleep...
Apr 21	Front Desk	Persist cough
March 27	Michael Robinson	Del Damar

...plus 8 more messages. View All »

Chat

Patients | Search name

Text | Voice | Video | View History

Team Profile

Team: 1 | Role | Search

1	MD	A	Gregory Berg
1	MD	A	Neil Greenfield
1	MD	A	Michael McKinley
1	RN	U	Angela Tritle
1	RN	A	Amanda Renshaw
1	LPN	U	Nina Totenberg
1	LPN	A	Mark Rowell
1	LPN	A	Robert Massie
1	LPN	A	David Memmott
1	Admin	A	Barb Ferguson
1	Admin	A	Steve Speth
1	Admin	A	Grant Bill

My Patients (8)

Patient Search

Search | Show all patients | Only show patients with notifications

Advanced Search »

dd / mm / year — Date of Birth | All — Sex | e.g., Hypertension, laryngitis — Special Health conditions

There are 8 patients who need your attention. | Only show patients I'm seeing today

Urgency	Last Name	First Name	Sex	DOB	Status
	Goodman	Isaac	Male	01/01/1965	4 immunizations overdue – MMR, Po ...
	Robinson	Michael	Male	04/23/1972	Have kidney disease; check potassium
	Alexander	Edward	Male	10/12/1969	Abnormal weight gain – gained 10 ...
	Lee	Berg	Male	02/24/1958	Need medication renewal for Warfarin
	Chang	Anna W	Female	11/07/1978	Need follow-up for gestational diabetes
	Cloud	John S	Male	05/22/1983	Lab result ready
	Robinson	Lance	Male	07/14/1975	1 immunization due soon – Yellow Fev...
	Wunderlich	Michael	Male	10/17/1987	Need physical exam

Appointments (4) Wed, Oct 12

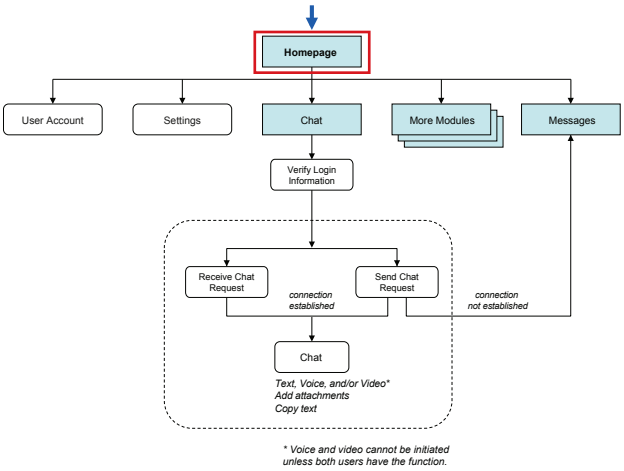
10/12/12 appointment at 1300 with Walter Glover
Physical Examination in Room 304 – Regular check-up
Prerequisite: Diagnostic Studies

0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 »

Gregory Berg, MD
Neil Greenfield, MD
Michael McKinley, MD

Visits | Web Conferences | Telephone Conferences | Others | Pending

On the *Provider Portal Home*, the user can search for any patient or provider to chat with under *Chat*.



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CHAT: STATUS

Healthboard | Isaac Goodman | Michael Robinson | Unavailable | Dr. Gregory Berg | Settings | Logout

Change status to available.

Messages (12)

3:45 pm	Isaac Goodman	Chronic pain
2 days ago	Isaac Goodman	Problem sleep...
Apr 21	Front Desk	Persist cough
March 27	Michael Robinson	Del Damar

...plus 8 more messages. View All »

Chat

Patients | Search name

Text | Voice | Video | View History

Team Profile

Team: 1 | Role | Search

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1	MD	A	Neil Greenfield
1	MD	A	Michael McKinley
1	RN	U	Angela Tritle
1	RN	A	Amanda Renshaw
1	LPN	U	Nina Totenberg
1	LPN	A	Mark Rowell
1	LPN	A	Robert Massie
1	LPN	A	David Memmott
1	Admin	A	Barb Ferguson
1	Admin	A	Steve Speth
1	Admin	A	Grant Bill

My Patients (8)

Patient Search

Search | Show all patients | Only show patients with notifications

Advanced Search »

dd / mm / year — Date of Birth | All — Sex | e.g., Hypertension, laryngitis — Special Health conditions

There are 8 patients who need your attention. | Only show patients I'm seeing today

Urgency	Last Name	First Name	Sex	DOB	Status
	Goodman	Isaac	Male	01/01/1965	4 immunizations overdue – MMR, Po ...
	Robinson	Michael	Male	04/23/1972	Have kidney disease; check potassium
	Alexander	Edward	Male	10/12/1969	Abnormal weight gain – gained 10 ...
	Lee	Berg	Male	02/24/1958	Need medication renewal for Warfarin
	Chang	Anna W	Female	11/07/1978	Need follow-up for gestational diabetes
	Cloud	John S	Male	05/22/1983	Lab result ready
	Robinson	Lance	Male	07/14/1975	1 immunization due soon – Yellow Fev...
	Wunderlich	Michael	Male	10/17/1987	Need physical exam

Appointments (4) Wed, Oct 12

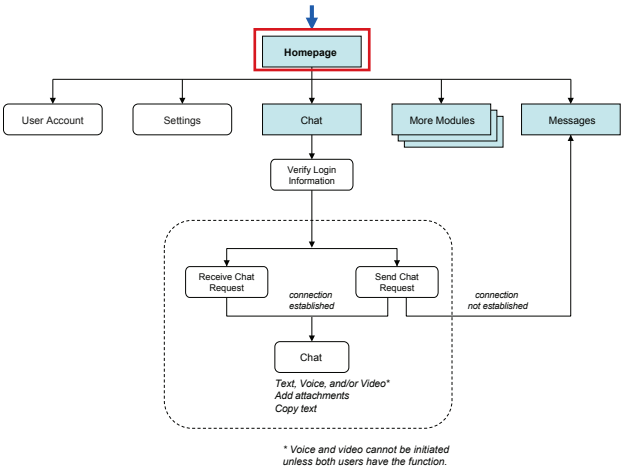
10/12/12 appointment at 1300 with Walter Glover
Physical Examination in Room 304 – Regular check-up
Prerequisite: Diagnostic Studies

0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 »

Gregory Berg, MD
Neil Greenfield, MD
Michael McKinley, MD

Visits | Web Conferences | Telephone Conferences | Others | Pending

The online status of the user can be changed by clicking on the status next to the user's login name. When the user's status is "Unavailable," other providers cannot contact the user with the "Chat" function.



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CHAT: STATUS

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Change status to unavailable.

Messages (12)

3:45 pm	Isaac Goodman	Chronic pain
2 days ago	Isaac Goodman	Problem sleep...
Apr 21	Front Desk	Persist cough
March 27	Michael Robinson	Del Damar

...plus 8 more messages. View All »

Chat

Patients | Search name

Text | Voice | Video | View History

Team Profile

Team: 1 | Role | Search

1	MD	A	Gregory Berg
1	MD	A	Neil Greenfield
1	MD	A	Michael McKinley
1	RN	U	Angela Tritle
1	RN	A	Amanda Renshaw
1	LPN	U	Nina Totenberg
1	LPN	A	Mark Rowell
1	LPN	A	Robert Massie
1	LPN	A	David Memmott
1	Admin	A	Barb Ferguson
1	Admin	A	Steve Speth
1	Admin	A	Grant Bill

My Patients (8)

Patient Search

Search | Show all patients | Only show patients with notifications

Advanced Search »

dd / mm / year — Date of Birth | All — Sex | e.g., Hypertension, laryngitis — Special Health conditions

There are 8 patients who need your attention. | Only show patients I'm seeing today

Urgency	Last Name	First Name	Sex	DOB	Status
	Goodman	Isaac	Male	01/01/1965	4 immunizations overdue – MMR, Po ...
	Robinson	Michael	Male	04/23/1972	Have kidney disease; check potassium
	Alexander	Edward	Male	10/12/1969	Abnormal weight gain – gained 10 ...
	Lee	Berg	Male	02/24/1958	Need medication renewal for Warfarin
	Chang	Anna W	Female	11/07/1978	Need follow-up for gestational diabetes
	Cloud	John S	Male	05/22/1983	Lab result ready
	Robinson	Lance	Male	07/14/1975	1 immunization due soon – Yellow Fev...
	Wunderlich	Michael	Male	10/17/1987	Need physical exam

Appointments (4) Wed, Oct 12

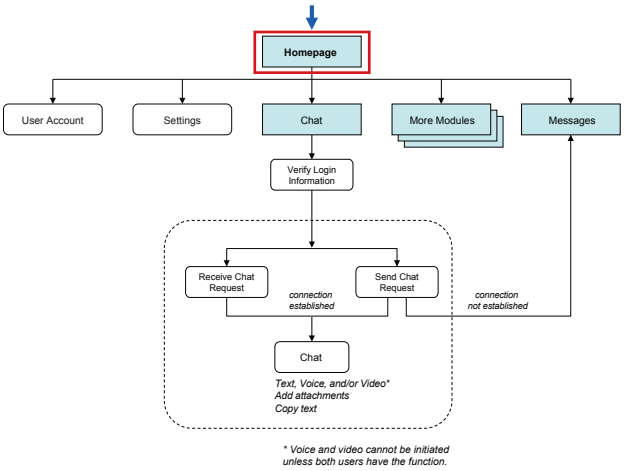
10/12/12 appointment at 1300 with Walter Glover
Physical Examination in Room 304 – Regular check-up
Prerequisite: Diagnostic Studies

0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 »

Gregory Berg, MD
Neil Greenfield, MD
Michael McKinley, MD

Visits | Web Conferences | Telephone Conferences | Others | Pending

The user clicks on the status "Unavailable" to change the status to "Available." This status allows other providers to initiate a connection with the user.



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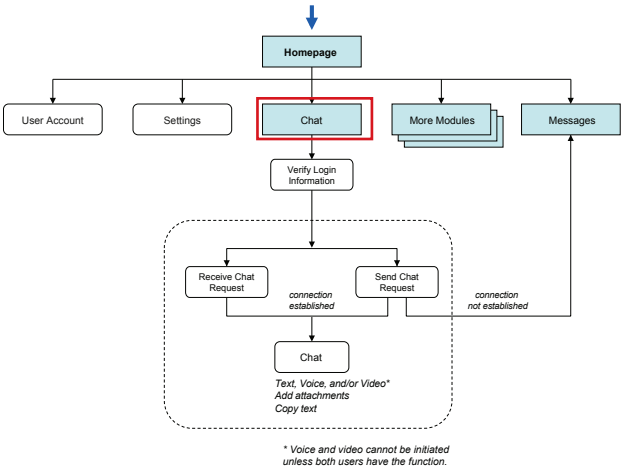
CHAT: COMMUNICATION HISTORY

When the user clicks on the "View History" link, a "Communication History" pop up appears to show past communication records on whom the user has contacted using chat.



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CHAT: CHAT REQUEST

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages (12)

3:45 pm	Isaac Goodman	Chronic pain
2 days ago	Isaac Goodman	Problem sleep...
Apr 21	Front Desk	Persist cough
March 27	Michael Robinson	Del Damar

...plus 8 more messages. View All »

Chat

Patients | Search name
All
Patients
Providers
Voice | Video | View History

Team Profile

Team: 1 | Role | Search

1	MD	A	Gregory Berg
1	MD	A	Neil Greenfield
1	MD	A	Michael McKinley
1	RN	U	Angela Tritle
1	RN	A	Amanda Renshaw
1	LPN	U	Nina Totenberg
1	LPN	A	Mark Rowell
1	LPN	A	Robert Massie
1	LPN	A	David Memmott
1	Admin	A	Barb Ferguson
1	Admin	A	Steve Speth
1	Admin	A	Grant Bill

My Patients (8)

Patient Search
Search | Show all patients | Only show patients with notifications

Advanced Search »

dd / mm / year — Date of Birth | All — Sex | e.g., Hypertension, laryngitis — Special Health conditions

There are 8 patients who need your attention. | Only show patients I'm seeing today

Urgency	Last Name	First Name	Sex	DOB	Status
	Goodman	Isaac	Male	01/01/1965	4 immunizations overdue – MMR, Po ...
	Robinson	Michael	Male	04/23/1972	Have kidney disease; check potassium
	Alexander	Edward	Male	10/12/1969	Abnormal weight gain – gained 10 ...
	Lee	Berg	Male	02/24/1958	Need medication renewal for Warfarin
	Chang	Anna W	Female	11/07/1978	Need follow-up for gestational diabetes
	Cloud	John S	Male	05/22/1983	Lab result ready
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	Wunderlich	Michael	Male	10/17/1987	Need physical exam

Appointments (4) Wed, Oct 12

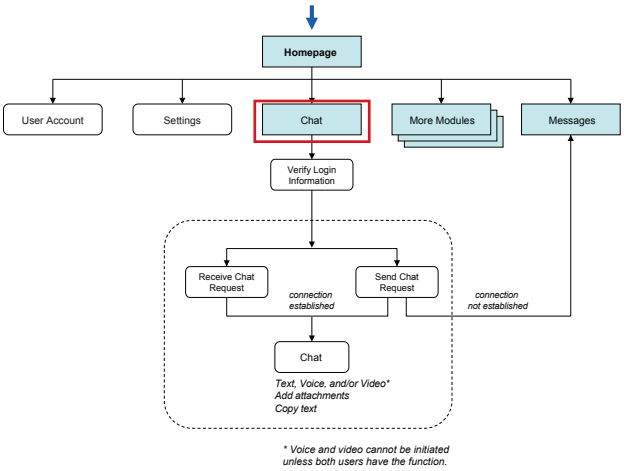
10/12/12 appointment at 1300 with Walter Glover
Physical Examination in Room 304 – Regular check-up
Prerequisite: Diagnostic Studies

0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 »

Gregory Berg, MD
Neil Greenfield, MD
Michael McKinley, MD

Visits | Web Conferences | Telephone Conferences | Others | Pending

The search can be filtered by selecting either "Patients" or "Providers." The user selects "Patients."



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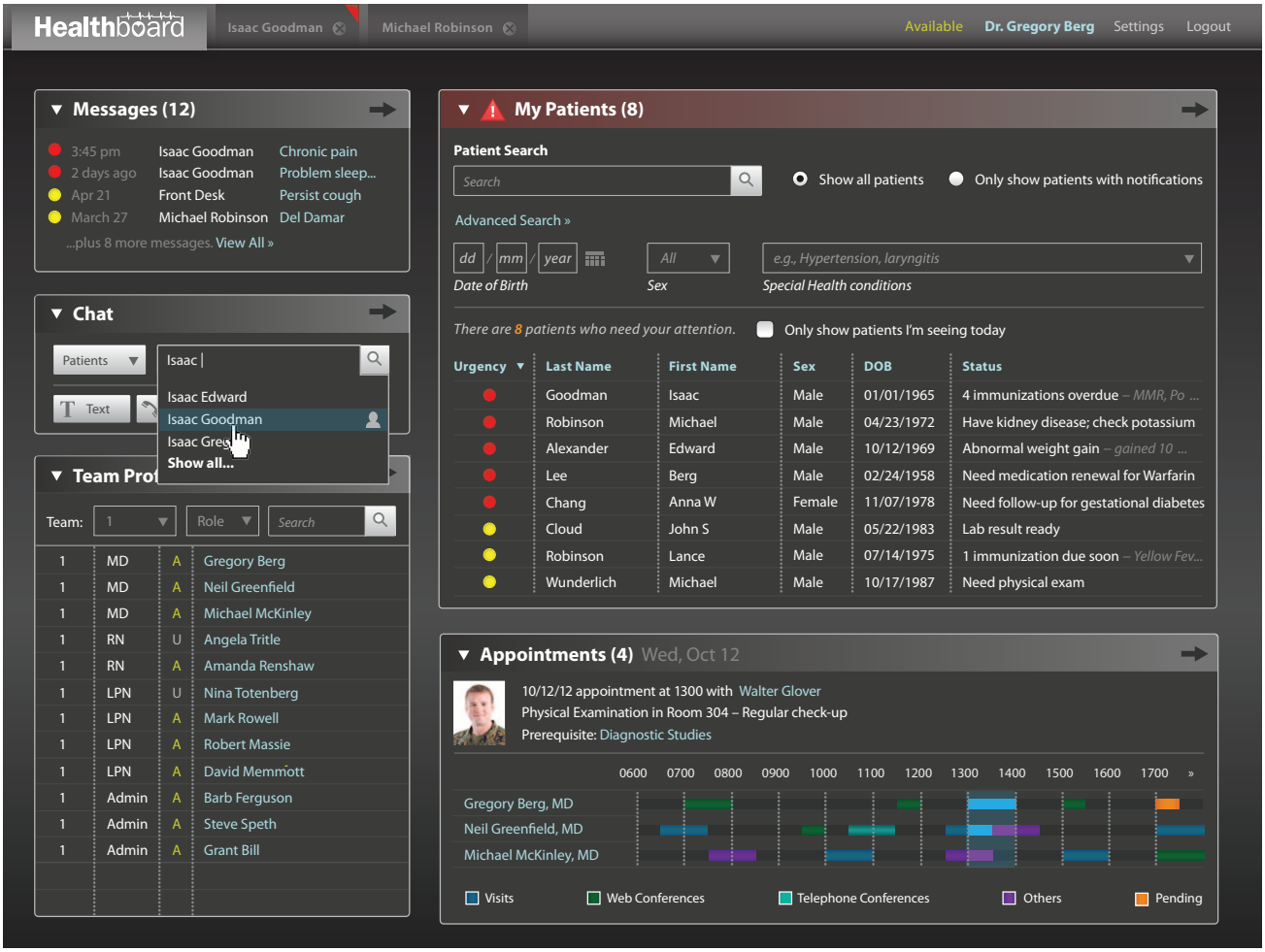
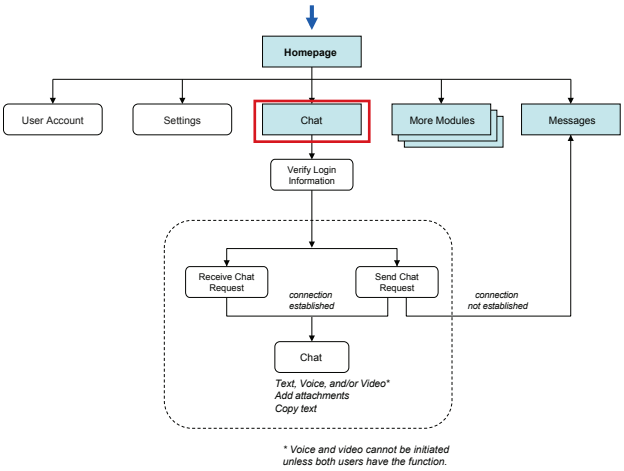
CHAT: CHAT REQUEST



The user searches for the term "Isaac." The drop down menu provides suggestions, displaying the most frequently contacted options for "Isaac." The user selects "Isaac Goodman."



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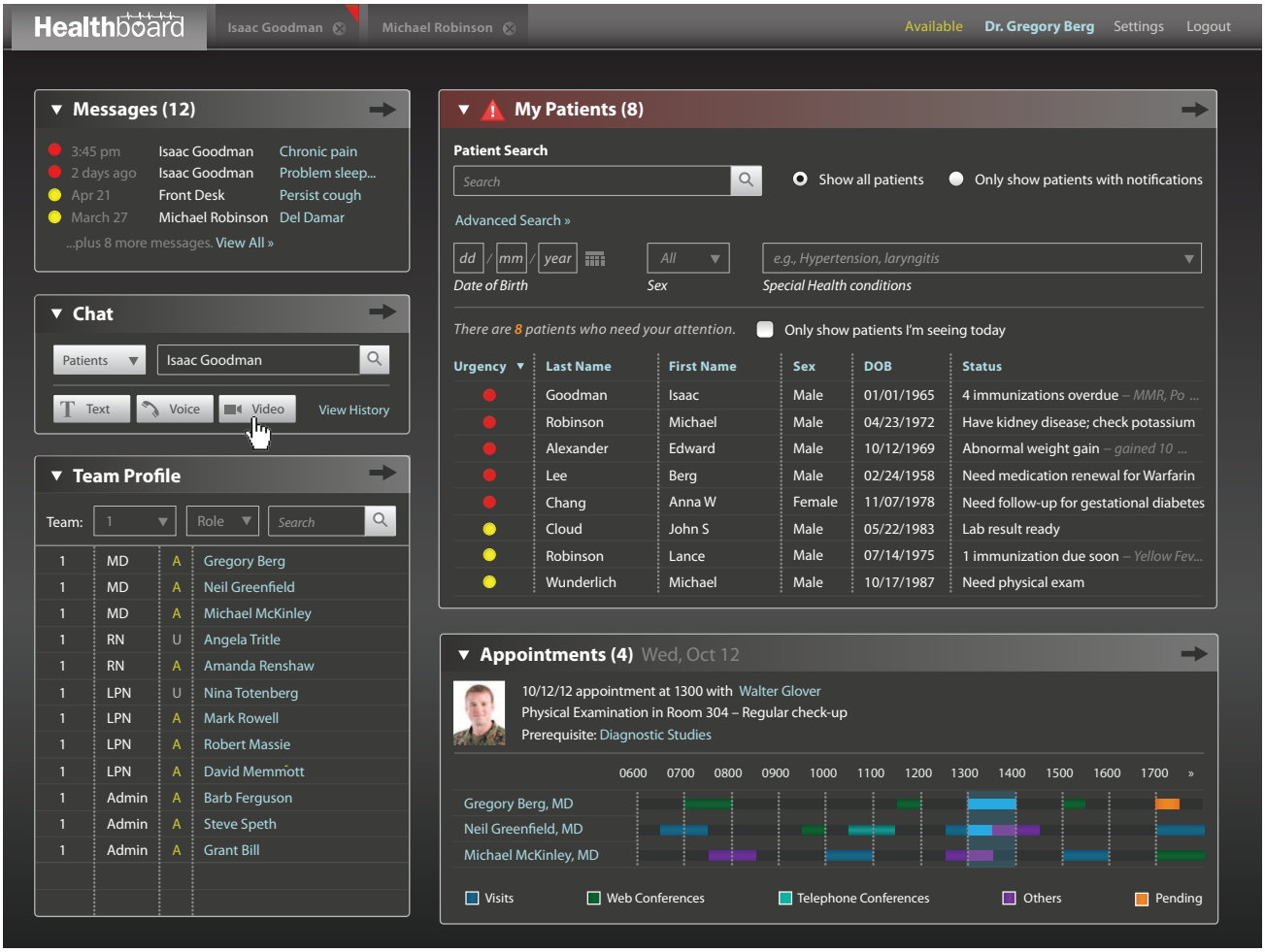
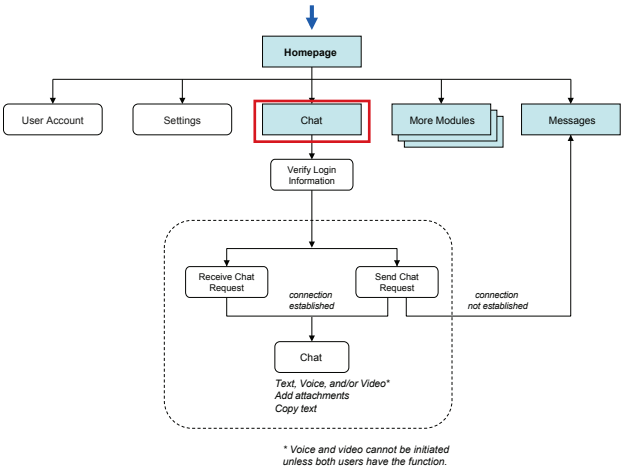
CHAT: CHAT REQUEST



The user has the option of selecting "Text" for text-based communication, "Voice" for voice-enabled communication, and "Video" for video and audio-enabled communication. The user selects "Video."



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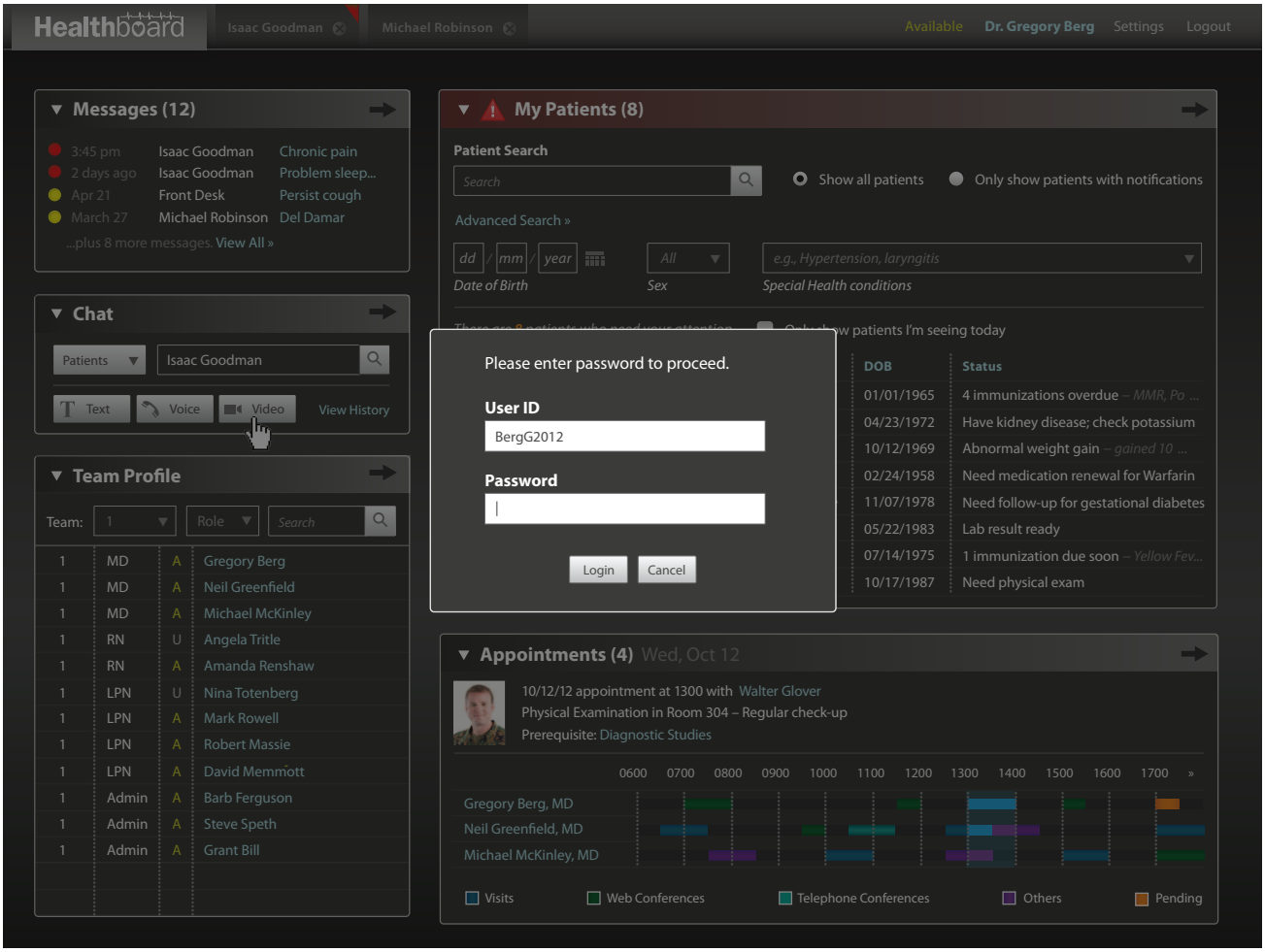
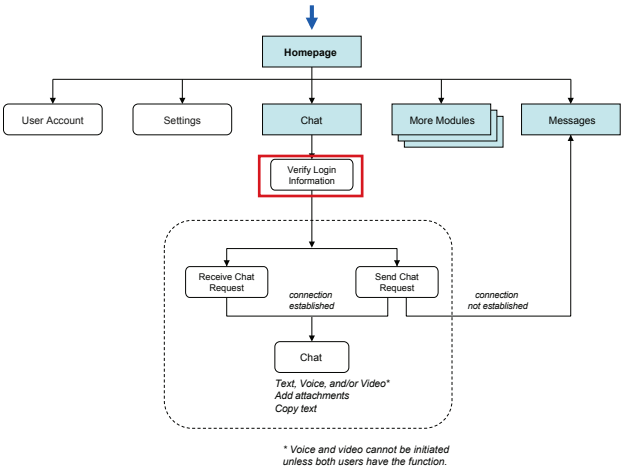
CHAT: CHAT REQUEST VERIFICATION



The user is asked to verify the login information before initiating communication with another user.



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CHAT: CHAT REQUEST

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages (12)

3:45 pm	Isaac Goodman	Chronic pain
2 days ago	Isaac Goodman	Problem sleep...
Apr 21	Front Desk	Persist cough
March 27	Michael Robinson	Del Damar

...plus 8 more messages. View All »

Chat

Patients | Isaac Goodman - *Connecting...*

Text | Voice | Video | View History

Team Profile

Team: 1 | Role | Search

1	MD	A	Gregory Berg
1	MD	A	Neil Greenfield
1	MD	A	Michael McKinley
1	RN	U	Angela Tritle
1	RN	A	Amanda Renshaw
1	LPN	U	Nina Totenberg
1	LPN	A	Mark Rowell
1	LPN	A	Robert Massie
1	LPN	A	David Memmott
1	Admin	A	Barb Ferguson
1	Admin	A	Steve Speth
1	Admin	A	Grant Bill

My Patients (8)

Patient Search

Search | Show all patients | Only show patients with notifications

Advanced Search »

dd / mm / year — *Date of Birth* | All — *Sex* | e.g., Hypertension, laryngitis — *Special Health conditions*

There are 8 patients who need your attention. | Only show patients I'm seeing today

Urgency	Last Name	First Name	Sex	DOB	Status
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	Robinson	Michael	Male	04/23/1972	Have kidney disease; check potassium
	Alexander	Edward	Male	10/12/1969	Abnormal weight gain – *gained 10 ...*
	Lee	Berg	Male	02/24/1958	Need medication renewal for Warfarin
	Chang	Anna W	Female	11/07/1978	Need follow-up for gestational diabetes
	Cloud	John S	Male	05/22/1983	Lab result ready
	Robinson	Lance	Male	07/14/1975	1 immunization due soon – *Yellow Fev...*
	Wunderlich	Michael	Male	10/17/1987	Need physical exam

Appointments (4) Wed, Oct 12

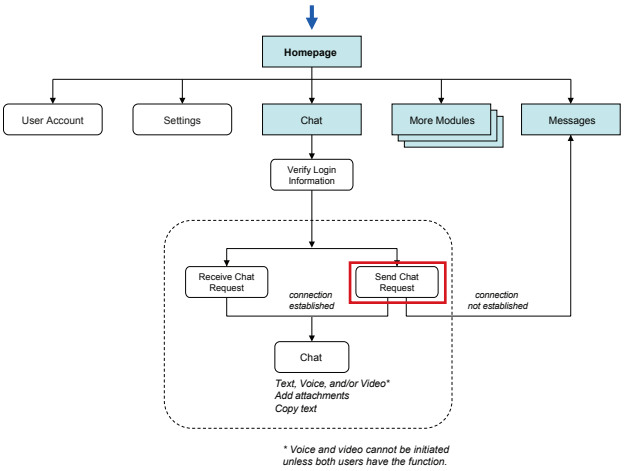
10/12/12 appointment at 1300 with Walter Glover
Physical Examination in Room 304 – Regular check-up
Prerequisite: Diagnostic Studies

0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 »

Gregory Berg, MD
Neil Greenfield, MD
Michael McKinley, MD

Visits | Web Conferences | Telephone Conferences | Others | Pending

The search box of the widget displays the connection status. The user is waiting for Isaac Goodman to respond to the communication request.



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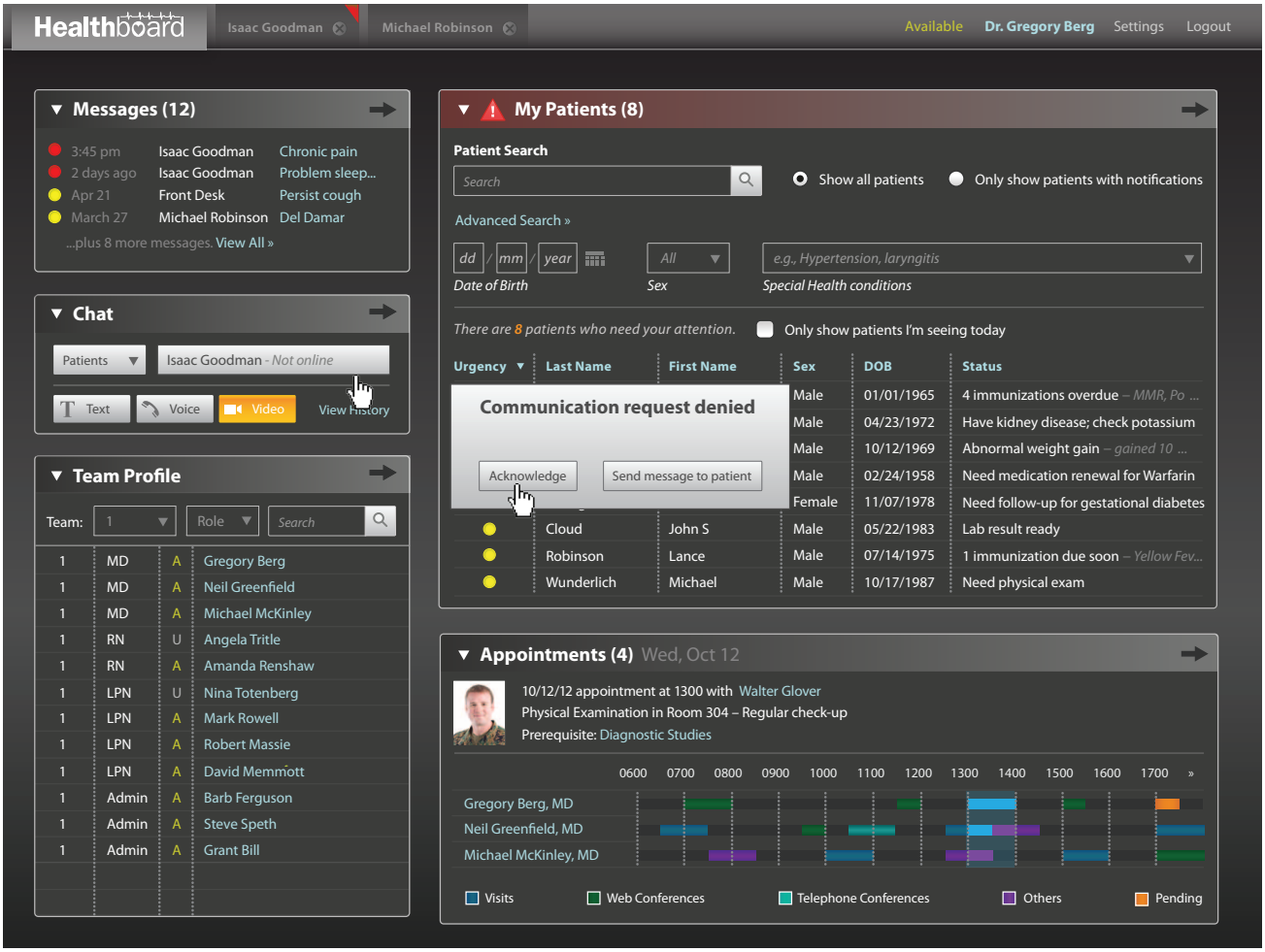
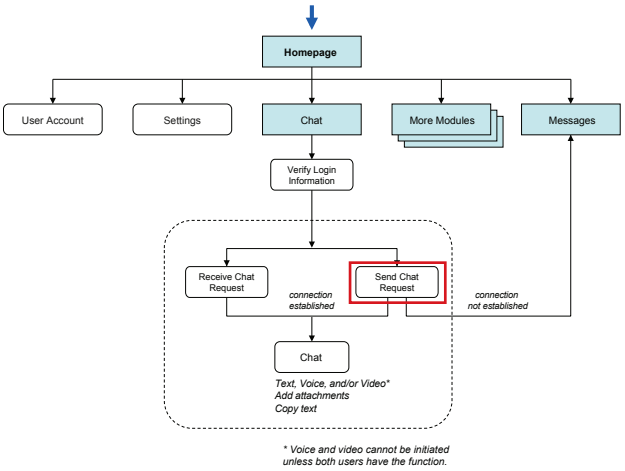
CHAT: CHAT REQUEST DECLINED



If the other user is not online or have their status set as "Unavailable," the user has the option to "Acknowledge" the action or send a message through the *Messages* module.



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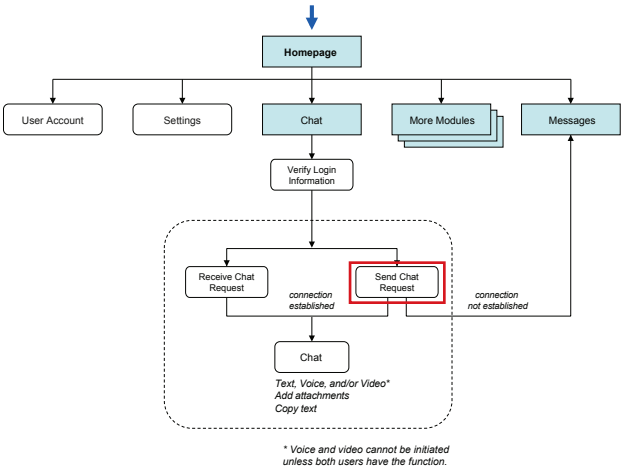
CHAT: CHAT REQUEST MISSED

If the user had missed the connection attempt while away or had their status set as "Unavailable" when contacted, a minimized chat window will be shown at the bottom right to indicate that another user has tried to contact the patient.



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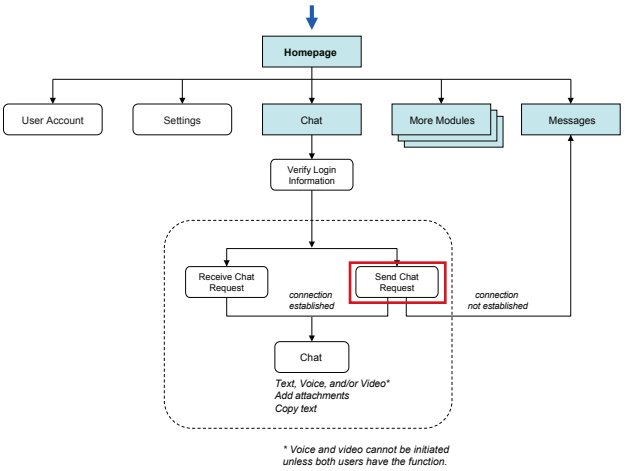
CHAT: CHAT REQUEST ACCEPTED

When contacted, the user will be prompted with a pop up window. The user has the option to "Accept" or "Decline." The type of communication is identified by the highlighted icon.



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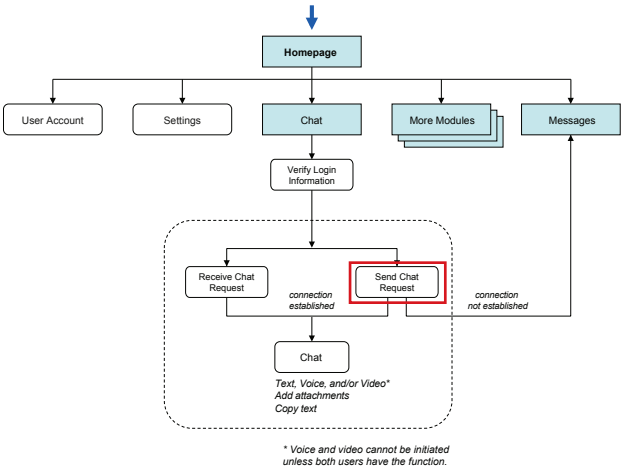
CHAT: CHAT REQUEST DECLINED

If the user chooses to decline the chat request, the user is prompted with an optional message box to explain reasons for declining.



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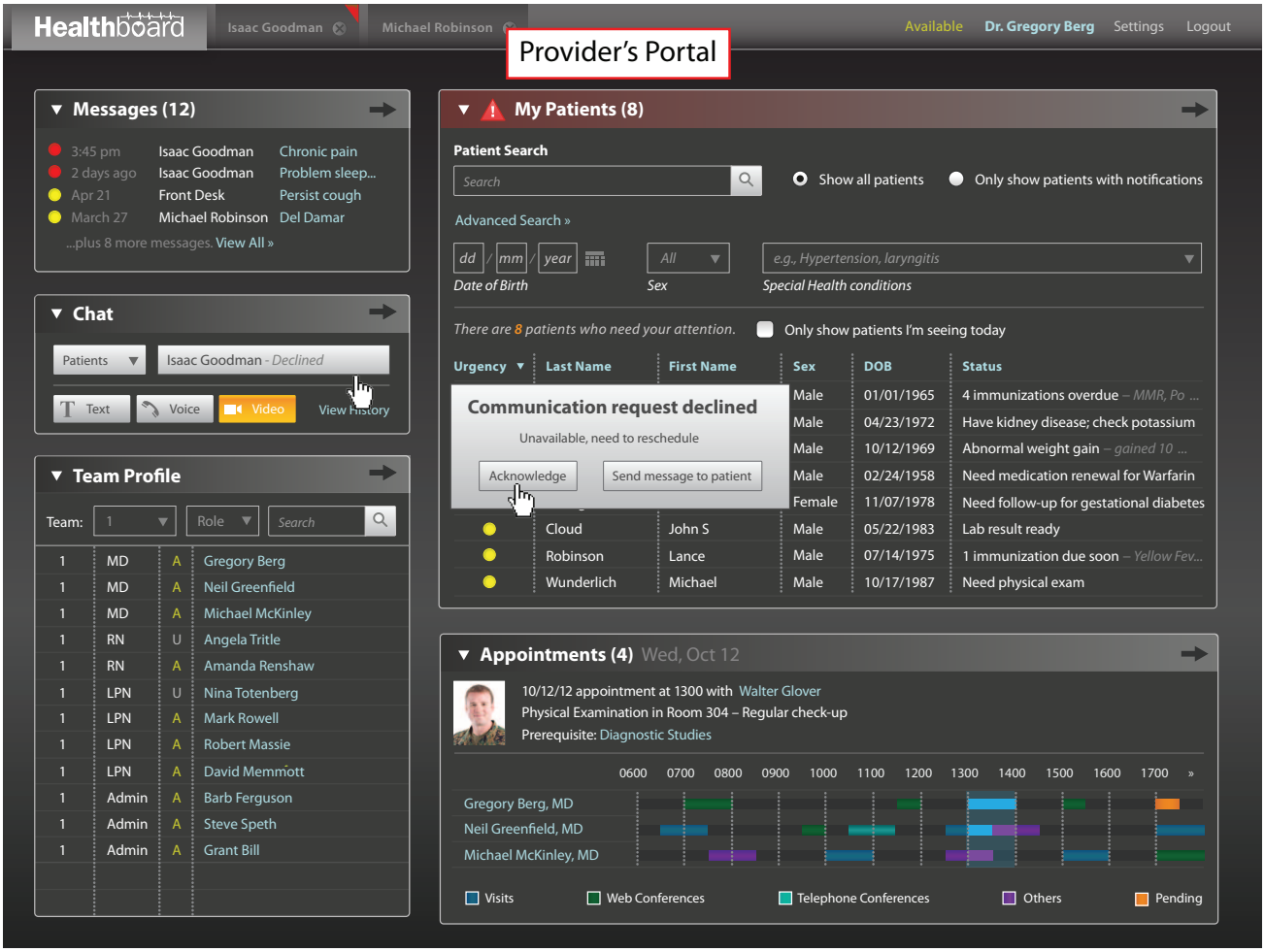
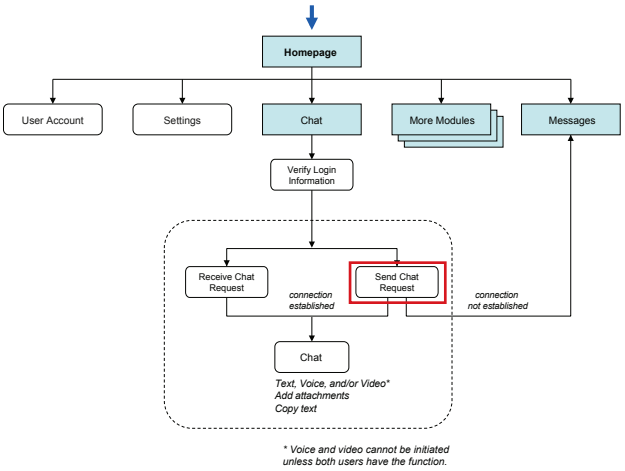
CHAT: CHAT REQUEST DECLINED



If the request is declined, the requesting user has the option to acknowledge the action or to send a message (via *Message* module) to the patient.



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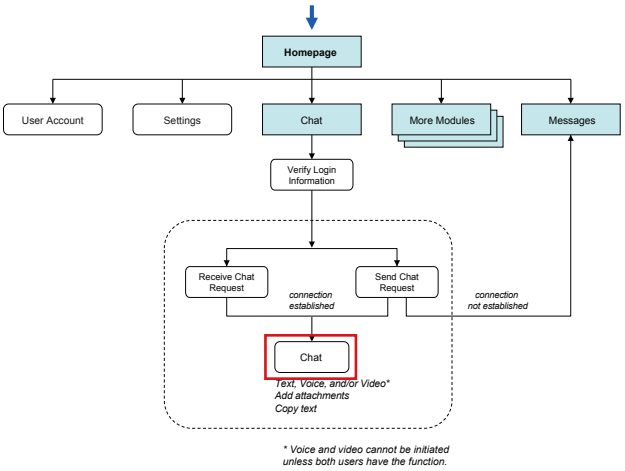
CHAT: VIDEO CHAT

If the request is accepted, the chat window appears on the bottom right. With the "Video" icon selected, the user has the ability to speak through mic as well as send supplemental text-based communication.



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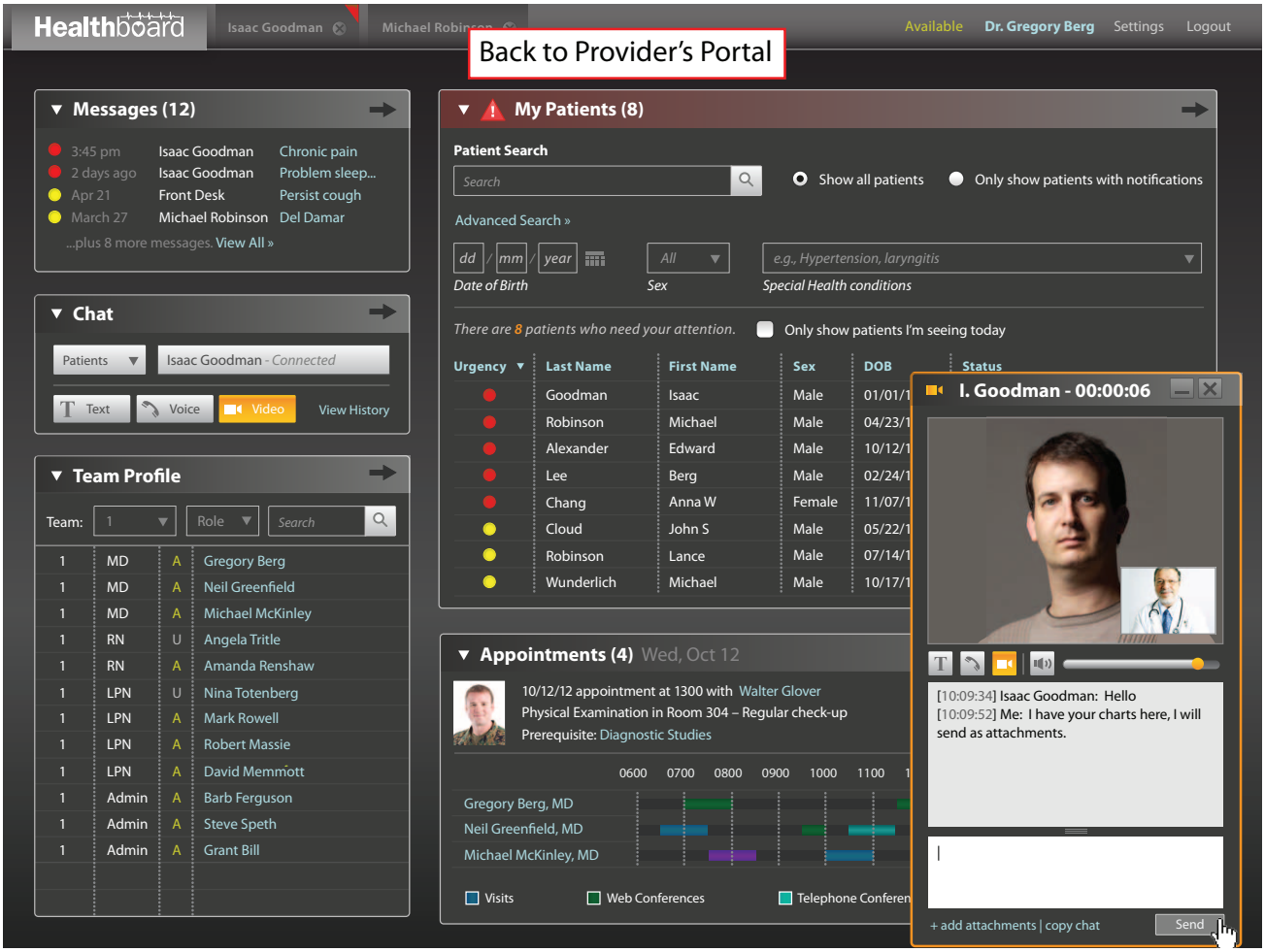
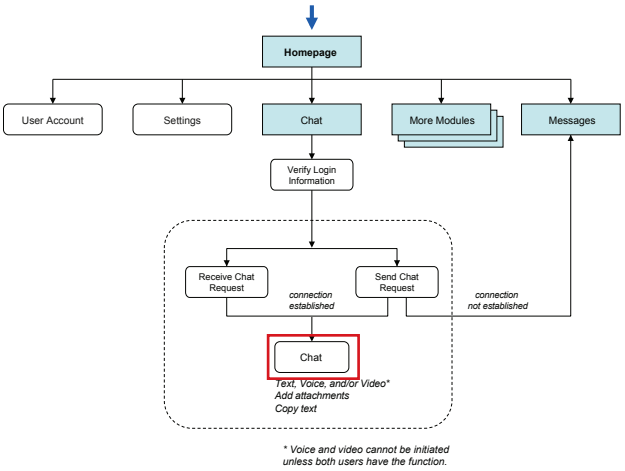
CHAT: VIDEO CHAT



As a default, the chat window appears on the bottom right of the screen for both users.



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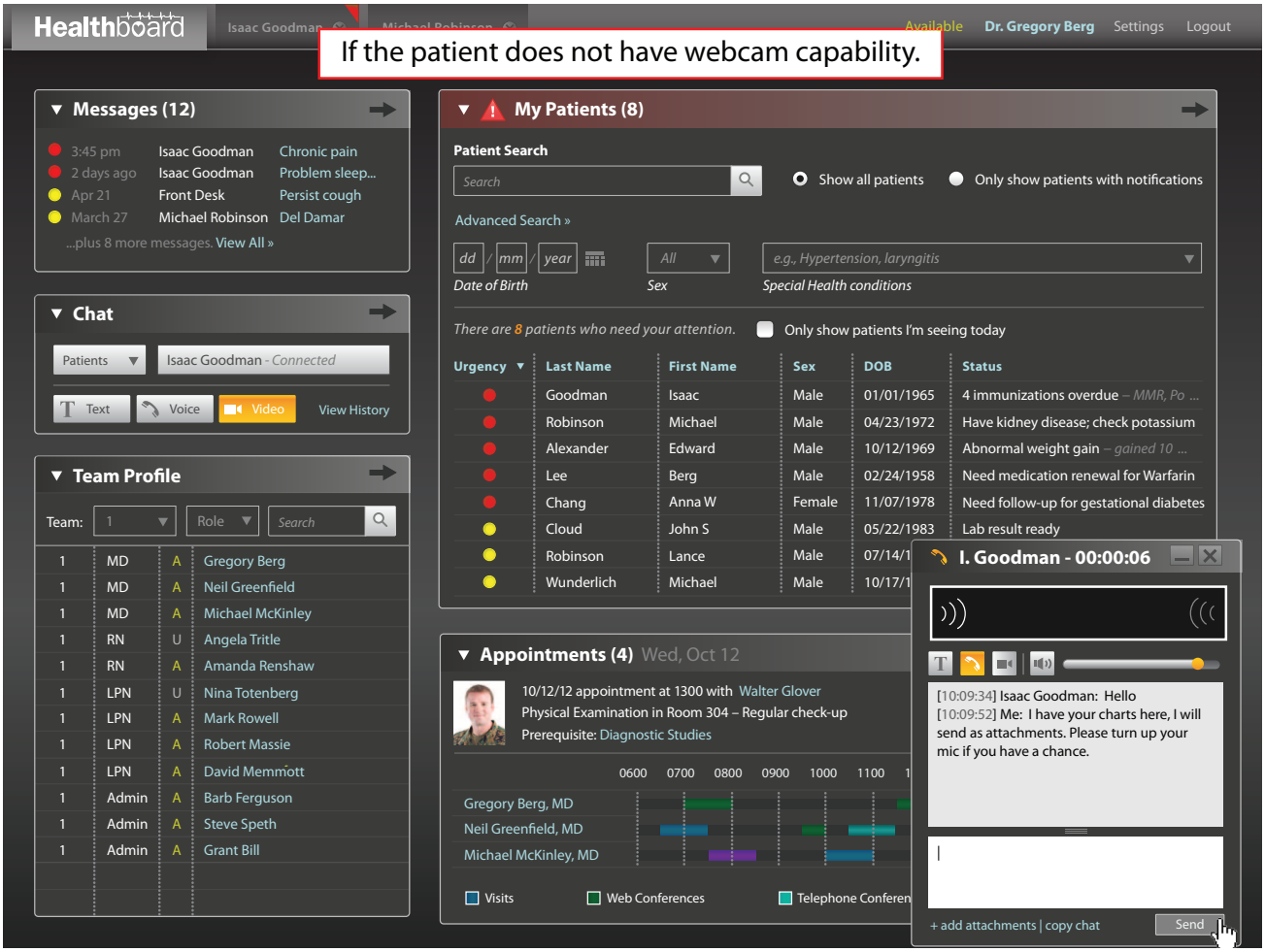
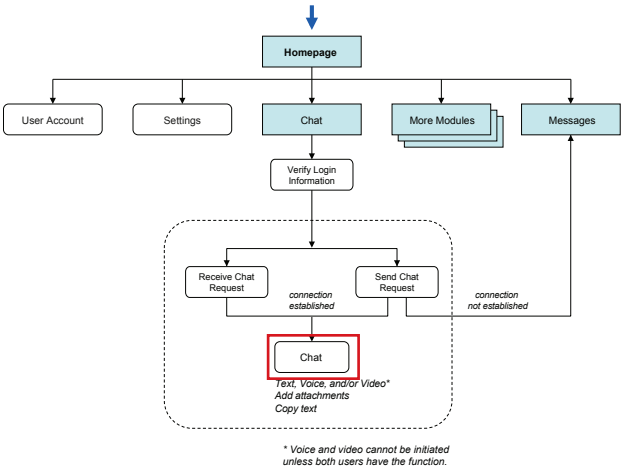
CHAT: VOICE CHAT



If the user does not have webcam capability and the video icon was selected, then the chat would automatically turn to voice-based chat.



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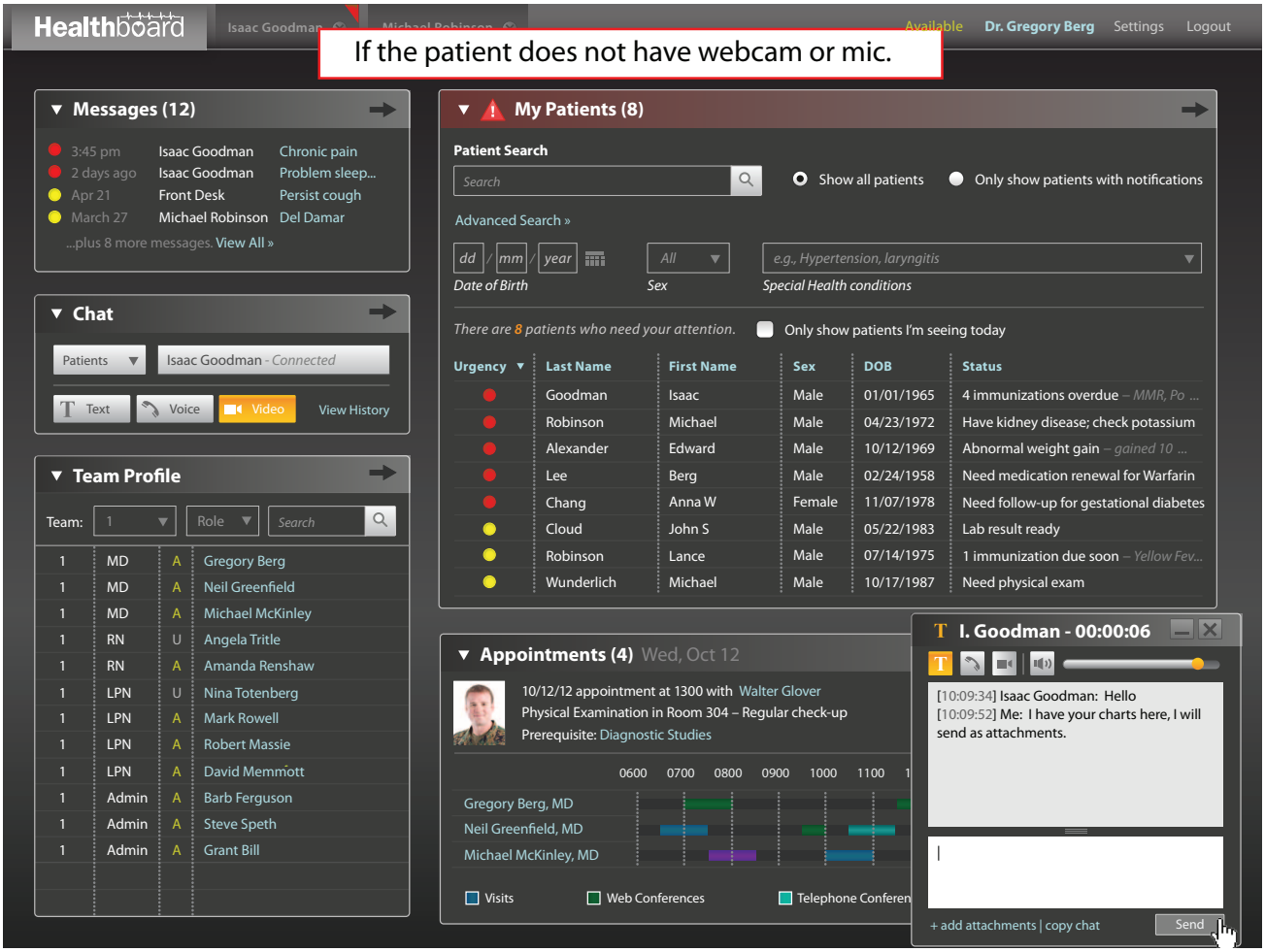
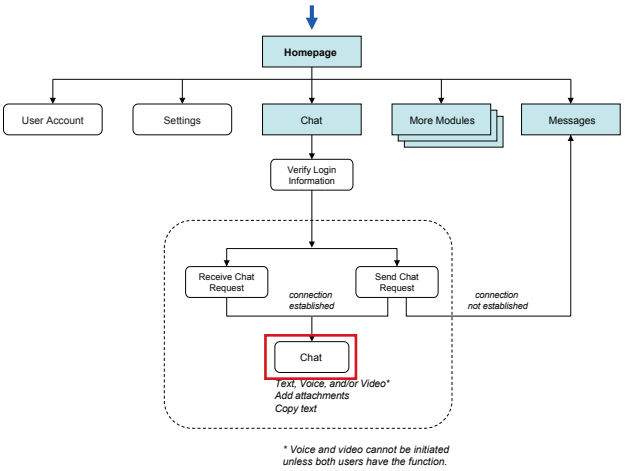
CHAT: TEXT CHAT



If the other user does not have webcam or voice capability, then the chat is only text-based.



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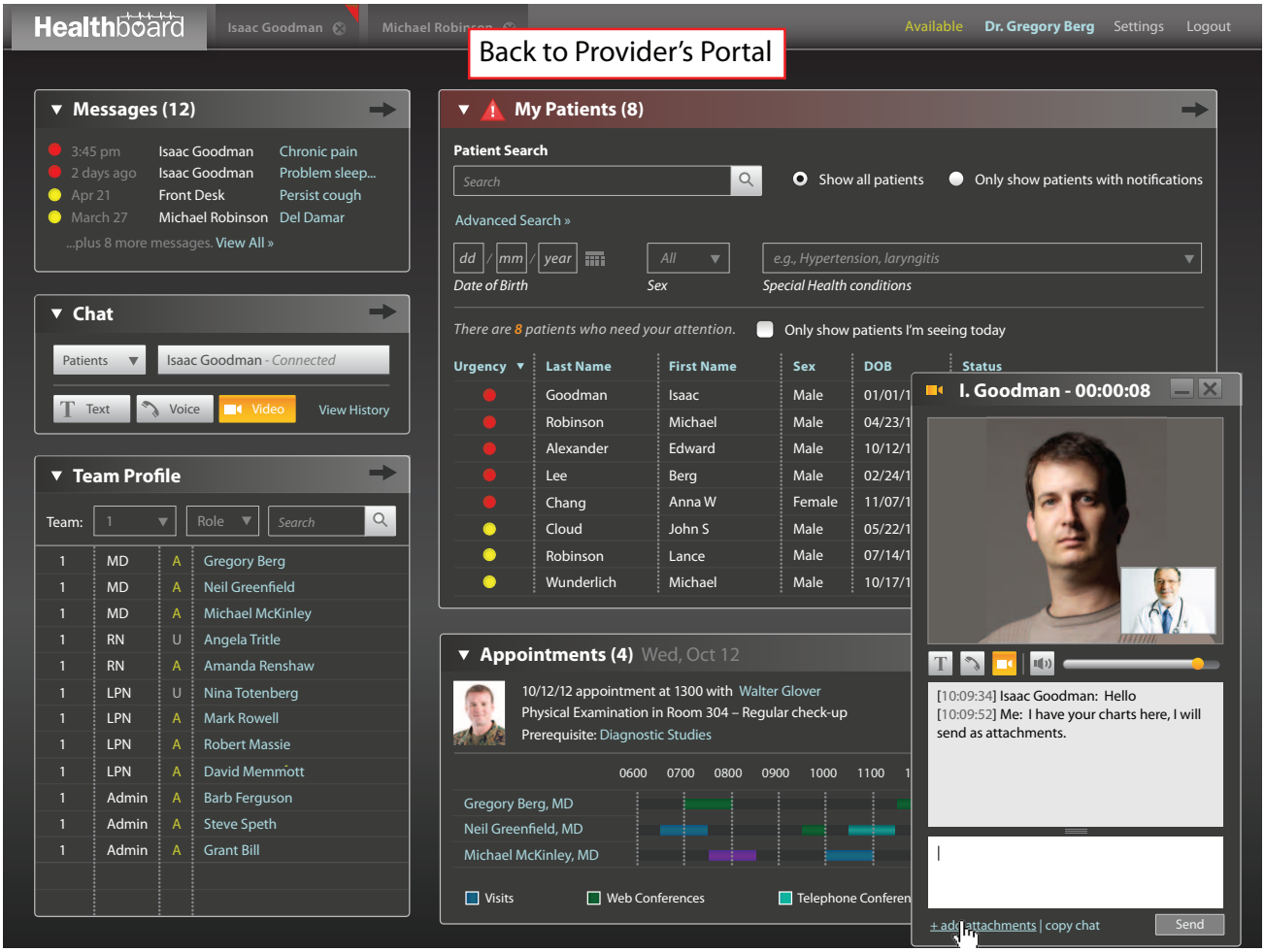
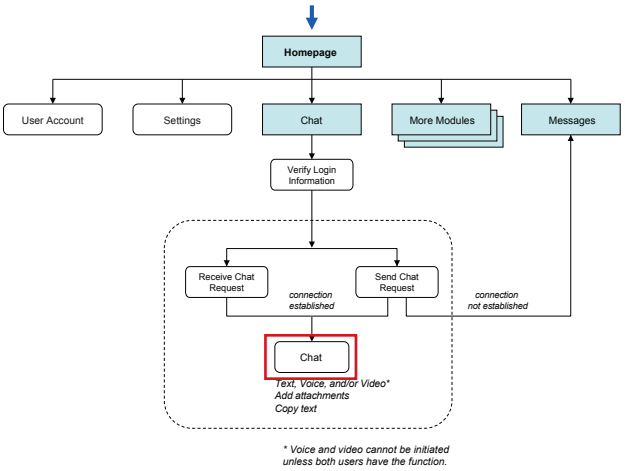
CHAT: ATTACHMENT



The user has the ability to add attachments to share within the conversation.



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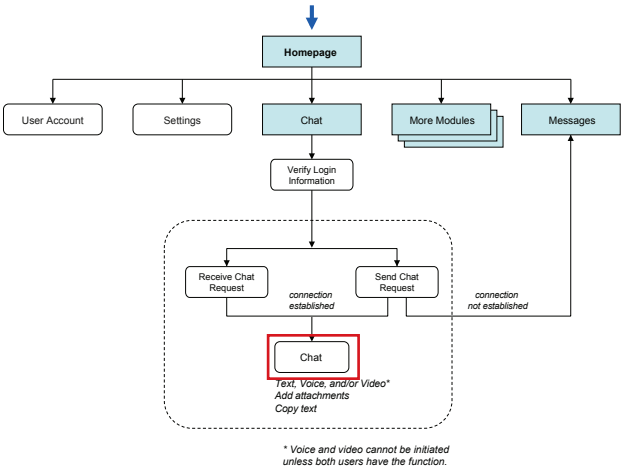
CHAT: ATTACHMENT

The "+ add attachments" link will launch a pop up window allowing the user to browse files to share.



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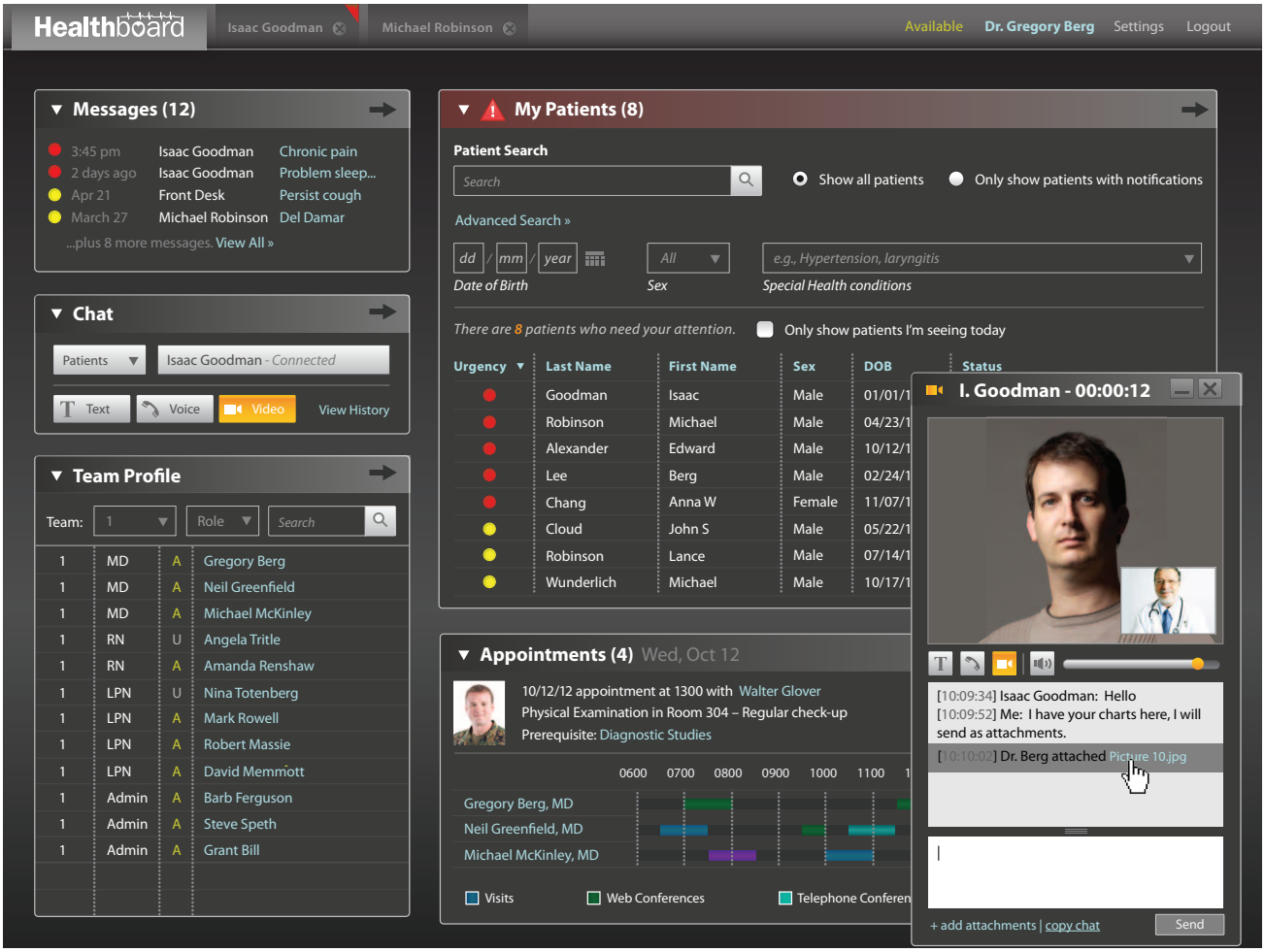
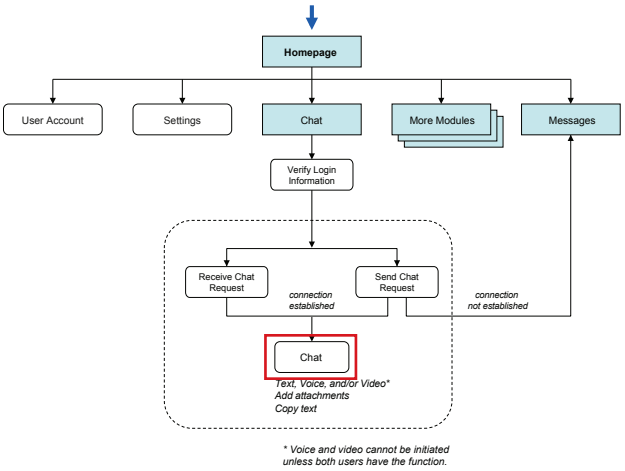
CHAT: ATTACHMENT



The attachment is downloadable by both users.



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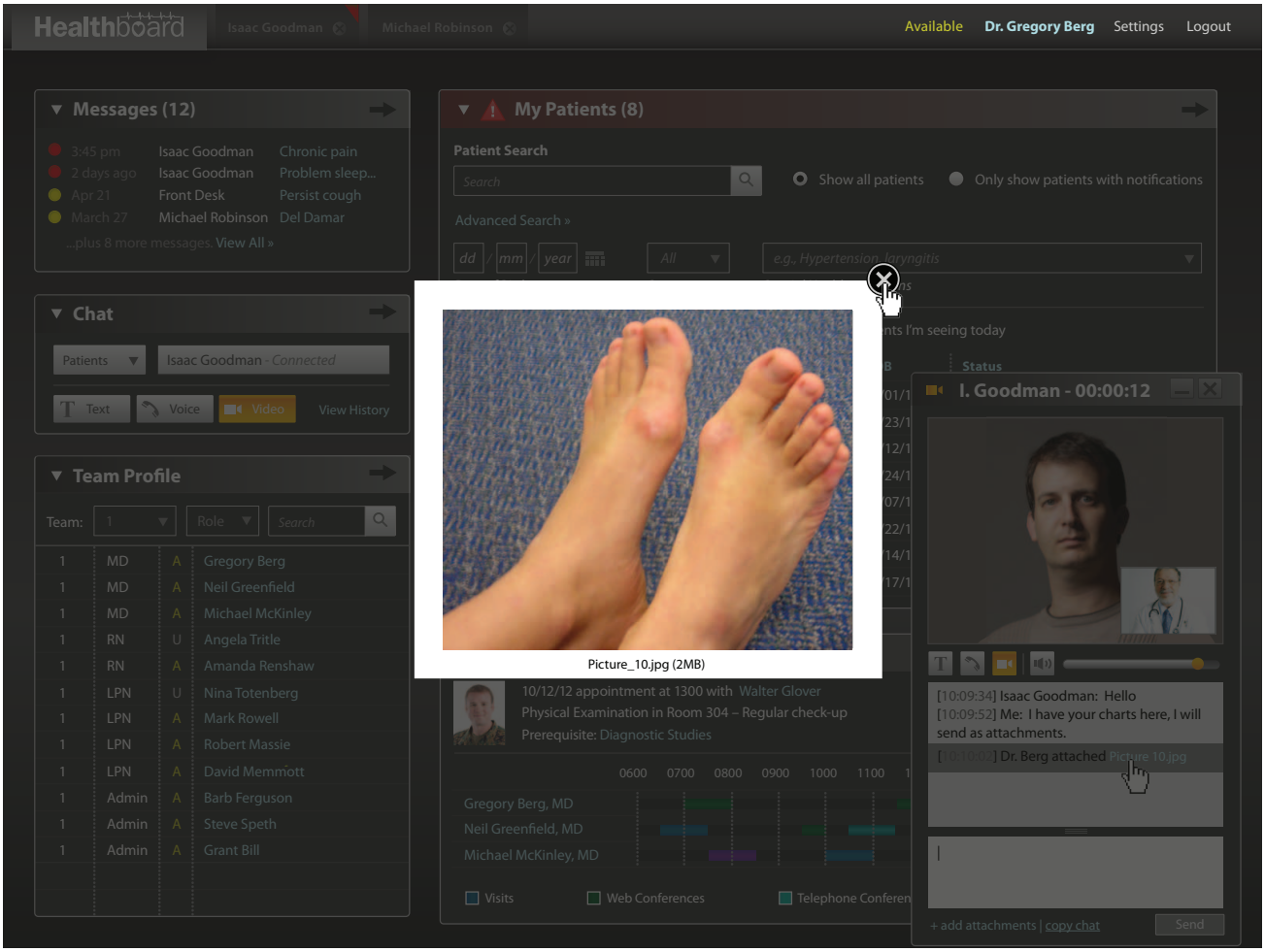
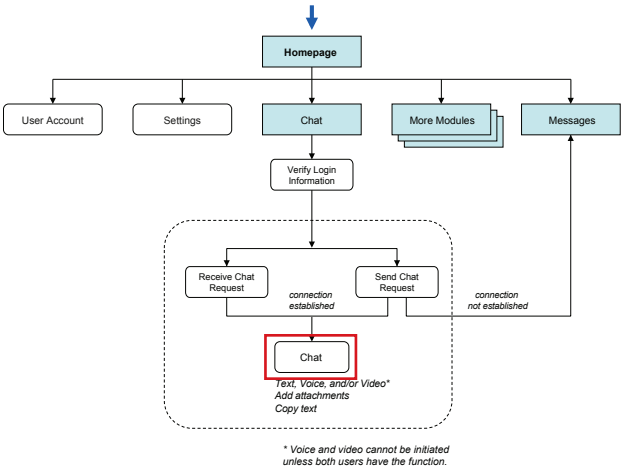
CHAT: ATTACHMENT



When the attachment is clicked, a pop up window is displayed with a preview of the attachment.



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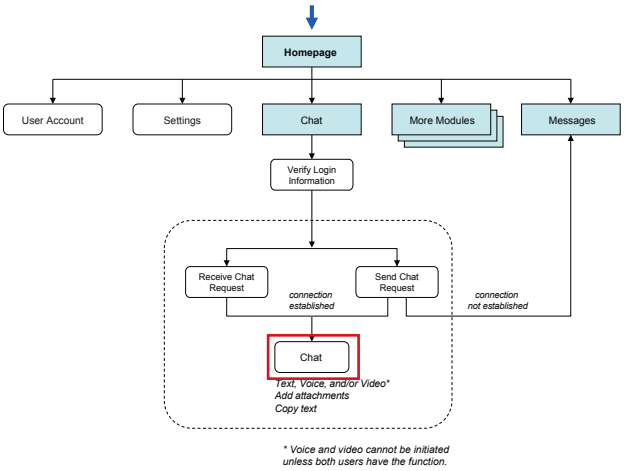
CHAT: COPY CHAT

The user can copy the text-based chat conversation into an external application by clicking the "copy chat" link.



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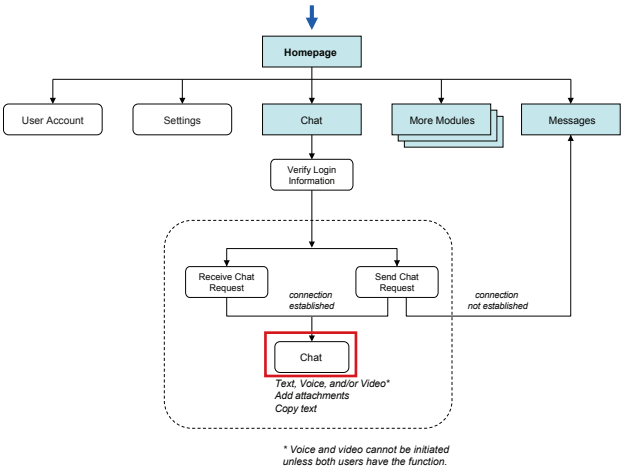
CHAT: COPY CHAT

The conversation is copied to "Clipboard" and can be pasted into other external application.



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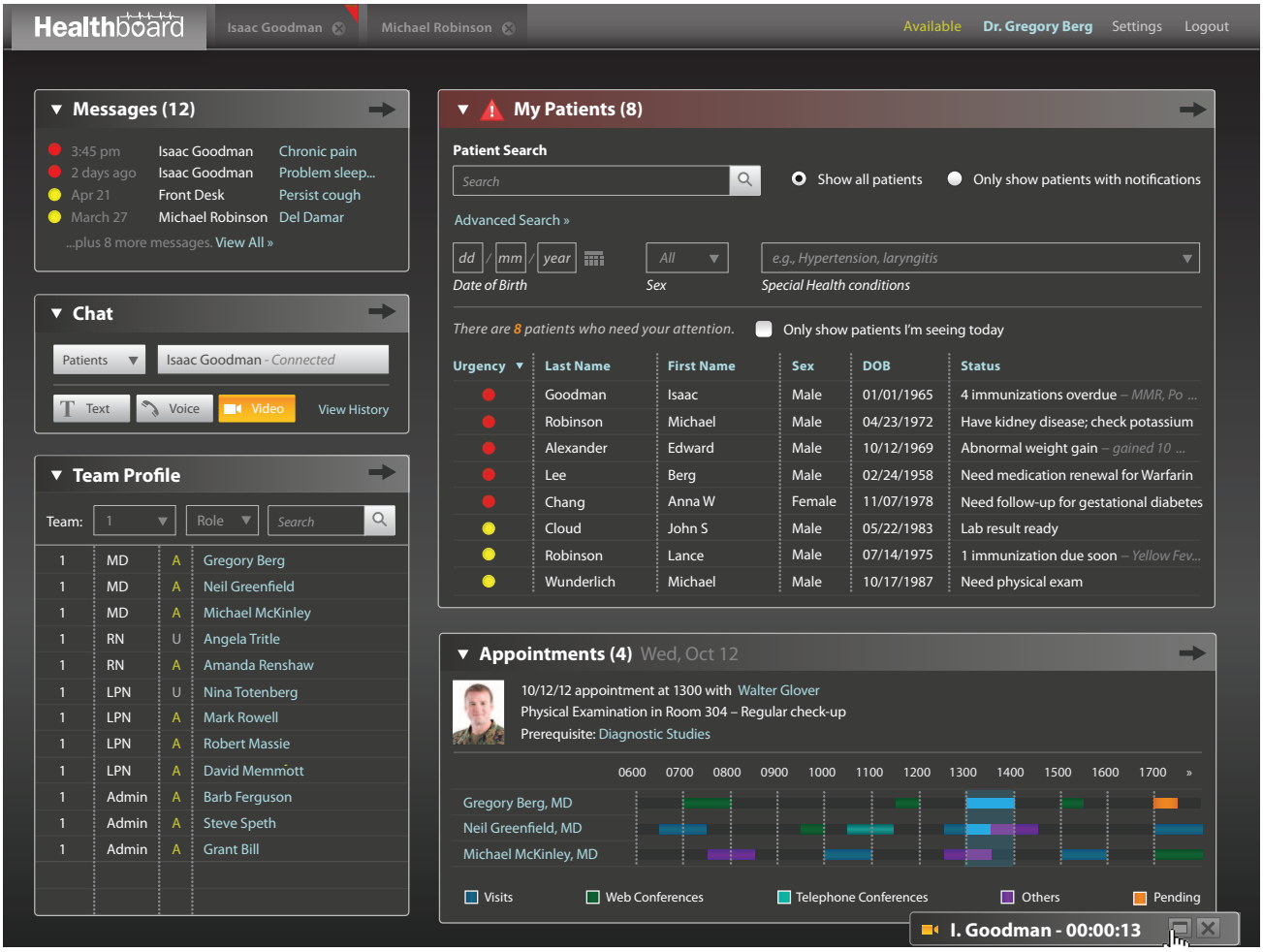
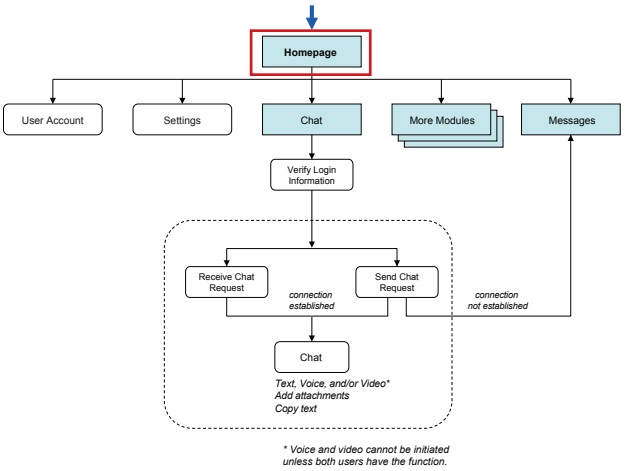
FOR INFORMATION MAPPING

CHAT: CHAT MINIMIZED



The user can minimize the chat window. If video and voice-based communication is enabled, it remains active.



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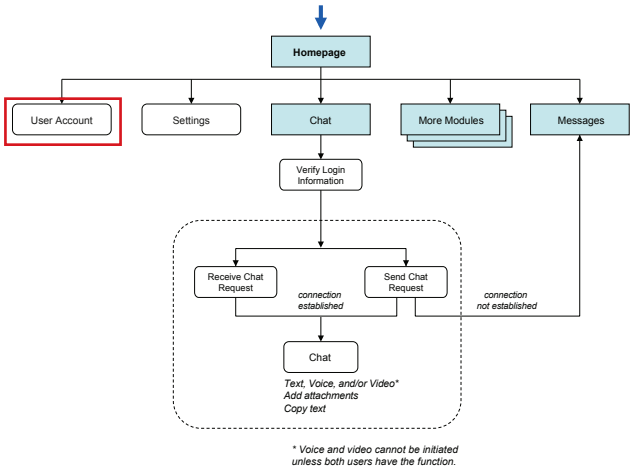
CHAT: CHAT REQUEST

The user can also access the chat option by clicking on the patient's name in *Patient Profile* through "Start Chat." The status display informs of the user's availability. Other options include "View profile," "View appointments" (via *Appointments* module), and "Send a message" (via *Messages* module).



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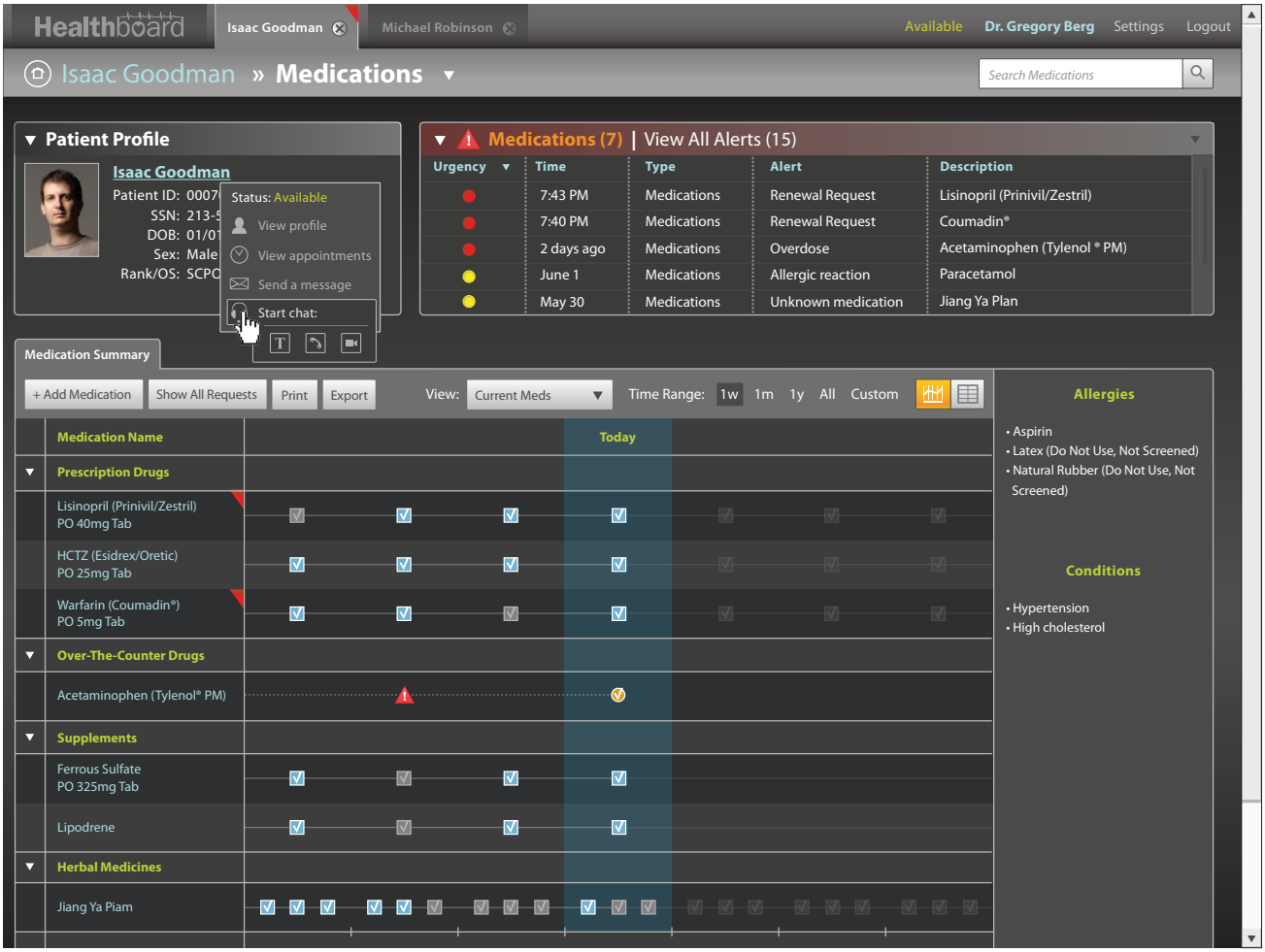
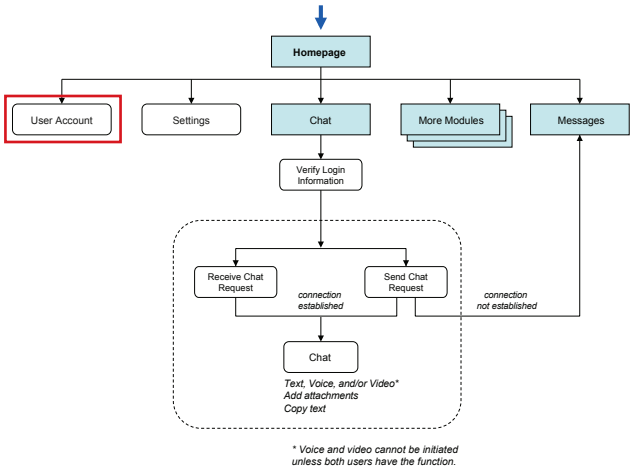
CHAT: CHAT REQUEST



The user hovers over "Start chat" to display connection options with Isaac Goodman.



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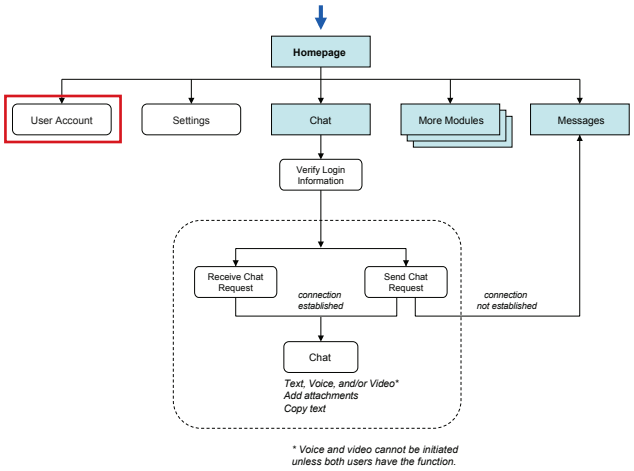
CHAT: CHAT REQUEST

The user sends a chat request by selecting one of the three methods provided.



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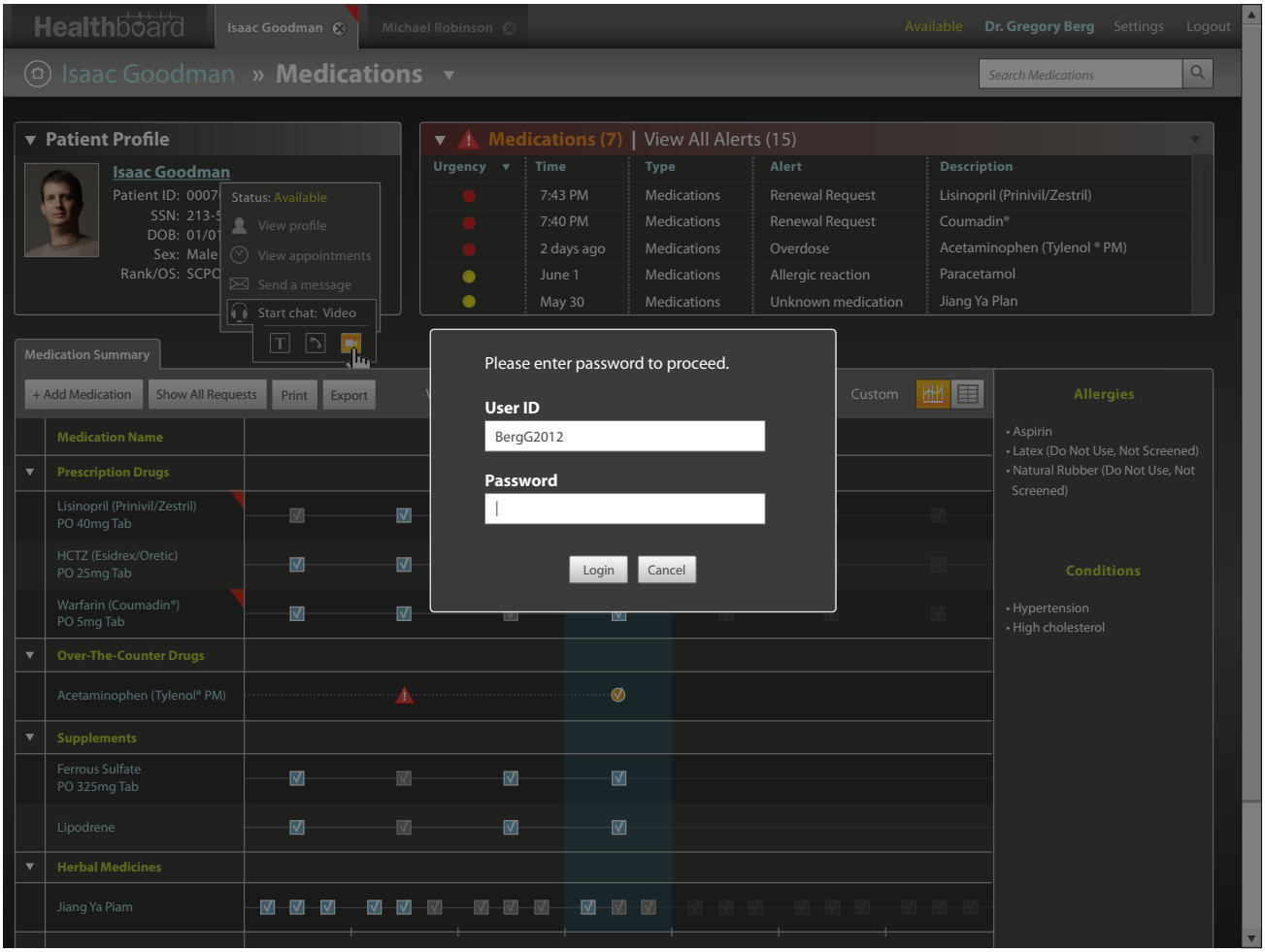
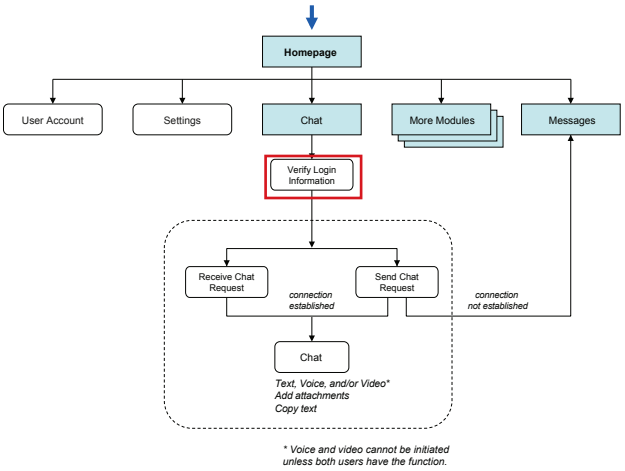
CHAT: CHAT REQUEST VERIFICATION



The user is asked to verify the login information before initiating communication with another user.



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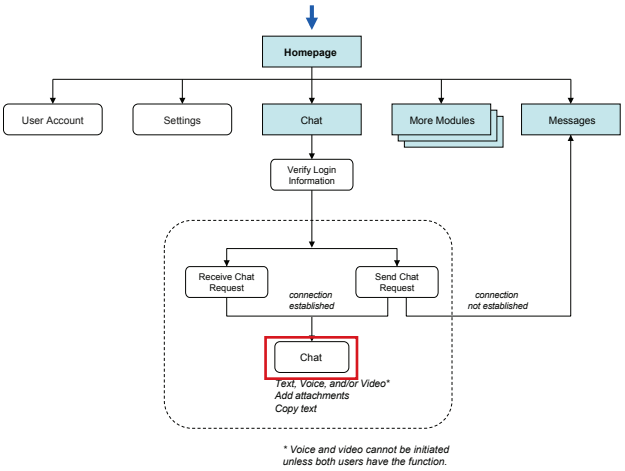
CHAT: VIDEO CHAT

Upon verification, the chat window pops up on the bottom right of the screen.



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CHAT: CHAT REQUEST

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Team Profile ▾ | Search Team Profile

Show all
Team 1
Team 2
Team 3
Team 4
Team 5
Team 6

Profiles

Team 1
Date Created: August 1, 2011
Created by: Henry Spencer (ADMIN)
Purpose: General care and emergency care
Last Updated: August 5, 2011
Updated by: Barb Ferguson
Location: NNMC
Team members: 10

View Team Schedule »
Message to Team »

MD
Message to All MD »

Dr. Gregory Berg
Dr. Neil Greenfield
Dr. Michael McKinley

RN
Message to All RN »

Angela Tritle
Amanda Renshaw

LPN
Message to All LPN »

Nina Totenberg
Mark Rowell
Robert Massie
David Memmott

ADMIN
Message to All ADMIN »

Barb Ferguson
David Speth
Grant Bill

MD Profile
Dr. Gregory Berg
Specialty: General Practice
Board: Certified
Title: MD
Team: 1

MD Profile
Dr. Neil Greenfield
Specialty: Family Medicine
Board: Certified
Title: MD
Team: 1
Status: Available
View profile
View appointments
Send a message
Start chat

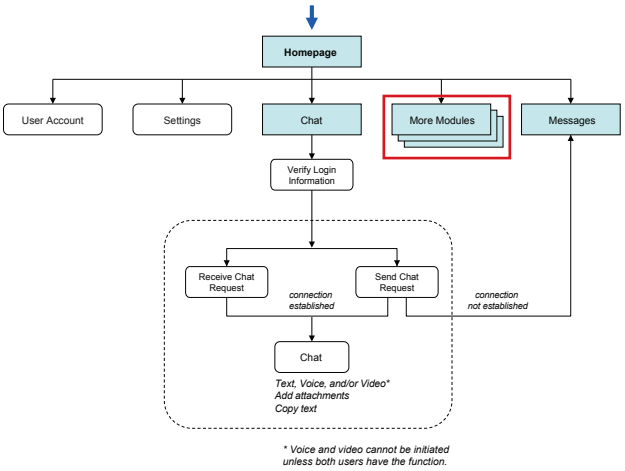
MD Profile
Dr. Michael McKinley
Specialty: General Practice
Board: Certified
Title: MD
Team: 1

RN Profile
Angela Tritle
Specialty: Diabetes
Board: Certified
Title: RN
Team: 1

RN Profile
Amanda Renshaw
Specialty: Pain Management
Board: Certified
Title: RN
Team: 1

LPN Profile
Nina Totenberg
Specialty: Office Nursing
Board: Certified
Title: RN
Team: 1

The user can access the same options from the *Team Profile* module. The user can access the chat request options by clicking on the provider's name.



PIIM
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CHAT: CHAT REQUEST

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Team Profile ▾ | Search Team Profile

Show all
Team 1
Team 2
Team 3
Team 4
Team 5
Team 6

Profiles

Team 1
Date Created: August 1, 2011
Created by: Henry Spencer (ADMIN)
Purpose: General care and emergency care
Last Updated: August 5, 2011
Updated by: Barb Ferguson
Location: NNMC
Team members: 10

View Team Schedule »
Message to Team »

MD
Message to All MD »

Dr. Gregory Berg
Dr. Neil Greenfield
Dr. Michael McKinley

RN
Message to All RN »

Angela Tritle
Amanda Renshaw

LPN
Message to All LPN »

Nina Totenberg
Mark Rowell
Robert Massie
David Memmott

ADMIN
Message to All ADMIN »

Barb Ferguson
David Speth
Grant Bill

MD Profile
Dr. Gregory Berg
Specialty: General Practice
Board: Certified
Title: MD
Team: 1

MD Profile
Dr. Neil Greenfield
Specialty: Family Medicine
Board: Certified
Title: MD
Team: 1

Status: Available
View profile
View appointments
Send a message
Start chat: Video

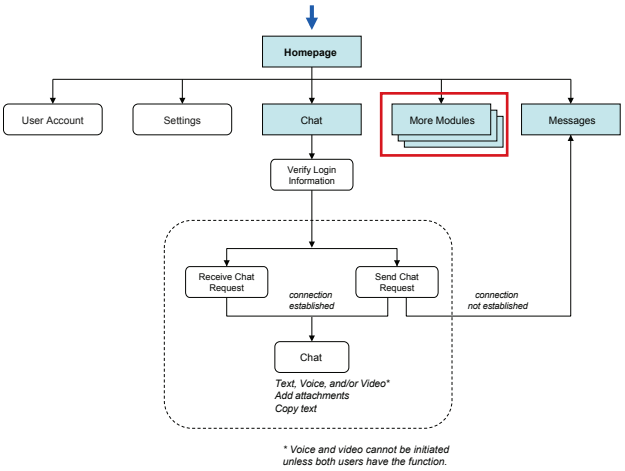
MD Profile
Dr. Michael McKinley
Specialty: General Practice
Board: Certified
Title: MD
Team: 1

RN Profile
Angela Tritle
Specialty: Diabetes
Board: Certified
Title: RN
Team: 1

RN Profile
Amanda Renshaw
Specialty: Pain Management
Board: Certified
Title: RN
Team: 1

LPN Profile
Nina Totenberg
Specialty: Office Nursing
Board: Certified
Title: RN
Team: 1

The user can send a chat request by selecting any of the three methods provided under "Start chat."



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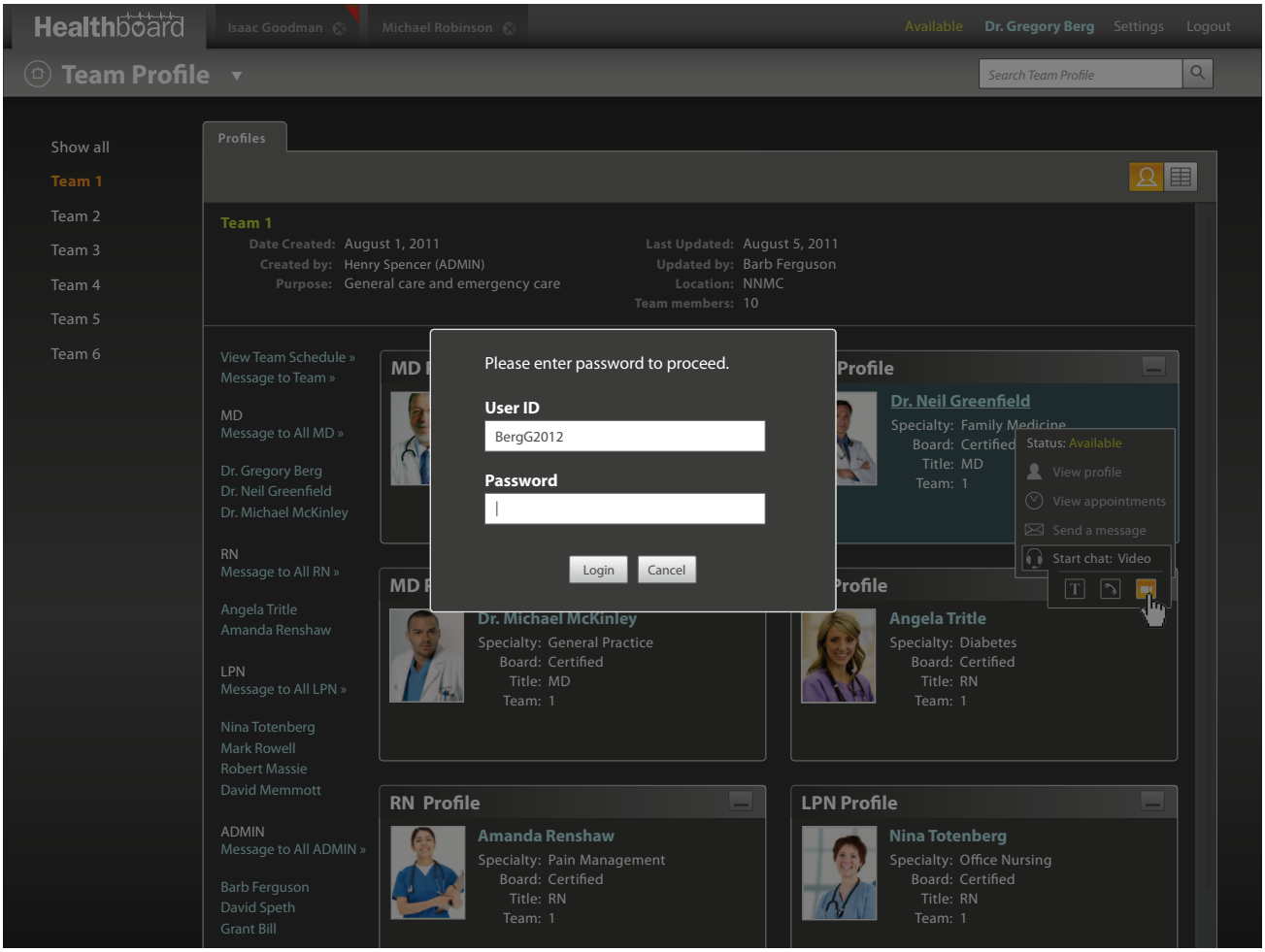
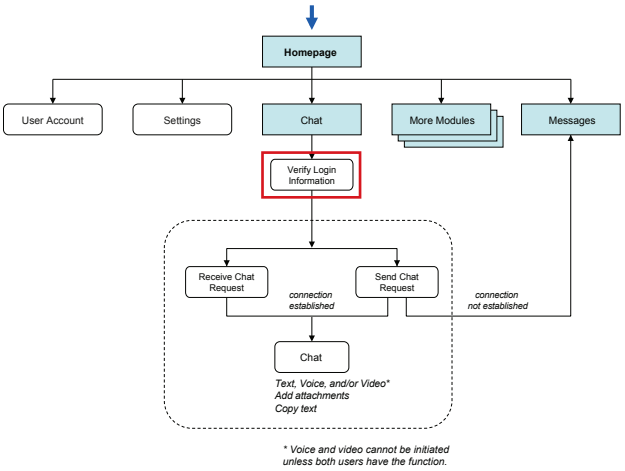
CHAT: CHAT REQUEST VERIFICATION



The user is asked to verify the login information before initiating communication with another user.



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CHAT: SEARCH PROVIDER

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages (12)

3:45 pm	Isaac Goodman	Chronic pain
2 days ago	Isaac Goodman	Problem sleep...
Apr 21	Front Desk	Persist cough
March 27	Michael Robinson	Del Damar

...plus 8 more messages. View All »

Chat

Provider | Greenfield |

Neil Greenfield, MD
Robert Greenfield, MD
Russel Greenfield, RN
Show all...

Text

Team Prof

Team: 1 | Role | Search

1	MD	A	Gregory Berg
1	MD	A	Neil Greenfield
1	MD	A	Michael McKinley
1	RN	U	Angela Tritle
1	RN	A	Amanda Renshaw
1	LPN	U	Nina Totenberg
1	LPN	A	Mark Rowell
1	LPN	A	Robert Massie
1	LPN	A	David Memmott
1	Admin	A	Barb Ferguson
1	Admin	A	Steve Speth
1	Admin	A	Grant Bill

My Patients (8)

Patient Search

Search | Show all patients | Only show patients with notifications

Advanced Search »

dd / mm / year — *Date of Birth* | All — *Sex* | e.g., Hypertension, laryngitis — *Special Health conditions*

There are 8 patients who need your attention. | Only show patients I'm seeing today

Urgency	Last Name	First Name	Sex	DOB	Status
	Goodman	Isaac	Male	01/01/1965	4 immunizations overdue – *MMR, Po ...*
	Robinson	Michael	Male	04/23/1972	Have kidney disease; check potassium
	Alexander	Edward	Male	10/12/1969	Abnormal weight gain – *gained 10 ...*
	Lee	Berg	Male	02/24/1958	Need medication renewal for Warfarin
	Chang	Anna W	Female	11/07/1978	Need follow-up for gestational diabetes
	Cloud	John S	Male	05/22/1983	Lab result ready
	Robinson	Lance	Male	07/14/1975	1 immunization due soon – *Yellow Fev...*
	Wunderlich	Michael	Male	10/17/1987	Need physical exam

Appointments (4) Wed, Oct 12

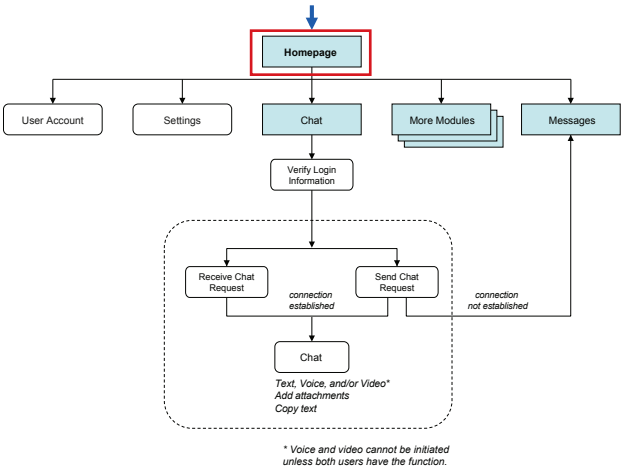
10/12/12 appointment at 1300 with Walter Glover
Physical Examination in Room 304 – Regular check-up
Prerequisite: Diagnostic Studies

0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 »

Gregory Berg, MD
Neil Greenfield, MD
Michael McKinley, MD

Visits | Web Conferences | Telephone Conferences | Others | Pending

The user can also contact the provider by using the *Chat* widget and selecting "Provider" before search.



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CHAT: CHAT PREFERENCES

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

User Profile
Preferences...
Sync now

Set preferences for general settings, notifications and modules.

Messages (12)

3:45 pm	Isaac Goodman	Chronic pain
2 days ago	Isaac Goodman	Problem sleep...
Apr 21	Front Desk	Persist cough
March 27	Michael Robinson	Del Damar

...plus 8 more messages. View All »

Chat

Patients | Search name

Text | Voice | Video | View History

Team Profile

Team: 1 | Role | Search

1	MD	A	Gregory Berg
1	MD	A	Neil Greenfield
1	MD	A	Michael McKinley
1	RN	U	Angela Tritle
1	RN	A	Amanda Renshaw
1	LPN	U	Nina Totenberg
1	LPN	A	Mark Rowell
1	LPN	A	Robert Massie
1	LPN	A	David Memmott
1	Admin	A	Barb Ferguson
1	Admin	A	Steve Speth
1	Admin	A	Grant Bill

My Patients (8)

Patient Search | Search | Show all patients | 0pm 5/7/2012 | tions

Advanced Search »

dd / mm / year — Date of Birth | All — Sex | e.g., Hypertension, laryngitis — Special Health conditions

There are 8 patients who need your attention. | Only show patients I'm seeing today

Urgency	Last Name	First Name	Sex	DOB	Status
	Goodman	Isaac	Male	01/01/1965	4 immunizations overdue – MMR, Po ...
	Robinson	Michael	Male	04/23/1972	Have kidney disease; check potassium
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	Lee	Berg	Male	02/24/1958	Need medication renewal for Warfarin
	Chang	Anna W	Female	11/07/1978	Need follow-up for gestational diabetes
	Cloud	John S	Male	05/22/1983	Lab result ready
	Robinson	Lance	Male	07/14/1975	1 immunization due soon – Yellow Fev...
	Wunderlich	Michael	Male	10/17/1987	Need physical exam

Appointments (4) Wed, Oct 12

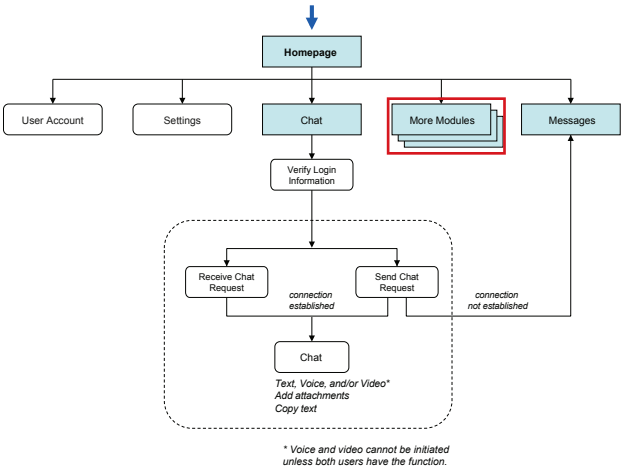
10/12/12 appointment at 1300 with Walter Glover
Physical Examination in Room 304 – Regular check-up
Prerequisite: Diagnostic Studies

0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 »

Gregory Berg, MD
Neil Greenfield, MD
Michael McKinley, MD

Visits | Web Conferences | Telephone Conferences | Others | Pending

The user can change the settings by clicking "Settings" link on the top right corner and then "Preferences..." from the drop down menu.



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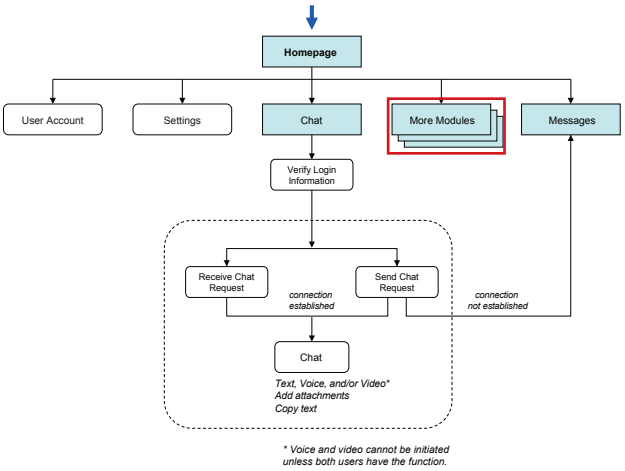
CHAT: CHAT PREFERENCES (CONTINUED)

When the Set Preferences window pops up, "Chat" tab is already selected by default. The user can set preferences such as window positioning and other features.



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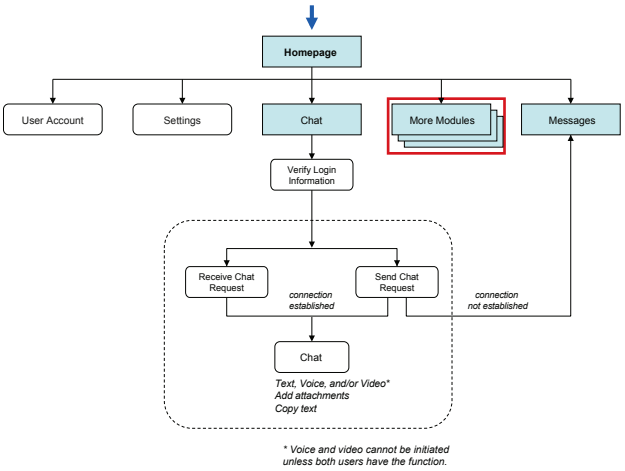
CHAT: CHAT PREFERENCES (CONTINUED)

The user changes settings and clicks the "Save" button.



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CHAT: CHAT PREFERENCES (CONTINUED)

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages (12)

3:45 pm	Isaac Goodman	Chronic pain
2 days ago	Isaac Goodman	Problem sleep...
Apr 21	Front Desk	Persist cough
March 27	Michael Robinson	Del Damar

...plus 8 more messages. View All »

Chat

Patients | Isaac Goodman - *Connecting...*

Text | View History

Team Profile

Team: 1 | Role | Search

1	MD	A	Gregory Berg
1	MD	A	Neil Greenfield
1	MD	A	Michael McKinley
1	RN	U	Angela Tritle
1	RN	A	Amanda Renshaw
1	LPN	U	Nina Totenberg
1	LPN	A	Mark Rowell
1	LPN	A	Robert Massie
1	LPN	A	David Memmott
1	Admin	A	Barb Ferguson
1	Admin	A	Steve Speth
1	Admin	A	Grant Bill

My Patients (8)

Patient Search

Search | Show all patients | Only show patients with notifications

Advanced Search »

dd / mm / year (*Date of Birth*) | All (*Sex*) | e.g., Hypertension, laryngitis (*Special Health conditions*)

There are 8 patients who need your attention. | Only show patients I'm seeing today

Urgency	Last Name	First Name	Sex	DOB	Status
	Goodman	Isaac	Male	01/01/1965	4 immunizations overdue – *MMR, Po ...*
	Robinson	Michael	Male	04/23/1972	Have kidney disease; check potassium
	Alexander	Edward	Male	10/12/1969	Abnormal weight gain – *gained 10 ...*
	Lee	Berg	Male	02/24/1958	Need medication renewal for Warfarin
	Chang	Anna W	Female	11/07/1978	Need follow-up for gestational diabetes
	Cloud	John S	Male	05/22/1983	Lab result ready
	Robinson	Lance	Male	07/14/1975	1 immunization due soon – *Yellow Fev...*
	Wunderlich	Michael	Male	10/17/1987	Need physical exam

Appointments (4) Wed, Oct 12

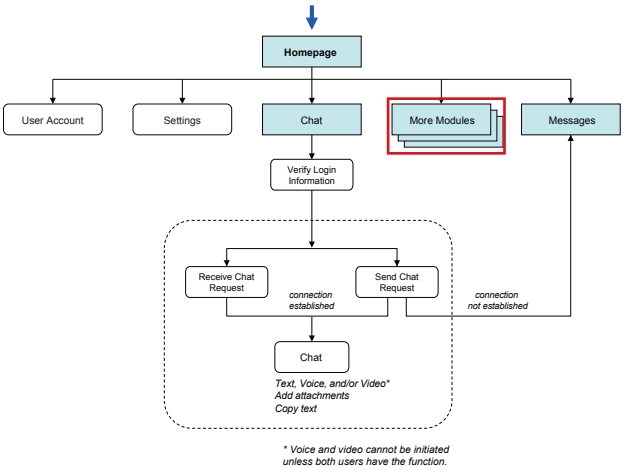
10/12/12 appointment at 1300 with Walter Glover
Physical Examination in Room 304 – Regular check-up
Prerequisite: Diagnostic Studies

0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 »

Gregory Berg, MD
Neil Greenfield, MD
Michael McKinley, MD

Visits | Web Conferences | Telephone Conferences | Others | Pending

Once the new settings are saved, the widget is modified accordingly. The user initiates a chat.



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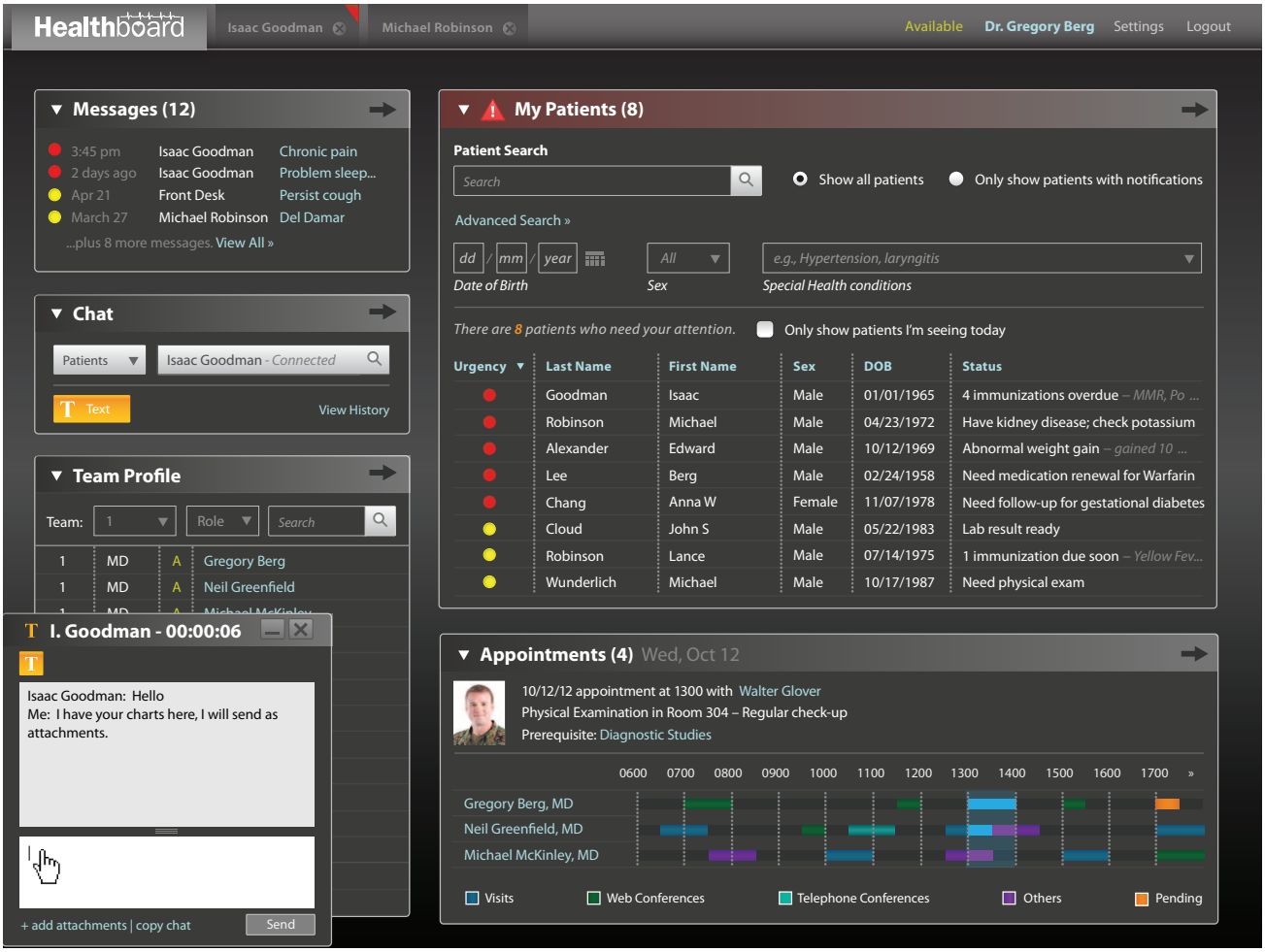
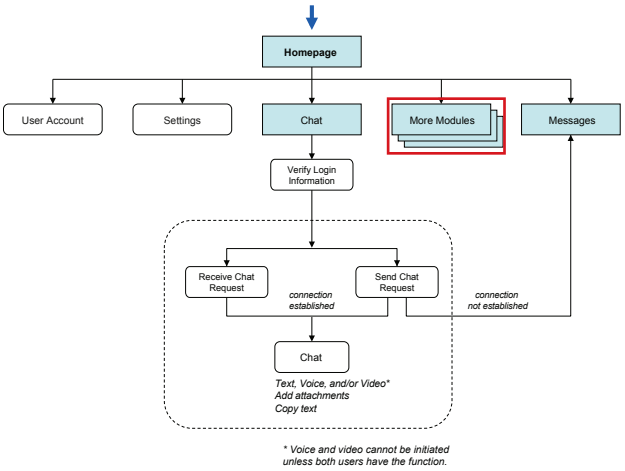
CHAT: CHAT PREFERENCES (CONTINUED)



The chat window now appears at the bottom left, as the user specified in *Preferences*. Also, the chat options within the window have been modified according to the new settings.



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User Preferences

INTRODUCTION This section of the Detailed GUI Volume documents the design of the Providers Portal's *User Preferences* for the Visual Dashboard for a Patient Centered Medical Home (PCMH). The documentation includes both workflow diagrams and visual models: the workflow diagrams detail the user experience and interactions within these features, and the visual models present graphic assets and elements within these features.

The following are high-level objectives for *User Preferences*:

- To allow the user to view and control the user preference items grouped into four categories: *General*, *Notifications*, *Security*, and *Module-specific*.
- Through *General* preferences the user can modify color scheme, font size, units (in length and weight), time zone, date & time, and language.
- Through *Notifications* the user can set up and modify alerts tied to certain applicable modules and components.
- Through *Security* the user can enable and control anto-locking, options for the system to re-authenticate when entering certain modules chosen by the user.
- Through *Module-specific* preferences the user can set preferences on four modules: *Appointments*, *Messages*, *Patients*, and *Chat*.

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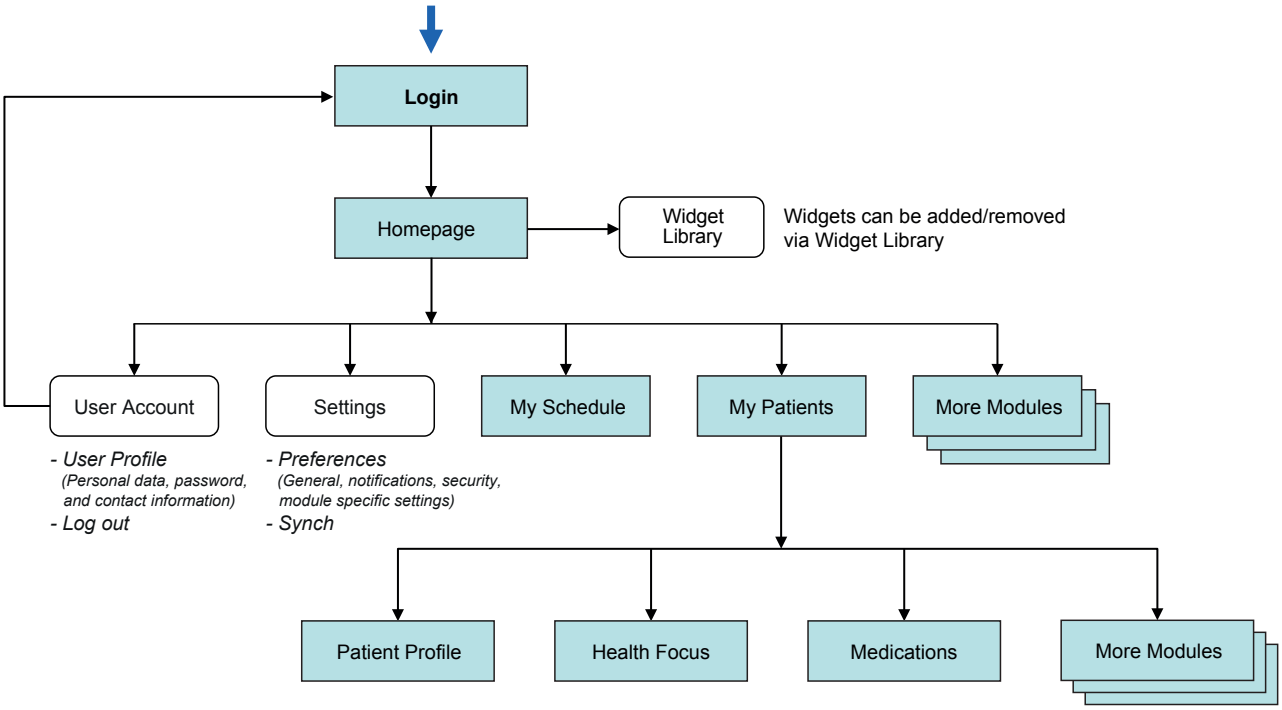
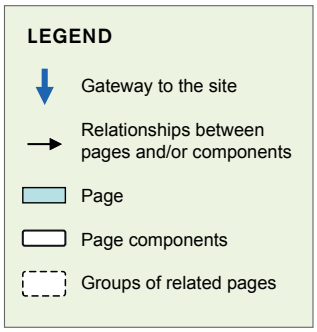
FLOWCHART FOR USER PREFERENCES MODULE





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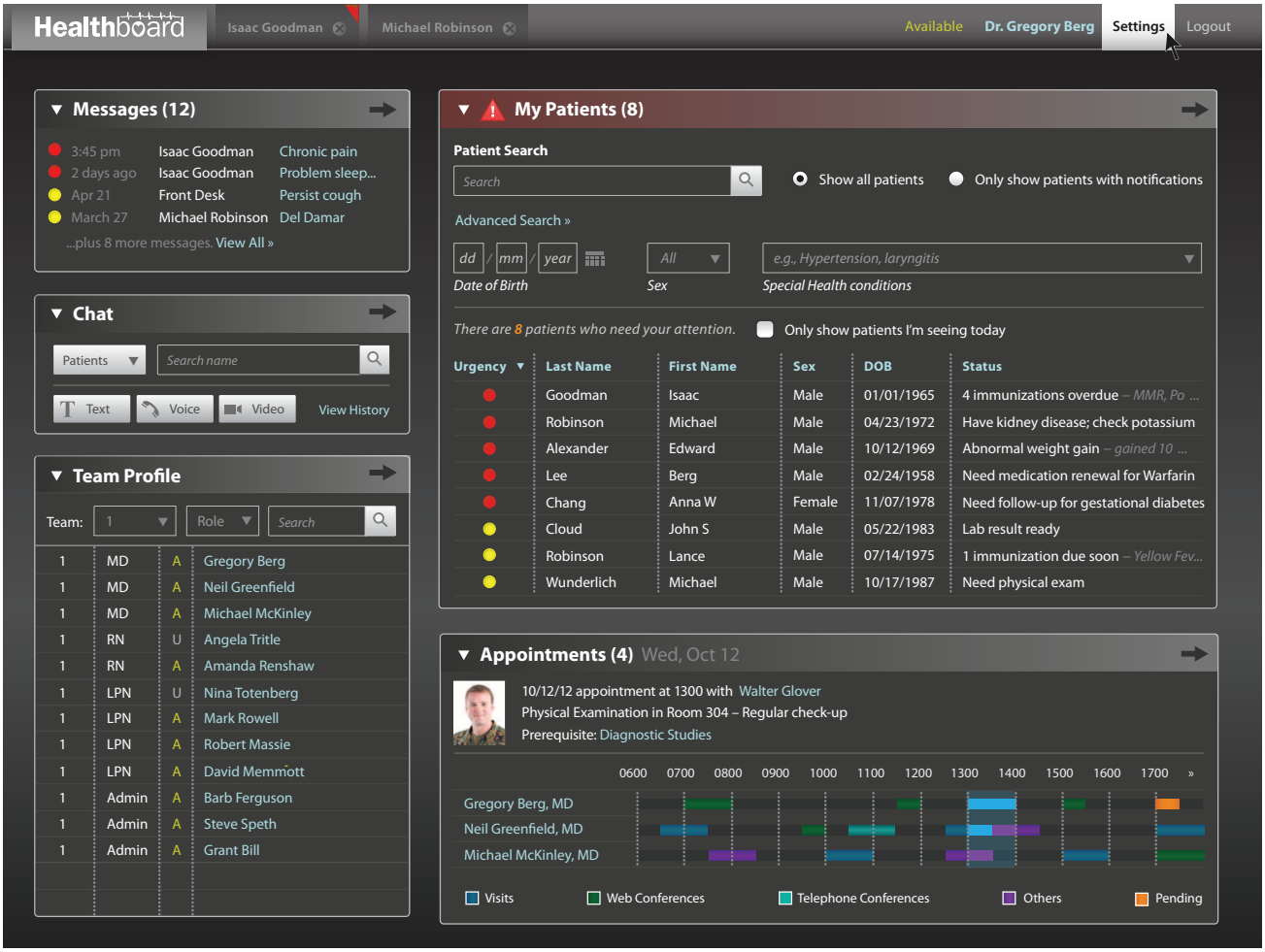
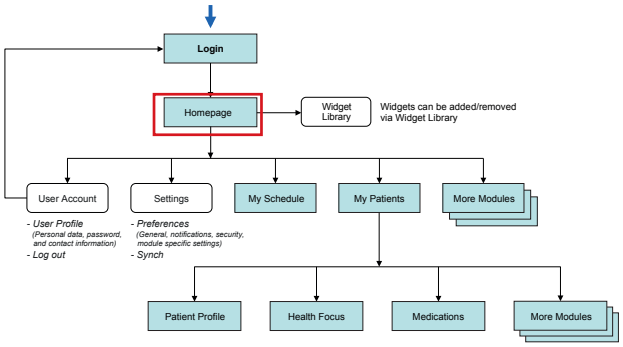
USER PREFERENCES: HOMEPAGE — SYNCHRONIZATION



Settings is located on the top right and allows the user to sync *HealthBoard* with AHLTA.



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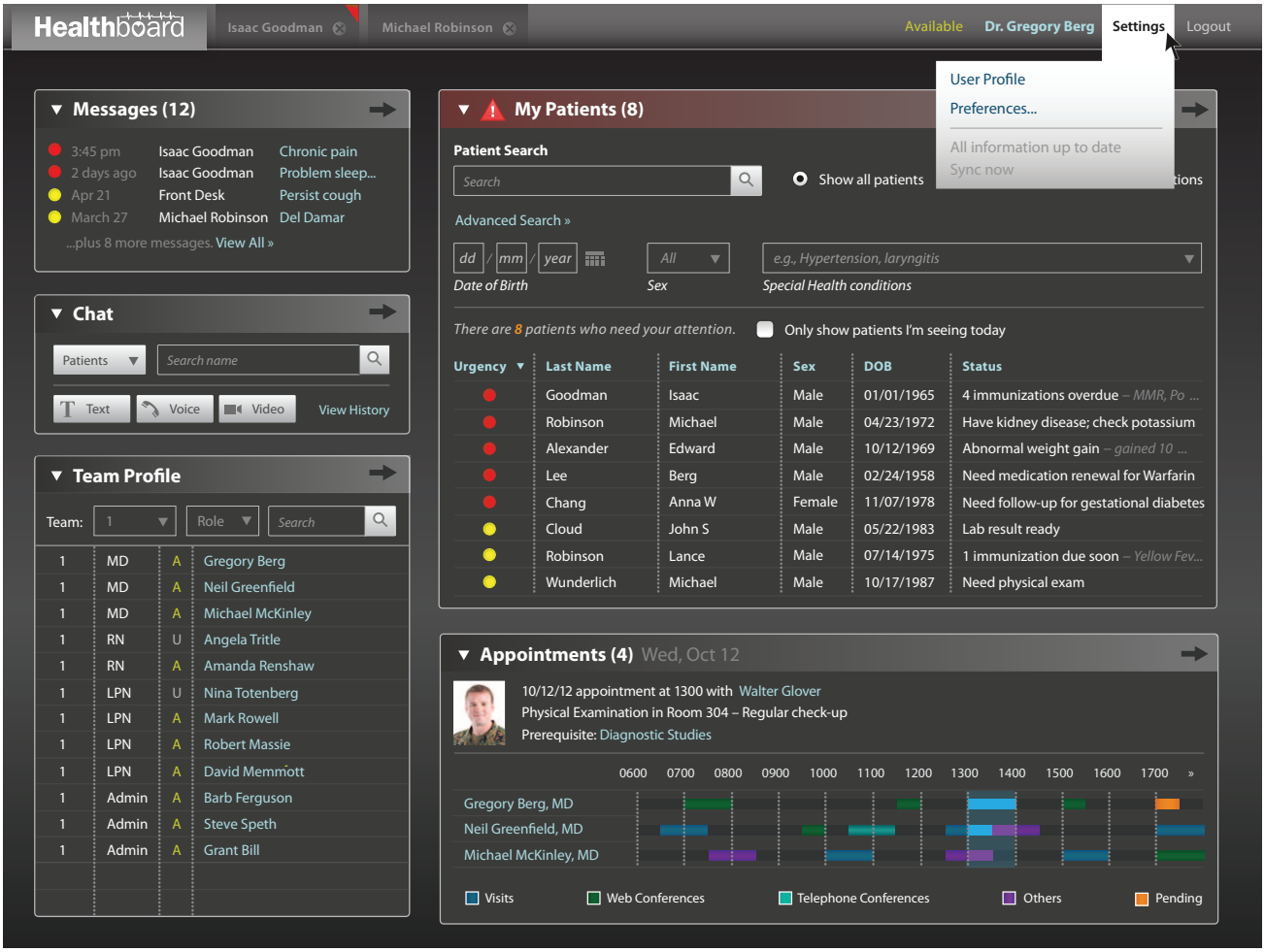
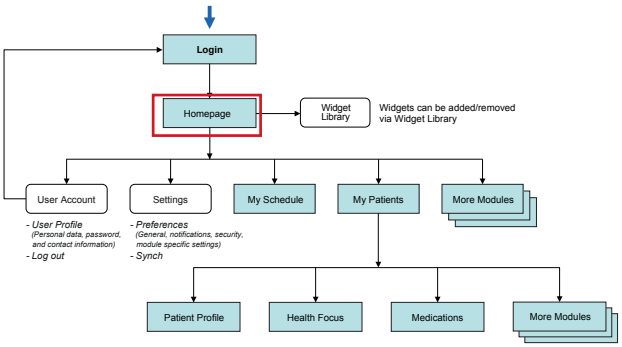
USER PREFERENCES: HOMEPAGE — SYNCHRONIZATION



When the user selects Settings, a drop-down menu appears showing *Preferences*, a timestamp of the last update, and "Sync Now" to synchronize.



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USER PREFERENCES: HOMEPAGE — SYNCHRONIZATION

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

User Profile
Preferences...
Last Synced 12:00pm 5/7/2012
Sync now

Messages (12)

3:45 pm	Isaac Goodman	Chronic pain
2 days ago	Isaac Goodman	Problem sleep...
Apr 21	Front Desk	Persist cough
March 27	Michael Robinson	Del Damar

...plus 8 more messages. View All »

Chat

Patients | Search name

Text | Voice | Video | View History

Team Profile

Team: 1 | Role | Search

1	MD	A	Gregory Berg
1	MD	A	Neil Greenfield
1	MD	A	Michael McKinley
1	RN	U	Angela Tritle
1	RN	A	Amanda Renshaw
1	LPN	U	Nina Totenberg
1	LPN	A	Mark Rowell
1	LPN	A	Robert Massie
1	LPN	A	David Memmott
1	Admin	A	Barb Ferguson
1	Admin	A	Steve Speth
1	Admin	A	Grant Bill

My Patients (8)

Patient Search

Search | Show all patients

Advanced Search »

dd / mm / year — Date of Birth | All — Sex | e.g., Hypertension, laryngitis — Special Health conditions

There are 8 patients who need your attention. | Only show patients I'm seeing today

Urgency	Last Name	First Name	Sex	DOB	Status
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	Robinson	Michael	Male	04/23/1972	Have kidney disease; check potassium
	Alexander	Edward	Male	10/12/1969	Abnormal weight gain – gained 10 ...
	Lee	Berg	Male	02/24/1958	Need medication renewal for Warfarin
	Chang	Anna W	Female	11/07/1978	Need follow-up for gestational diabetes
	Cloud	John S	Male	05/22/1983	Lab result ready
	Robinson	Lance	Male	07/14/1975	1 immunization due soon – Yellow Fev...
	Wunderlich	Michael	Male	10/17/1987	Need physical exam

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10/12/12 appointment at 1300 with Walter Glover
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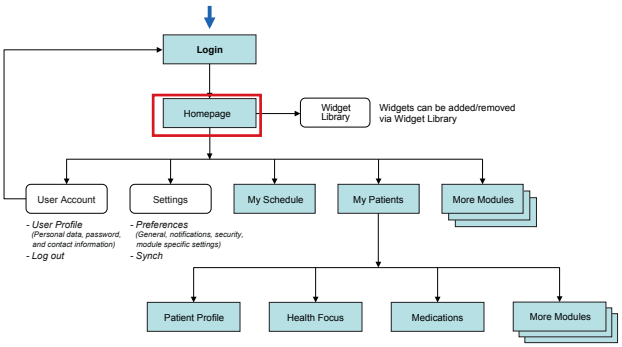
Prerequisite: Diagnostic Studies

0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 »

Gregory Berg, MD
Neil Greenfield, MD
Michael McKinley, MD

Visits | Web Conferences | Telephone Conferences | Others | Pending

The user selects "Sync Now."



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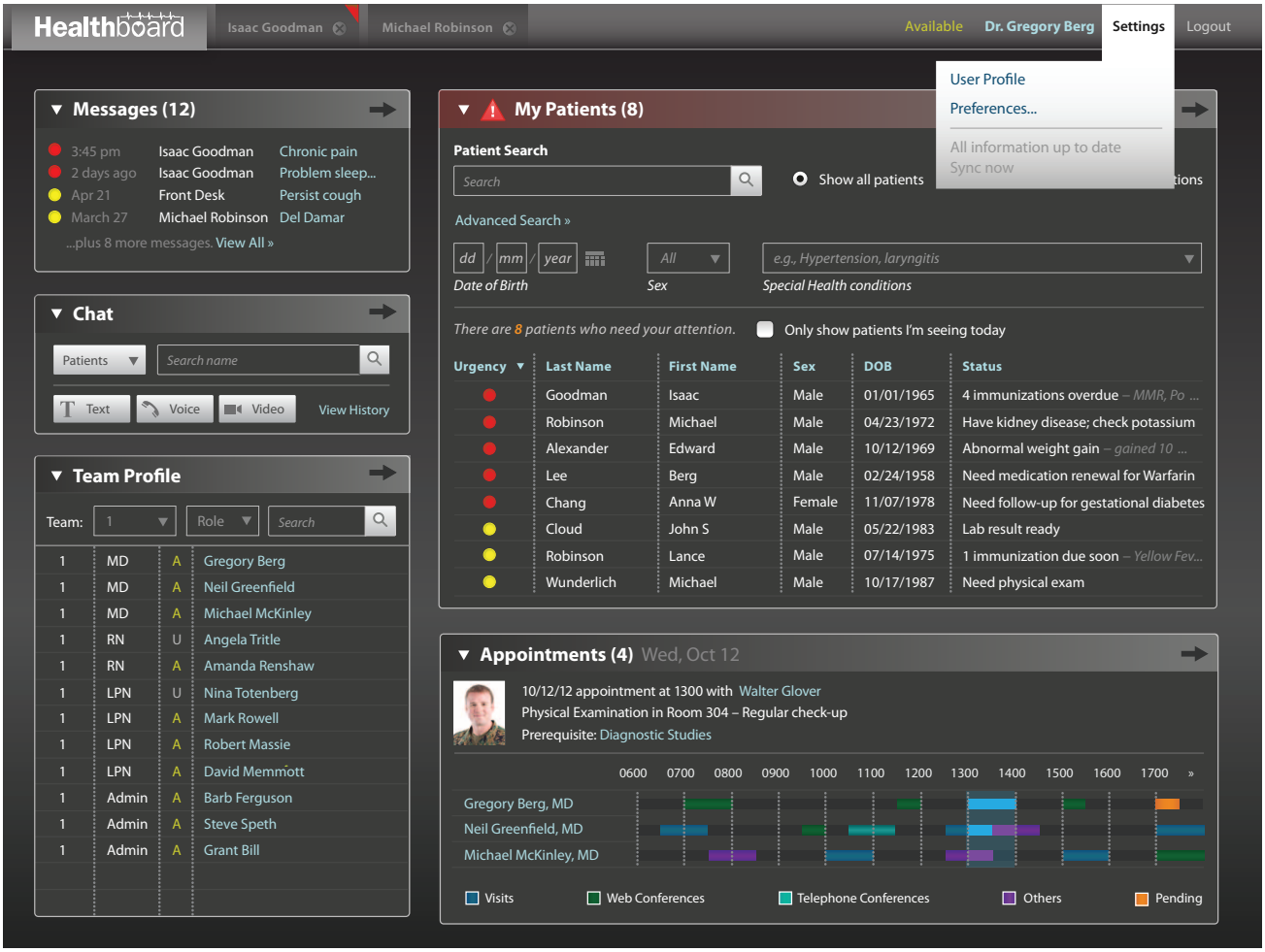
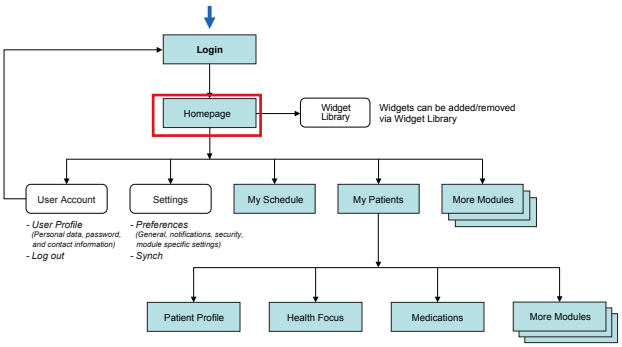
USER PREFERENCES: HOMEPAGE — SYNCHRONIZATION



HealthBoard is synced with AHLTA, as indicated, and the status switches to "All information up to date."



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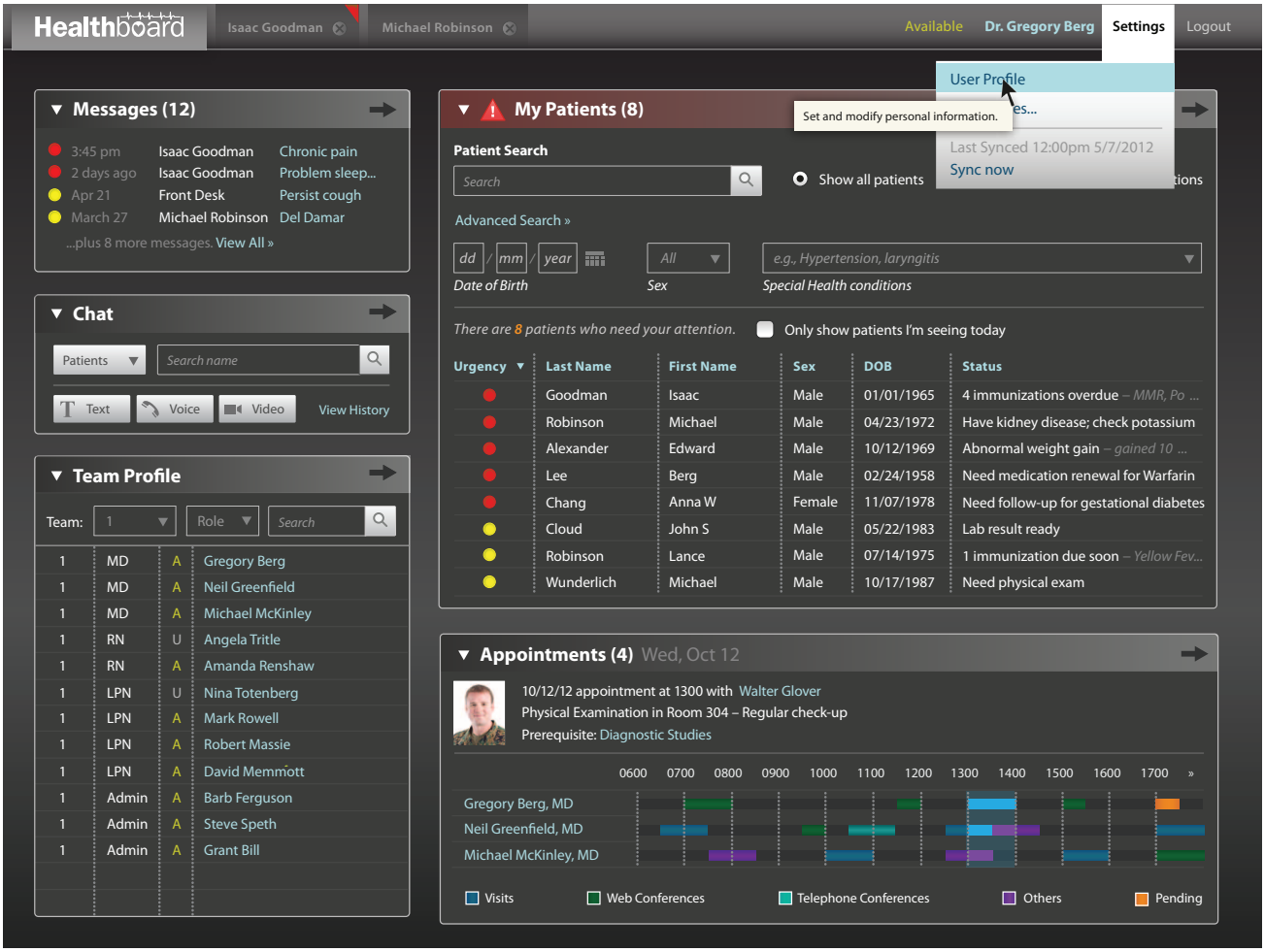
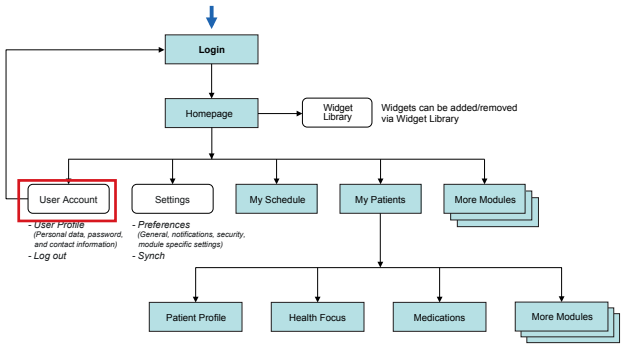
USER PREFERENCES: HOMEPAGE — USER PROFILE



The user can access options to view and edit his/her profile or log out from *HealthBoard*. The user selects *User Profile* from the menu.



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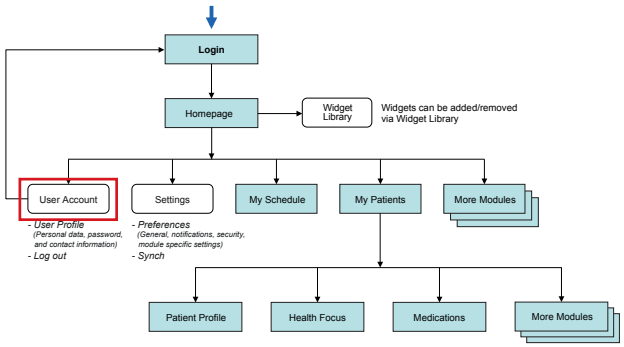
USER PREFERENCES: HOMEPAGE — USER PROFILE

For security, the system requires the user to enter user ID and password.



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USER PREFERENCES: USER PROFILE

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages (12) | My Patients (8)

User Profile: Gregory Berg

Go to User Preferences | Set New Password

Change profile picture

Provider Information

Name: Gregory Berg

Date of Birth: 01/01/1963 Sex: Male

Role: Surgeon

Email: berggre123@nnmc.com

Personal Website

URL http://www.wrnmmc.capmed.mil/care/berggre123

Role and Office Information

Position: MD

Current Team: 1 Total Members: 12

Team Admins: Barb Ferguson, David Speth, Grant Bill

Office Location: NNMC Room 204 building B

Office Phone: 1-212-292-1227 Pager Number 1-212-292-1227

Education and Experience

Education:
M.D., Howard University College of Medicine
Washington, DC, 1996
B.S., Duke University, Durham, NC, 1990

Board Certifications: American Board of Internal Medicine

Specialty: Internal Medicine

Address

Street Address: 201 Highland Ave

City: Washington State/Province DC

ZIP/Postal Code: 20810

Emergency Contact

Name: Virginia Berg

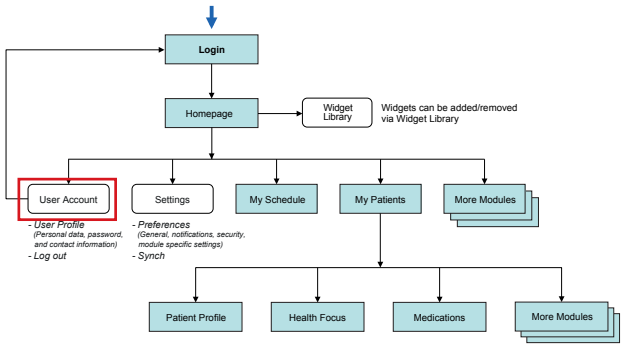
Relation: Spouse

Emergency Phone 1: 212-123-4567

Emergency Phone 2: 212-123-4568

Save | Cancel

A popup window appears showing the user's personal data including contact and professional information. Editable fields (e.g., address, emergency contact) are displayed in black type with white background, and other non-editable fields (e.g., Role and Office Information, Education and Experience) are grayed out.



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USER PREFERENCES: USER PROFILE

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages (12) | My Patients (8)

User Profile: Gregory Berg

Go to User Preferences | Set New Password

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Provider Information

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Date of Birth: 01/01/1963 Sex: Male

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Personal Website

URL http://www.wrnmmc.capmed.mil/care/berggre123

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ZIP/Postal Code: 20810

Emergency Contact

Name: Virginia Berg

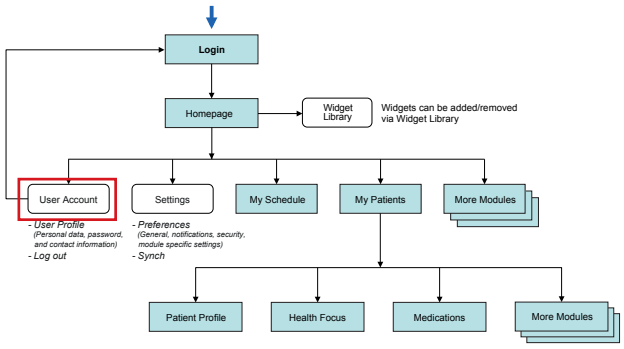
Relation: Spouse

Emergency Phone 1: 212-123-4567

Emergency Phone 2: 212-123-4568

Save | Cancel

The user selects "Set New Password" on the top right.



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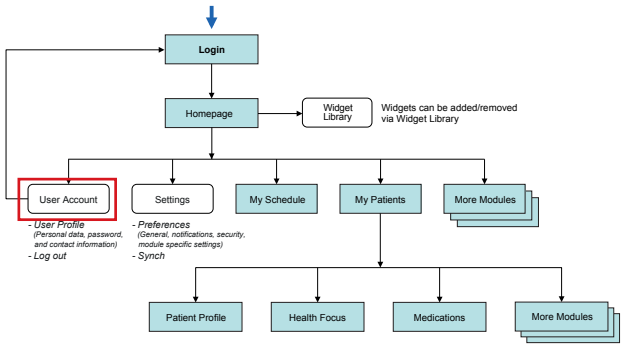
USER PREFERENCES: USER PROFILE

A popup window appears offering fields to change password-related information. As the user enters password and password confirmation, the system validates information immediately and gives feedback.



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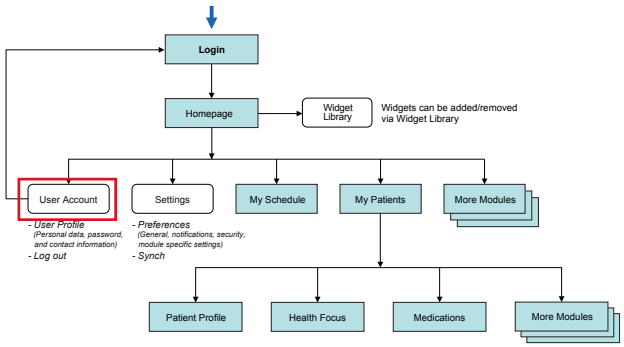
USER PREFERENCES: USER PROFILE

The user has entered password information correctly; now he can "Set New Password."



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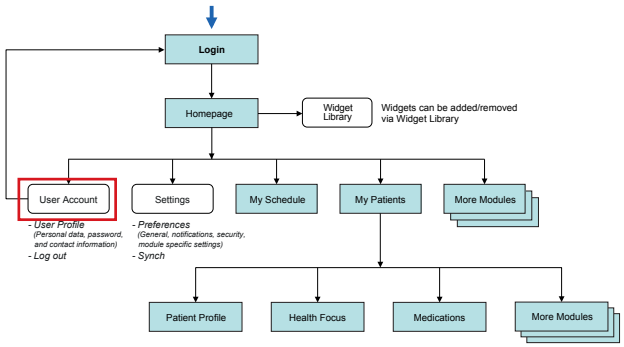
USER PREFERENCES: USER PROFILE

The user has entered new password and it is approved. The user selects "Save" button.



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USER PREFERENCES: USER PROFILE

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages (12) | My Patients (8)

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ZIP/Postal Code: 20810

Emergency Contact

Name: Virginia Berg

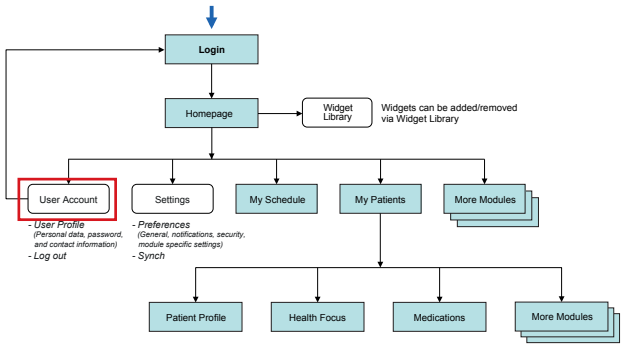
Relation: Spouse

Emergency Phone 1: 212-123-4567

Emergency Phone 2: 212-123-4568

Save | Cancel

The user returns to the *User Profile* window.



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USER PREFERENCES: USER PROFILE

Healthboard | Isaac Goodman | Michael Robinson | Admin's Portal | Available | Barb Ferguson | Settings | Logout

Messages (12) | My Patients (8)

User Profile: Gregory Berg

Provider Information

Name: Gregory Berg

Date of Birth: 01/01/1963 Sex: Male

Role: Surgeon

Email: berggre123@nnmc.com

Personal Website

URL: http://www.wrnmmc.capmed.mil/care/berggre123

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ZIP/Postal Code: 20810

Emergency Contact

Name: Virginia Berg

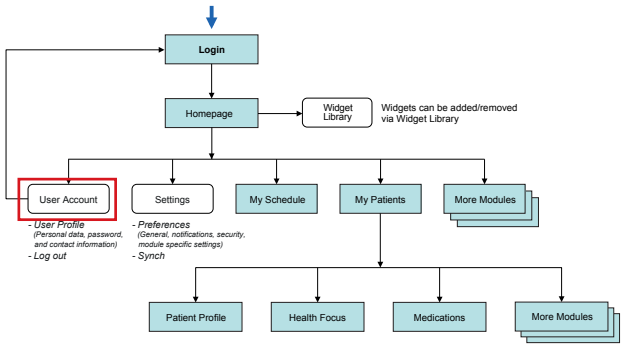
Relation: Spouse

Emergency Phone 1: 212-123-4567

Emergency Phone 2: 212-123-4568

Save | Cancel

This screen shows the Administrator's Portal view. The administrative user has privilege to view provider's information and edit provider's personal and professional information. However, the administrative user cannot edit provider's address and emergency contact information.



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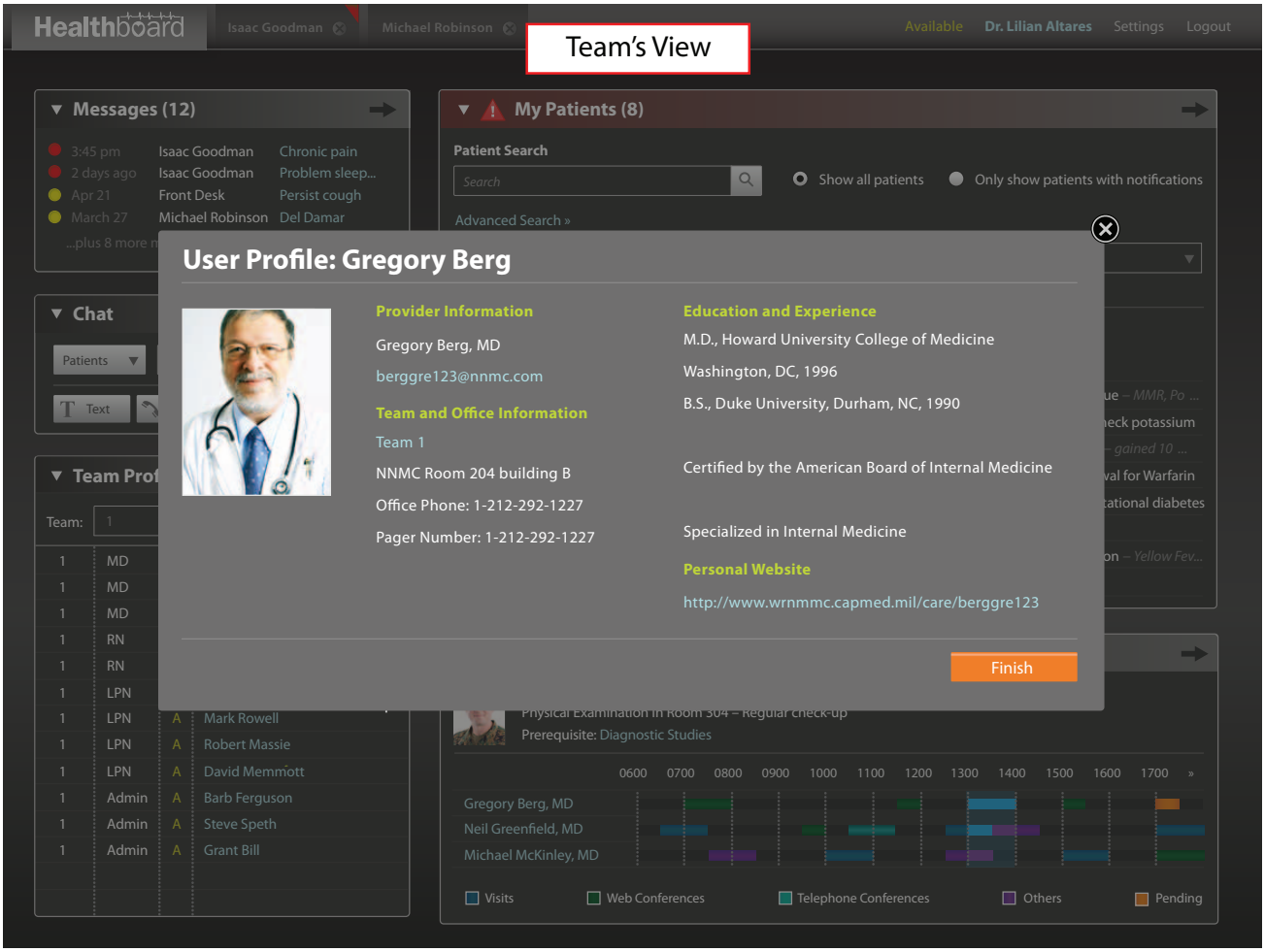
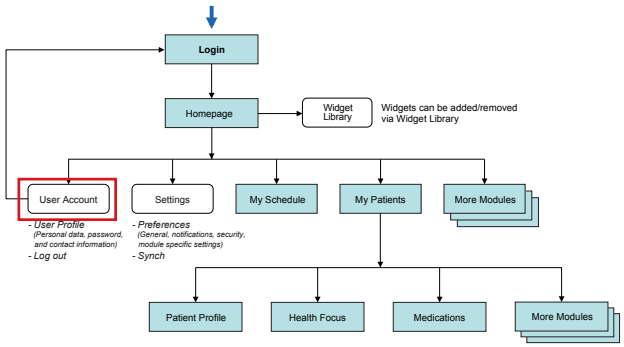
USER PREFERENCES: USER PROFILE



This screen shows the team member's view.



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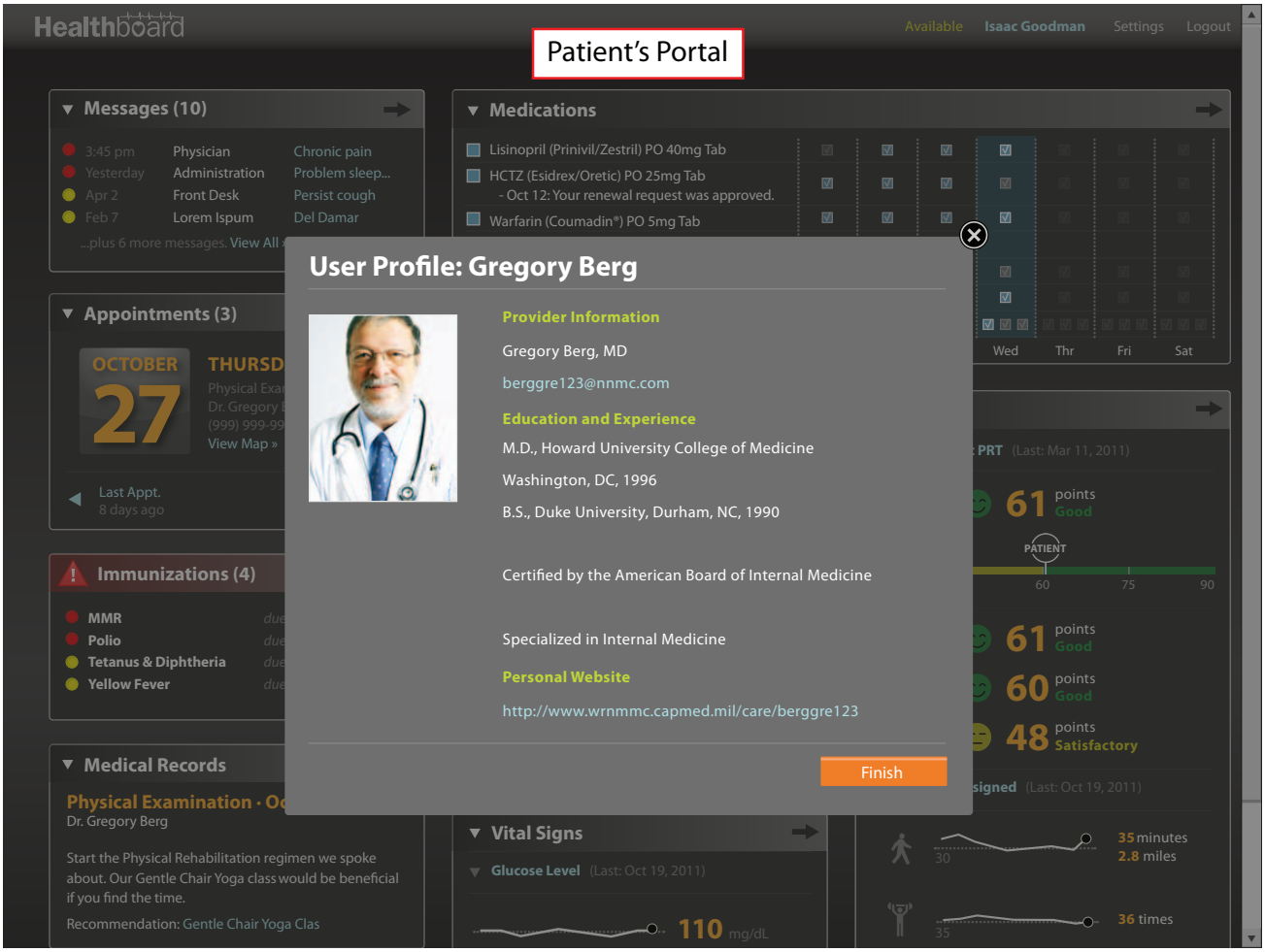
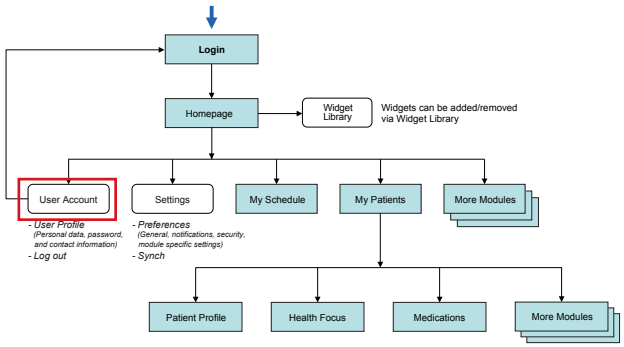
USER PREFERENCES: USER PROFILE



This screen shows the patient's view. The provider's team and office information is not visible to the patient.



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USER PREFERENCES: HOMEPAGE — PREFERENCES

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

User Profile
Preferences...
Set preferences for general settings, notifications and modules.
Sync now

Messages (12)

3:45 pm	Isaac Goodman	Chronic pain
2 days ago	Isaac Goodman	Problem sleep...
Apr 21	Front Desk	Persist cough
March 27	Michael Robinson	Del Damar

...plus 8 more messages. View All »

Chat

Patients | Search name

Text | Voice | Video | View History

Team Profile

Team: 1 | Role | Search

1	MD	A	Gregory Berg
1	MD	A	Neil Greenfield
1	MD	A	Michael McKinley
1	RN	U	Angela Tritle
1	RN	A	Amanda Renshaw
1	LPN	U	Nina Totenberg
1	LPN	A	Mark Rowell
1	LPN	A	Robert Massie
1	LPN	A	David Memmott
1	Admin	A	Barb Ferguson
1	Admin	A	Steve Speth
1	Admin	A	Grant Bill

My Patients (8)

Patient Search | Search | Show all patients | 0pm 5/7/2012 | tions

Advanced Search »

dd / mm / year — Date of Birth | All — Sex | e.g., Hypertension, laryngitis — Special Health conditions

There are 8 patients who need your attention. | Only show patients I'm seeing today

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	Cloud	John S	Male	05/22/1983	Lab result ready
	Robinson	Lance	Male	07/14/1975	1 immunization due soon – Yellow Fev...
	Wunderlich	Michael	Male	10/17/1987	Need physical exam

Appointments (4) Wed, Oct 12

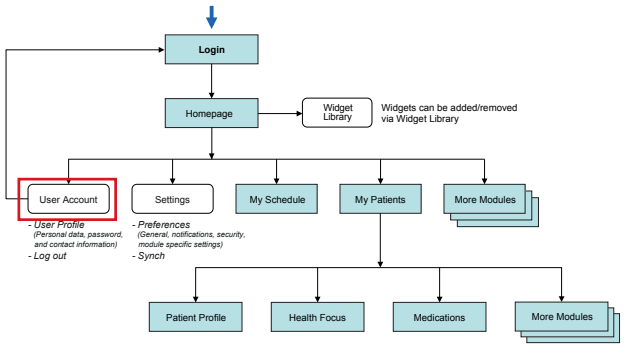
10/12/12 appointment at 1300 with Walter Glover
Physical Examination in Room 304 – Regular check-up
Prerequisite: Diagnostic Studies

0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 »

Gregory Berg, MD
Neil Greenfield, MD
Michael McKinley, MD

Visits | Web Conferences | Telephone Conferences | Others | Pending

The user selects *Preferences* from the drop down menu from the Settings icon.



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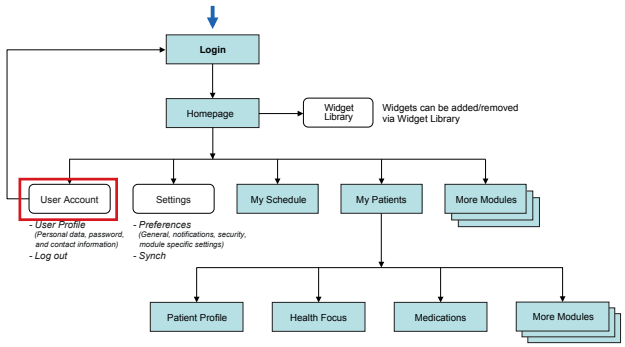
USER PREFERENCES: HOMEPAGE — PREFERENCES

For security, the system requires the user to enter user ID and password.



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USER PREFERENCES: GENERAL

A pop up window appears offering various options for general settings, notifications and modules. The user selects *General* settings tab. Here, the user can set preferences for: view mode, color scheme, font size, units, time zone, date and time, and language.

The user can change the view mode from "button view" to "widget view."

The user can change the color scheme from black to white.

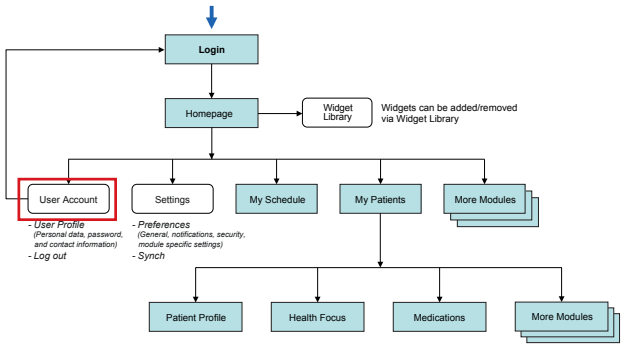
The user can toggle the font size.

The user can change the units from American (or Imperial) to International (or Metric).

The user can set his/her time zone. Default time zone should be auto-detected.

The user can change the date & time display.

The use can change the language from English (default) to Spanish.



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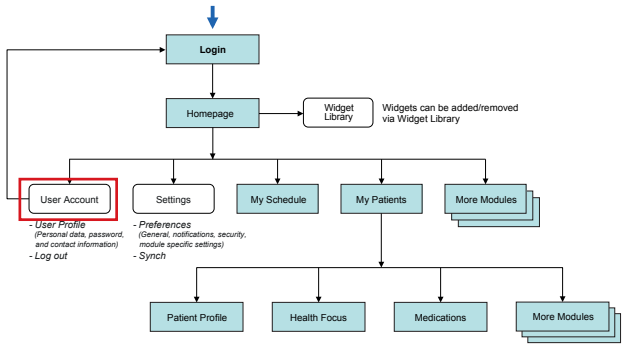
USER PREFERENCES: GENERAL

The user scrolls down the window to see more options.



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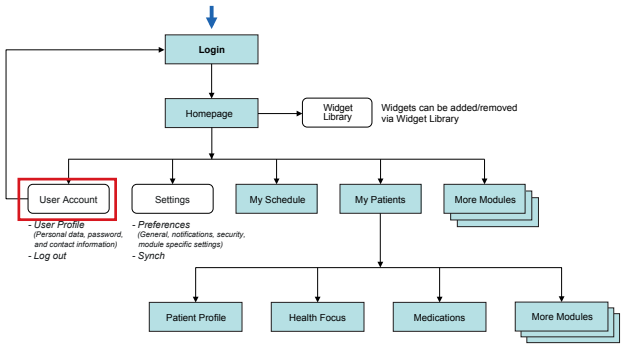
USER PREFERENCES: GENERAL

The user selects white background for *Color Scheme*.



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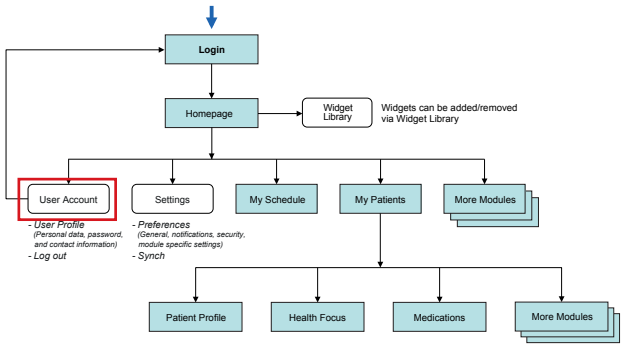
USER PREFERENCES: GENERAL

The user selects the “Finish” button.



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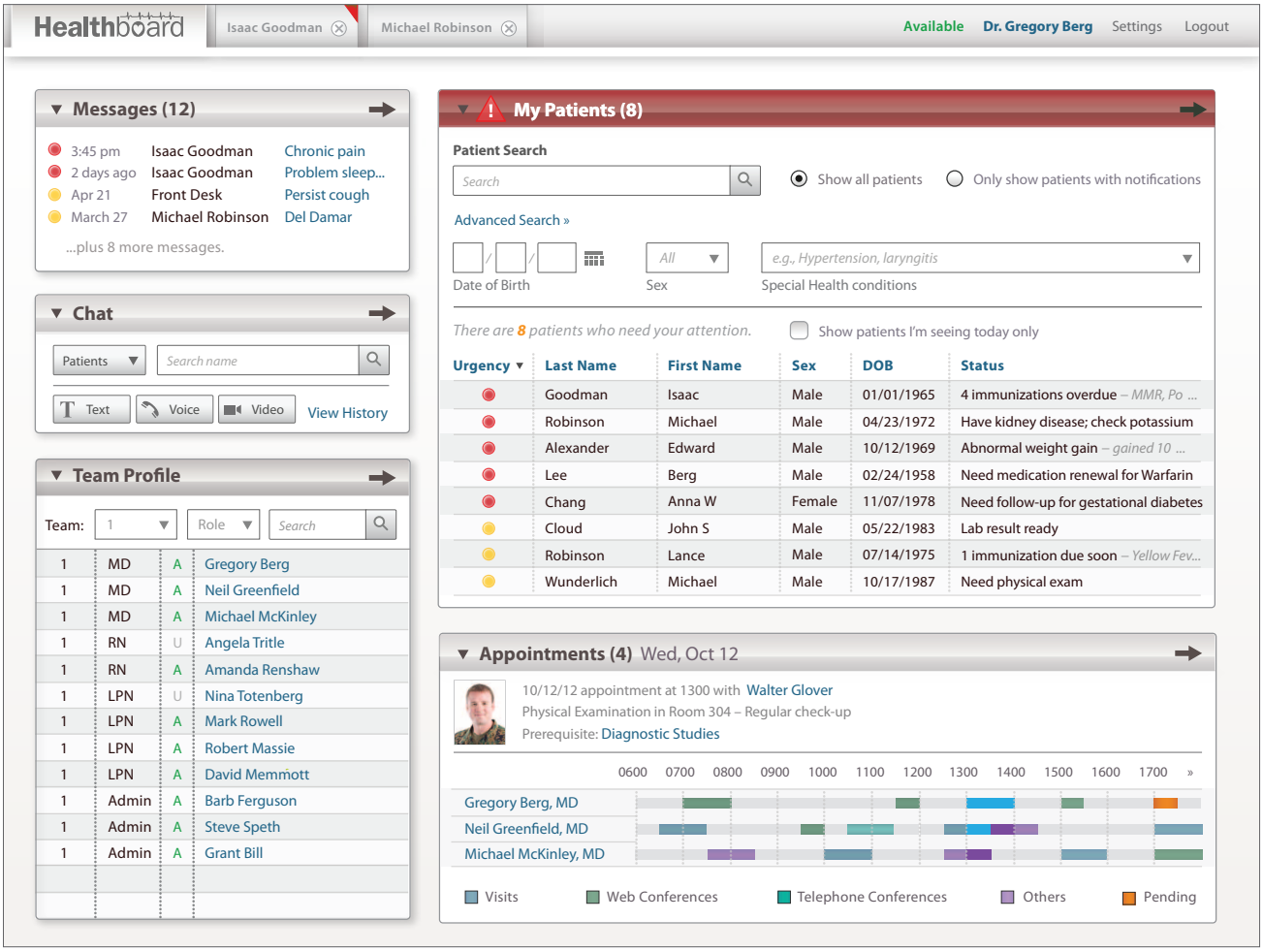
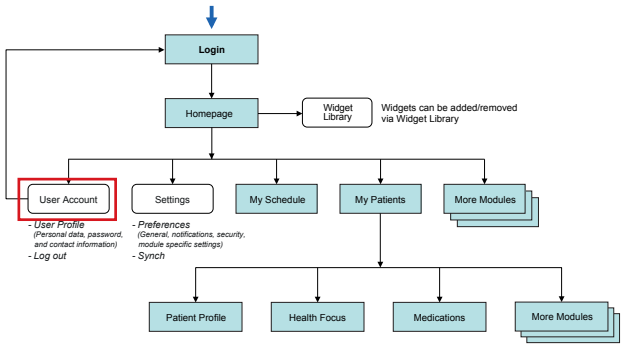
USER PREFERENCES: HOMEPAGE — COLOR CHANGE



The screen is switched to white background.



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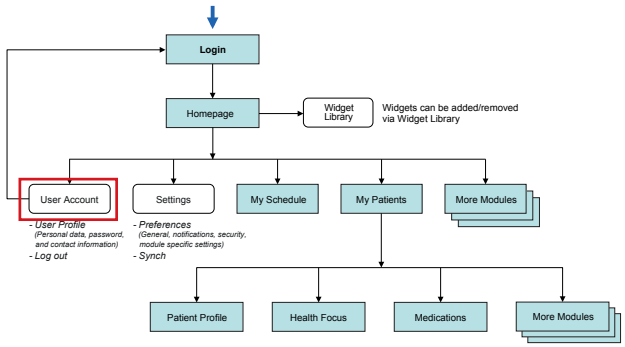
USER PREFERENCES: NOTIFICATIONS

The user selects *Notifications* settings tab. Here the user can set preferences for notifications in various modules such as *Appointments*, *Chat*, *Exercise*, *Health Focus*, *Immunizations*, *Medical Records*, *Medications*, *Messages*, *Patient Search* and *Vital Signs*.

The user can also set a preference to receive an e-mail summary of his/her panel's activity. The user can also specify frequency and destination (e.g., e-mail address or cell phone).



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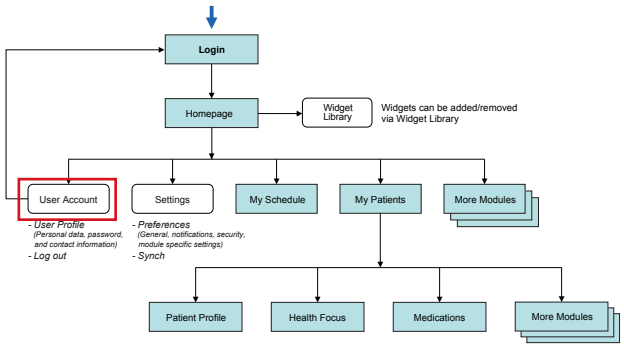
USER PREFERENCES: NOTIFICATIONS

In this screen the user selects to receive an e-mail summary of his/her panel's activity. The user can also specify frequency and destination (e-mail address or cell phone).



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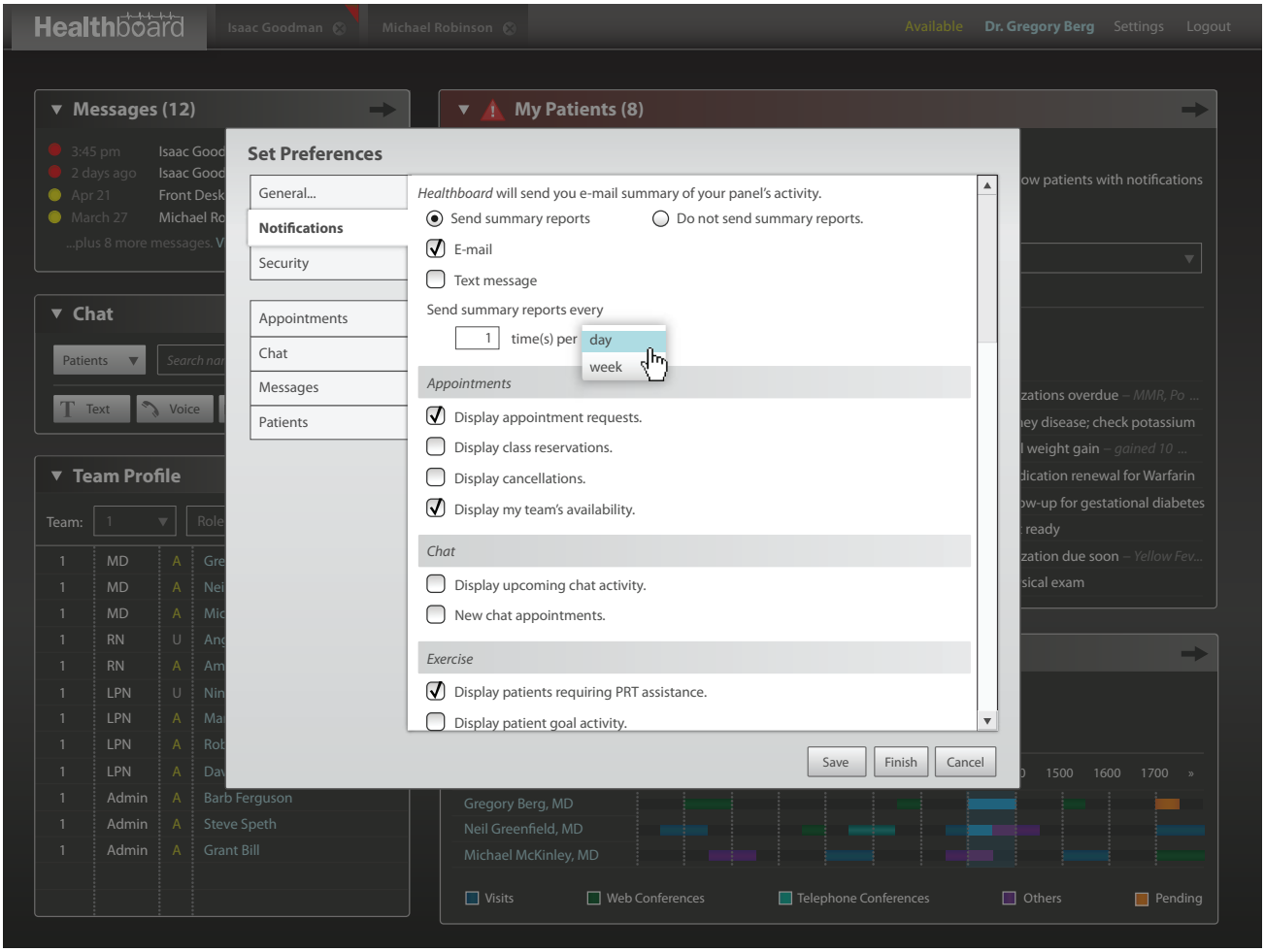
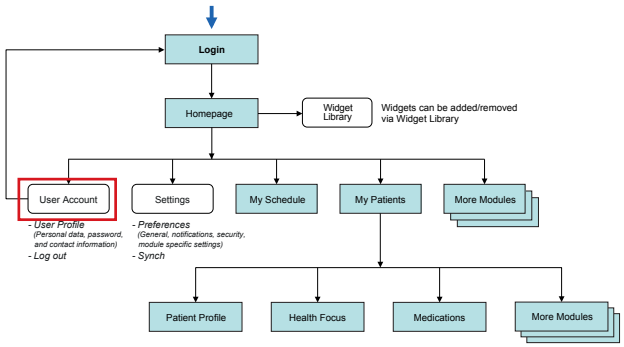
USER PREFERENCES: NOTIFICATIONS



For frequency, the user can select "day" (default) or "week" from a drop down menu.



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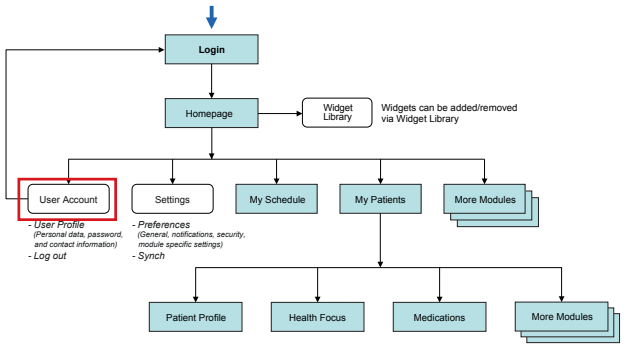
USER PREFERENCES: NOTIFICATIONS

Each modules has preselected items. For the *Appointments* module, "Display appointment requests" and "Display my team's availability" are preselected.



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USER PREFERENCES: NOTIFICATIONS

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages (12)

My Patients (8)

Chat

Team Profile

Set Preferences

- General...
- **Notifications**
- Security
- Appointments
- Chat
- Messages
- Patients

Exercise

- [x] Display patients requiring PRT assistance.
- [ ] Display patient goal activity.
- [ ] Display patients' personal exercise activity.
- [ ] Display patients' self-reported results.

Health Focus

- [x] Display pinned items for patients.

Immunizations

- [x] Display patients with due soon/overdue vaccinations.

Medical Records

- [x] Display completed *Next Steps*.
- [ ] Display changes in *Next Steps* made by other providers.

Medications

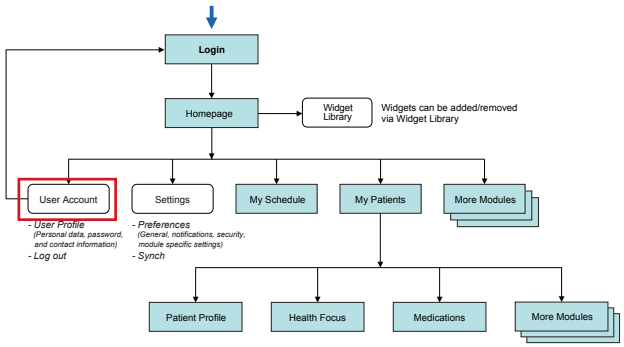
- [x] Display renewal requests.
- [x] Include drug interaction warnings.
- [x] Display patients who have not taken medication for…

Save | Finish | Cancel

Gregory Berg, MD
Neil Greenfield, MD
Michael McKinley, MD

Visits | Web Conferences | Telephone Conferences | Others | Pending

This screen shows preselected items for modules such as *Exercise, Health Focus, Immunizations, Medical Records* and *Medications.*



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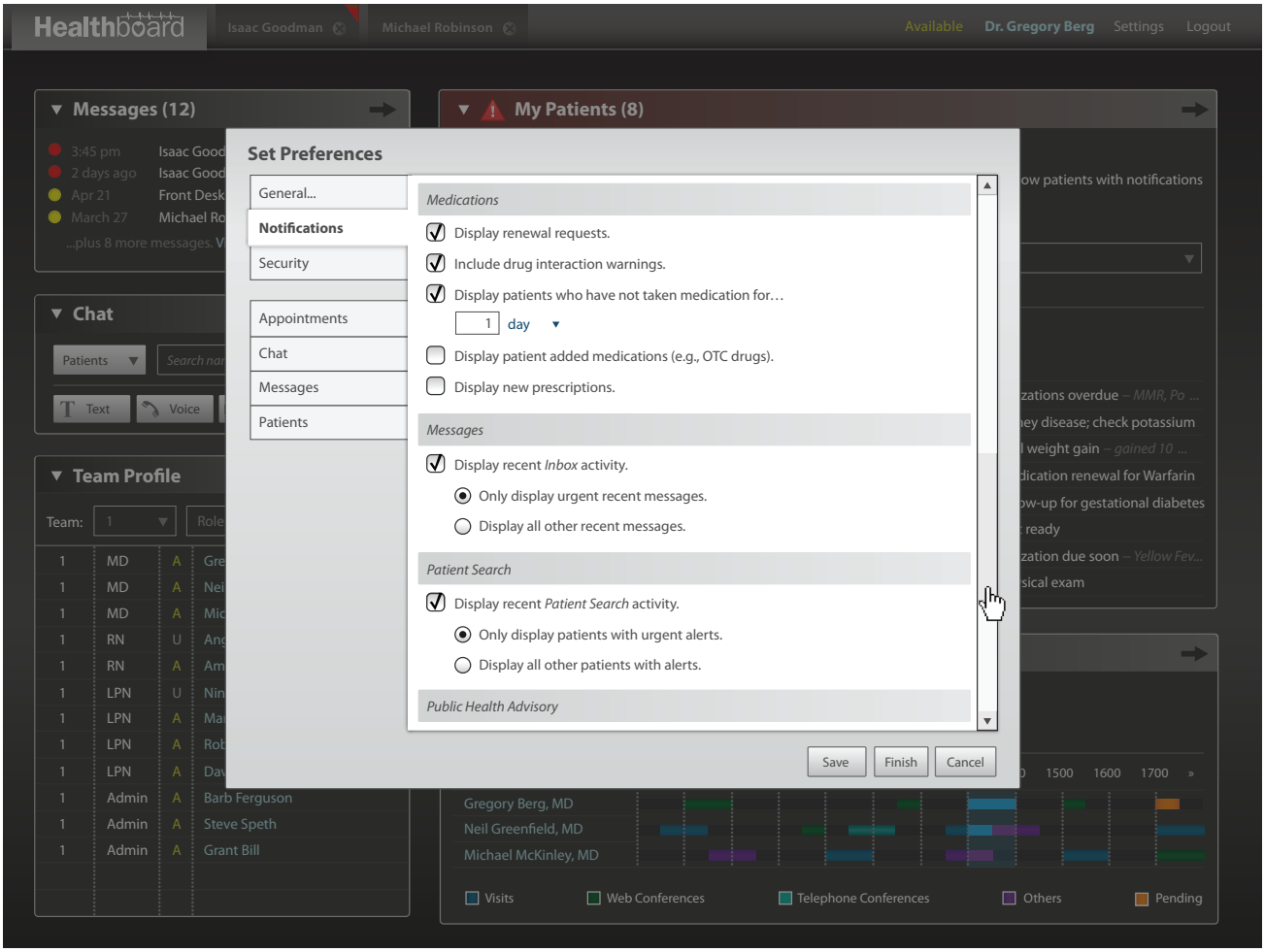
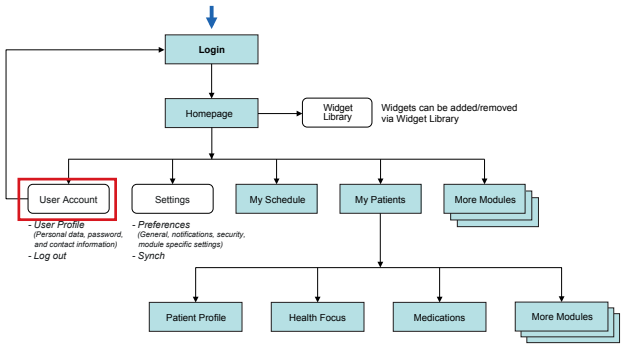
USER PREFERENCES: NOTIFICATIONS



This screen shows preselected items for modules such as *Medications*, *Messages* and *Patient Search*.



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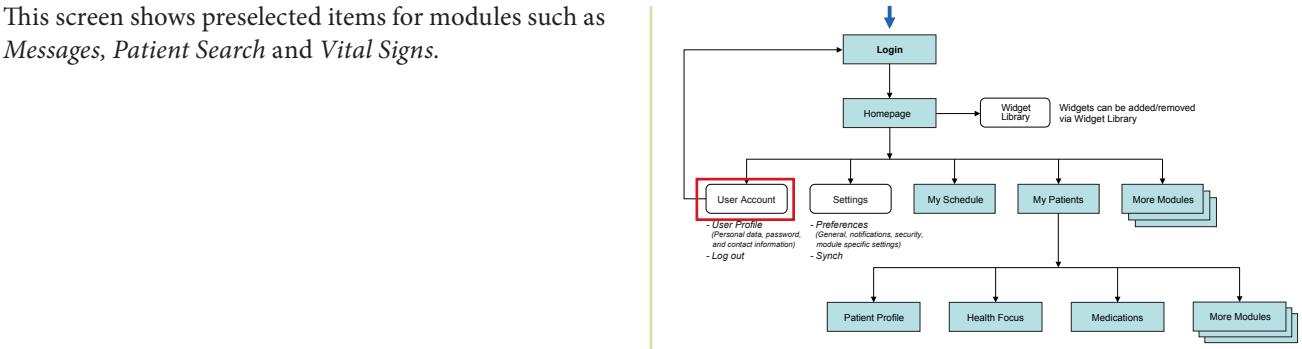
USER PREFERENCES: NOTIFICATIONS

This screen shows preselected items for modules such as *Messages, Patient Search* and *Vital Signs.*



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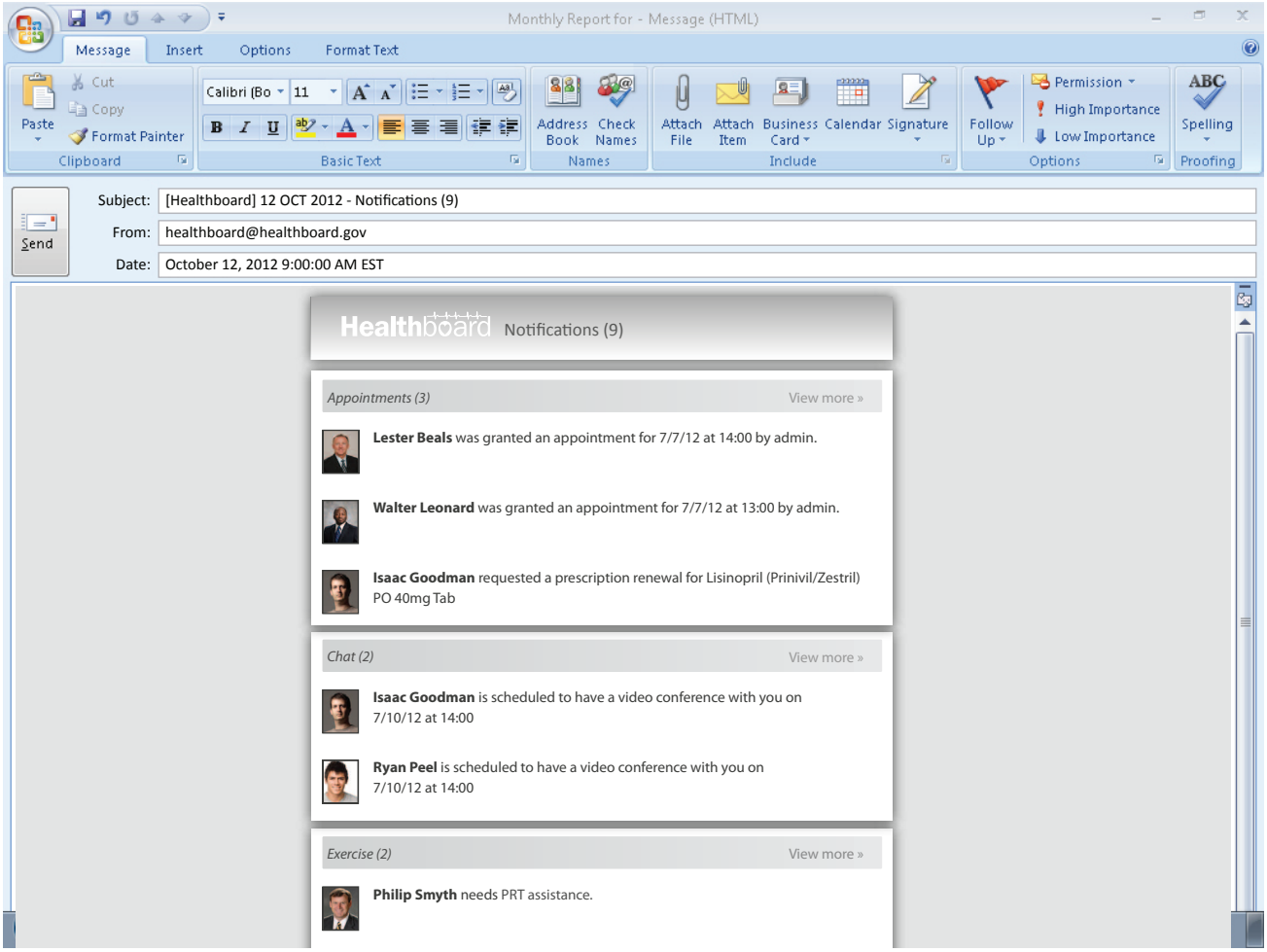
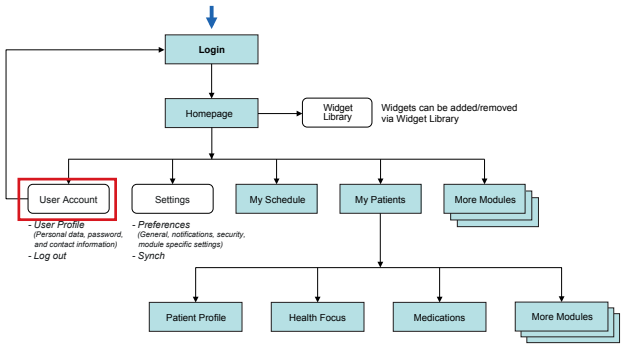
USER PREFERENCES: NOTIFICATIONS — E-MAIL EXAMPLE



This screen shows an example of e-mail summary display on the user's email account.



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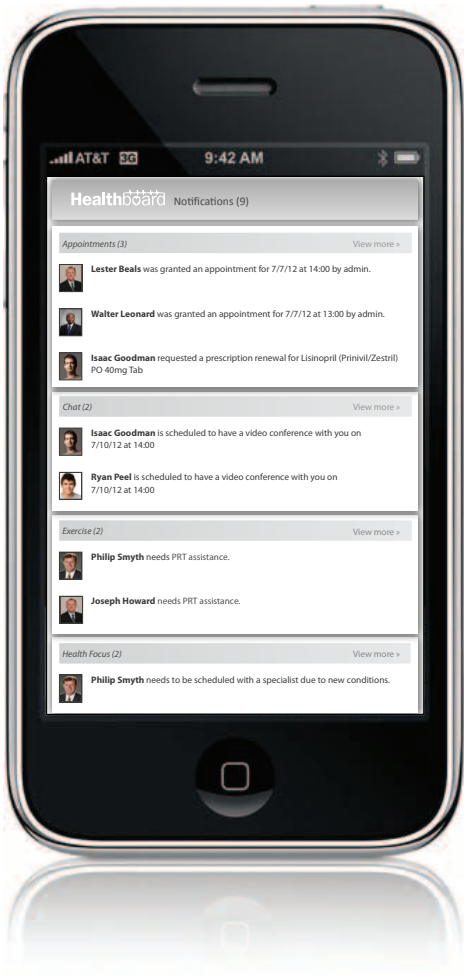
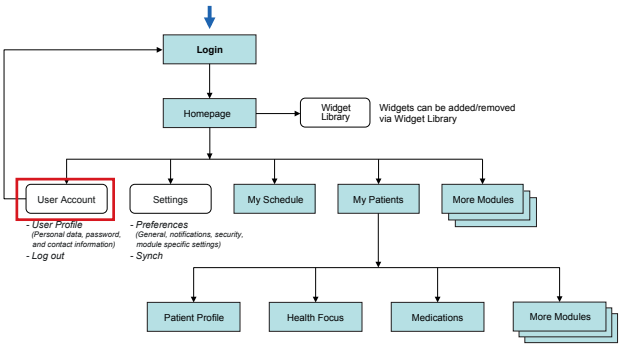
USER PREFERENCES: NOTIFICATIONS — MESSAGE EXAMPLE (IPHONE)



This screen shows an example of e-mail summary display on the user's mobile device, iPhone.



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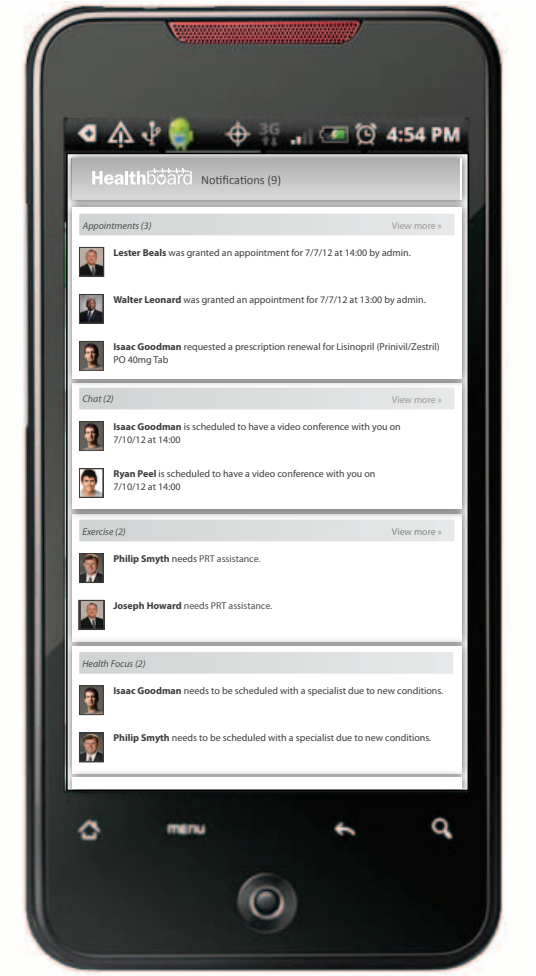
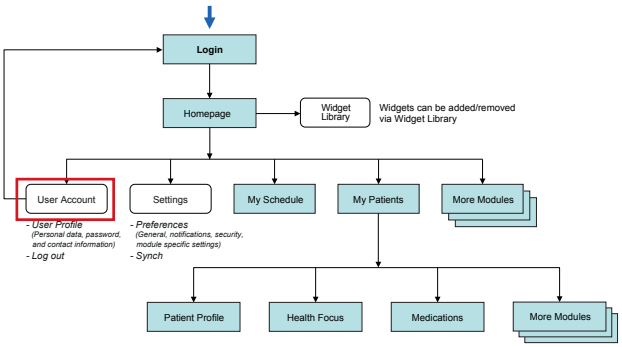
USER PREFERENCES: NOTIFICATIONS — MESSAGE EXAMPLE (ANDROID)



This screen shows an example of e-mail summary display on the user's mobile device, Android phone.



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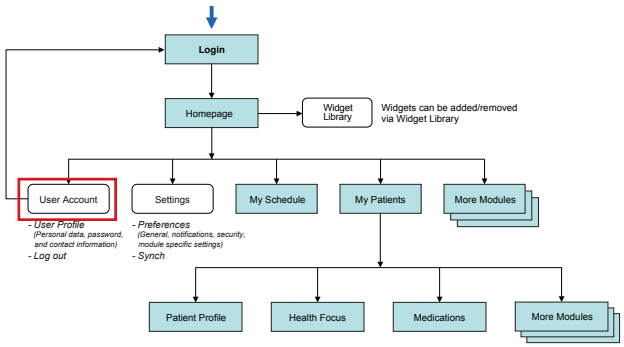
USER PREFERENCES: SECURITY

The user selects *Security* settings tab. The user can set preferences for auto-lock and password-required modules.



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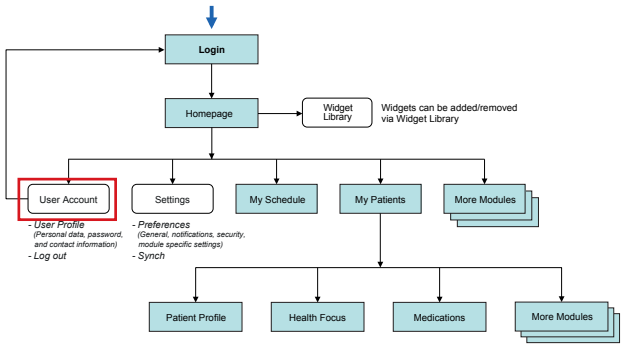
USER PREFERENCES: SECURITY

The user can access various time options from the drop-down menu for auto-lock.



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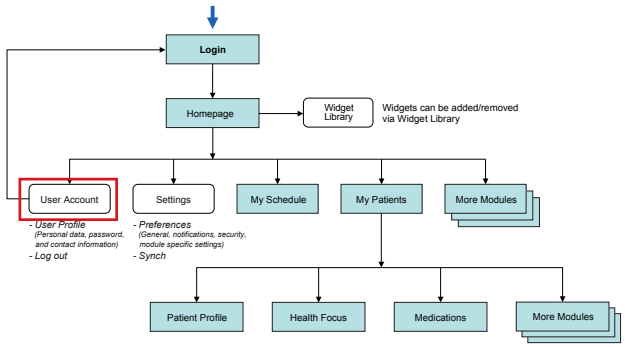
USER PREFERENCES: SECURITY

The user can also create a custom time option. The user selects "Other..." from the menu.



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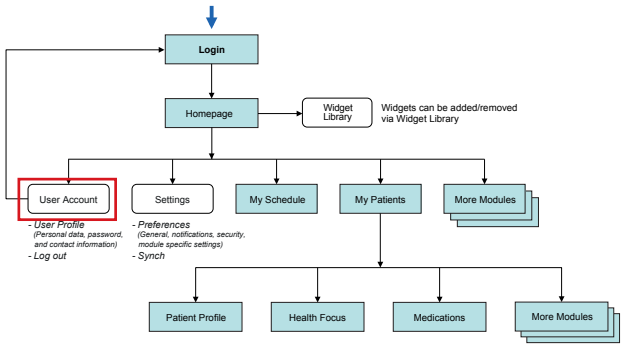
USER PREFERENCES: SECURITY

A popup window appears offering a text field to enter time. The maximum is 120 minutes. The user enters “75” and selects the “Save” button.



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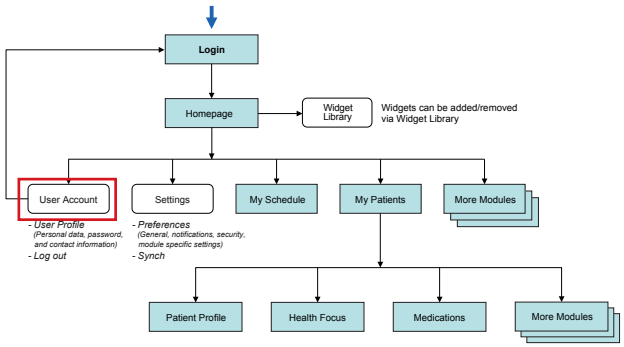
USER PREFERENCES: SECURITY

The user returns to the previous screen with updated time, 75 minutes.



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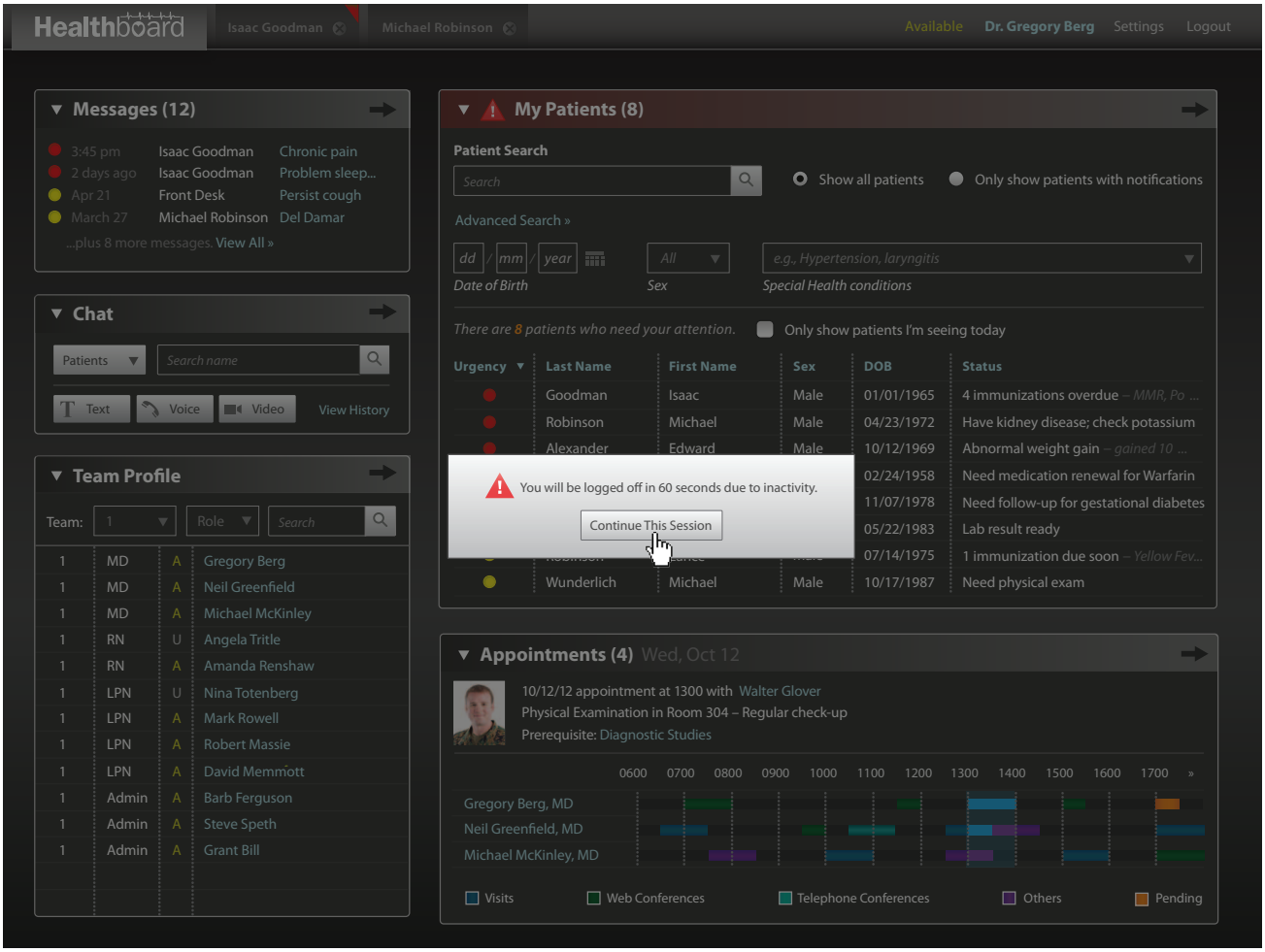
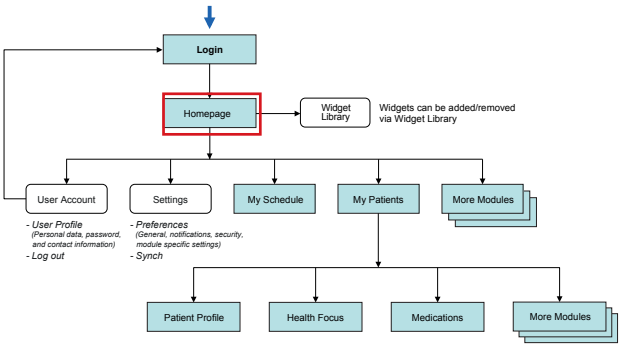
USER PREFERENCES: SECURITY



The user receives an alert 60 seconds before the system logs out automatically. The user clicks "Continue This Session."



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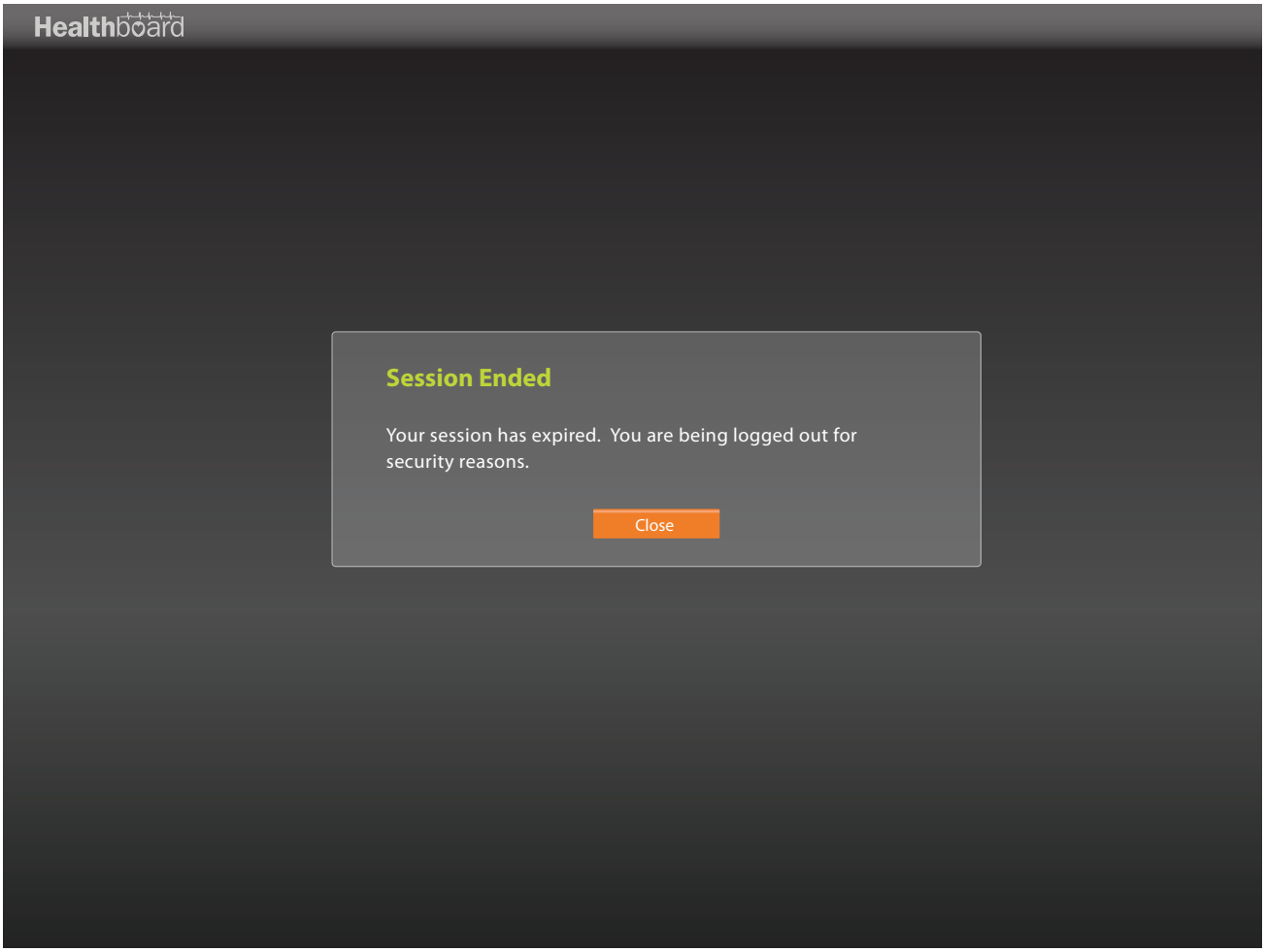
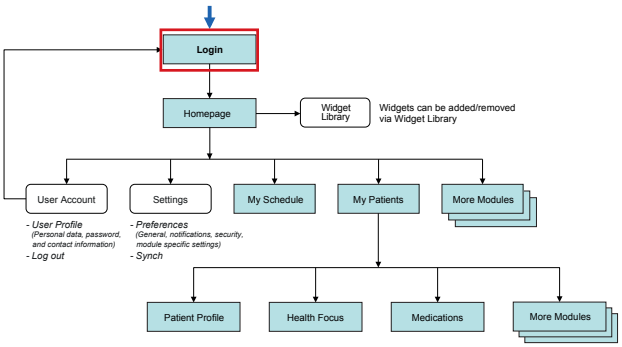
USER PREFERENCES: SECURITY



If the user does not respond to the alert, the session is terminated due to inactivity.



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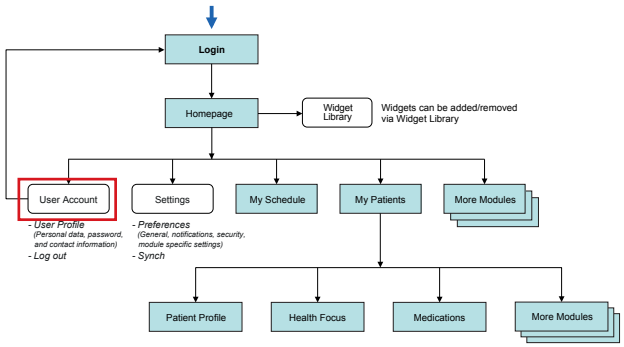
USER PREFERENCES: APPOINTMENTS

The user selects *Appointments* settings tab. Here the user can specify users (e.g., administrator) who can confirm appointments for the user.



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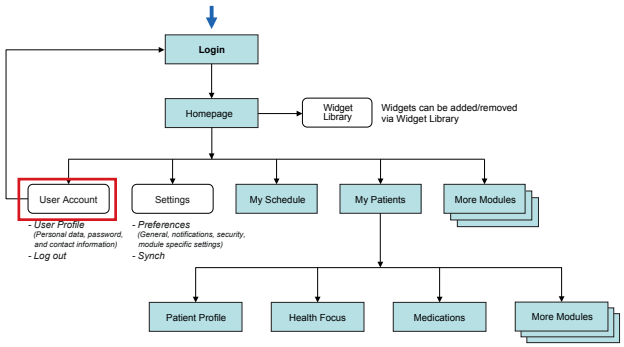
USER PREFERENCES: APPOINTMENTS

The user clicks the "Add New" button.



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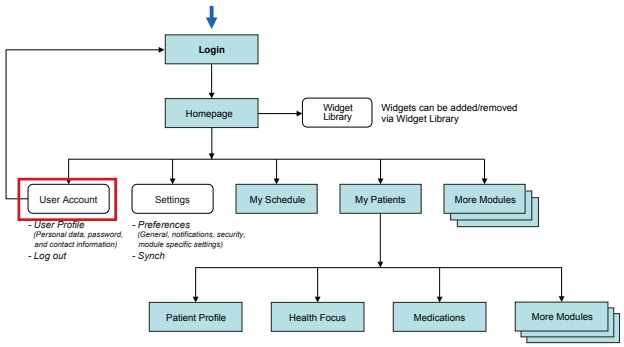
USER PREFERENCES: APPOINTMENTS

A popup window appears offering a text field to enter an email address.



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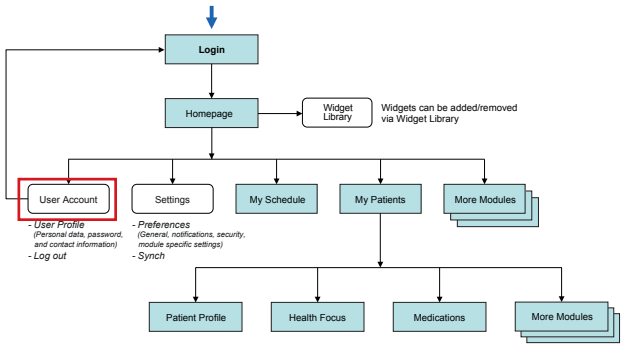
USER PREFERENCES: APPOINTMENTS

The system offers autofill as the user types in an email address. The person's name and team information appears below.



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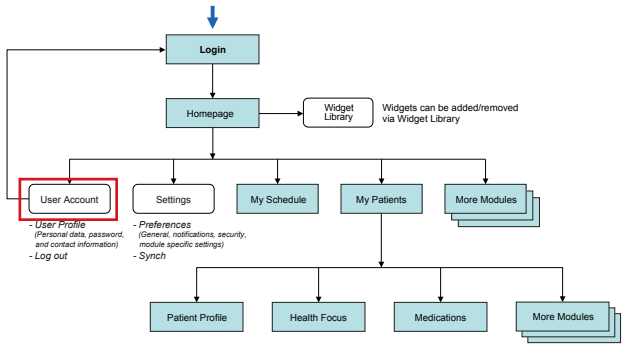
USER PREFERENCES: APPOINTMENTS

The user selects an email address from the list and clicks the "Remove" button.



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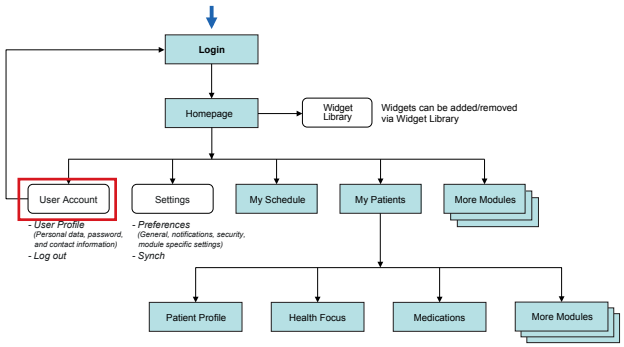
USER PREFERENCES: APPOINTMENTS

A pop up window appears asking if the user wants to remove the individual from the list. The user clicks the "Do not remove" button.



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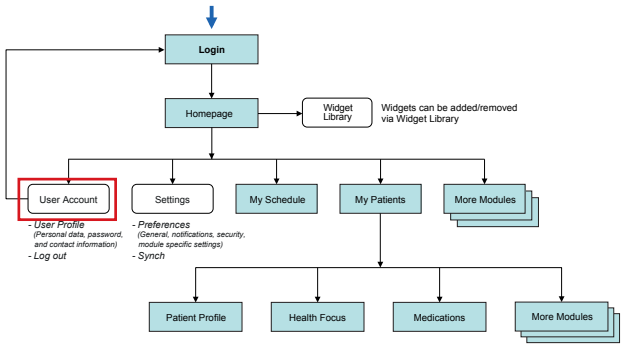
USER PREFERENCES: APPOINTMENTS

The user returns to the previous screen. The user clicks the "Finish" button.



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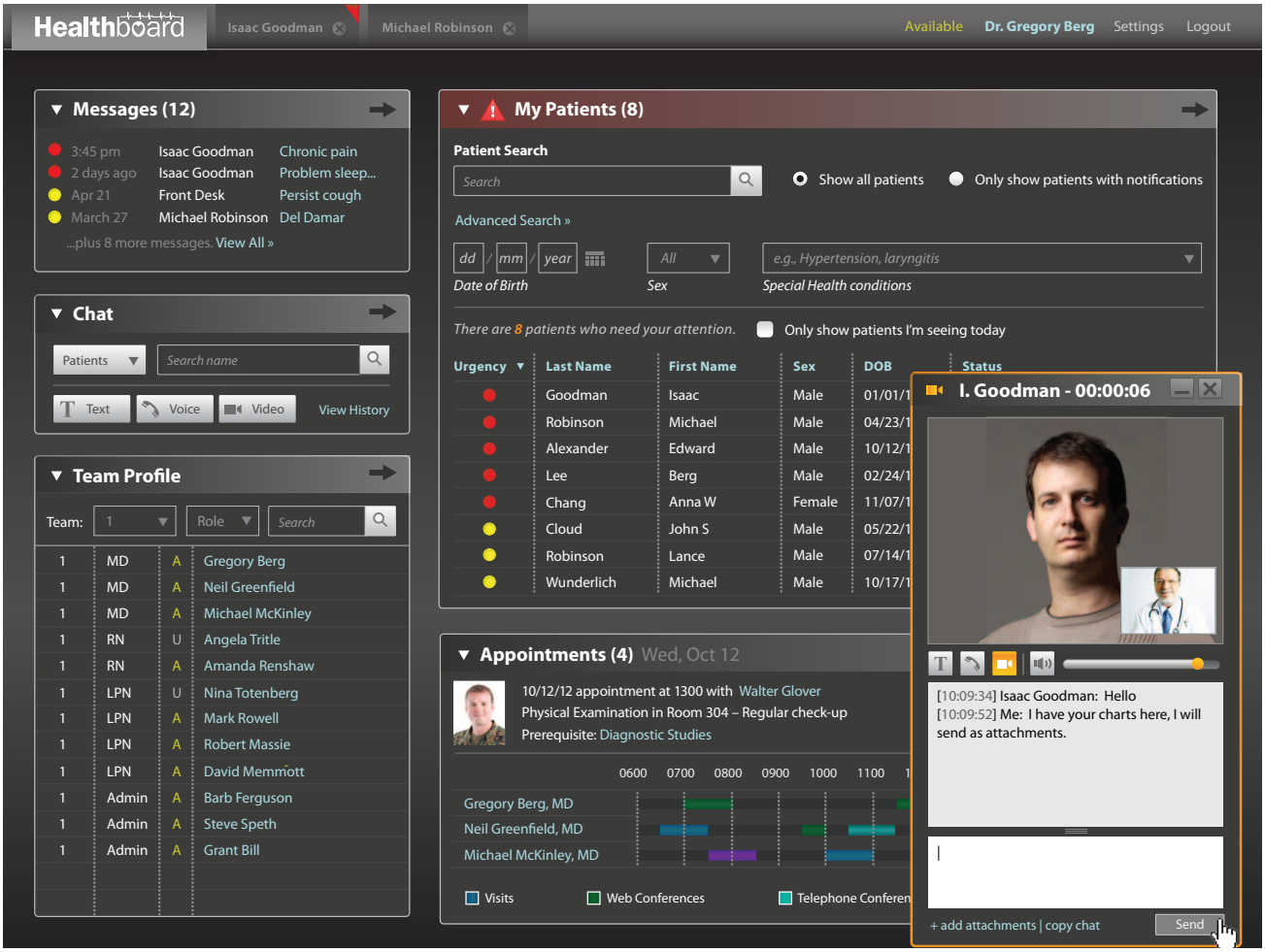
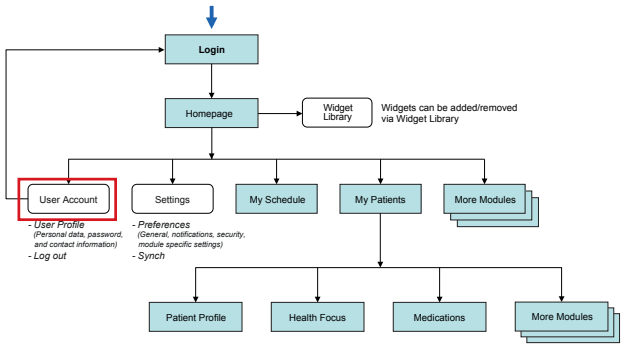
USER PREFERENCES: CHAT



This screen shows the provider's chat window.



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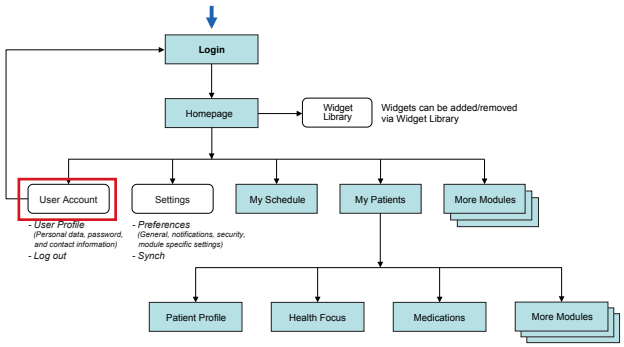
USER PREFERENCES: CHAT

The user selects *Chat* settings tab. The user can set preferences such as window positioning and other features.



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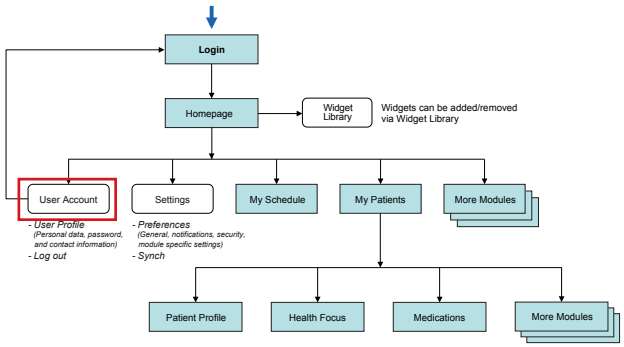
USER PREFERENCES: CHAT

The user changes settings and clicks the "Save" button.



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USER PREFERENCES: CHAT

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages (12)

3:45 pm	Isaac Goodman	Chronic pain
2 days ago	Isaac Goodman	Problem sleep...
Apr 21	Front Desk	Persist cough
March 27	Michael Robinson	Del Damar

...plus 8 more messages. View All »

Chat

Patients | Isaac Goodman - *Connecting...*

Text | View History

Team Profile

Team: 1 | Role | Search

1	MD	A	Gregory Berg
1	MD	A	Neil Greenfield
1	MD	A	Michael McKinley
1	RN	U	Angela Tritle
1	RN	A	Amanda Renshaw
1	LPN	U	Nina Totenberg
1	LPN	A	Mark Rowell
1	LPN	A	Robert Massie
1	LPN	A	David Memmott
1	Admin	A	Barb Ferguson
1	Admin	A	Steve Speth
1	Admin	A	Grant Bill

My Patients (8)

Patient Search

Search | Show all patients | Only show patients with notifications

Advanced Search »

dd / mm / year — *Date of Birth* | All — *Sex* | e.g., Hypertension, laryngitis — *Special Health conditions*

There are 8 patients who need your attention. | Only show patients I'm seeing today

Urgency	Last Name	First Name	Sex	DOB	Status
	Goodman	Isaac	Male	01/01/1965	4 immunizations overdue – *MMR, Po ...*
	Robinson	Michael	Male	04/23/1972	Have kidney disease; check potassium
	Alexander	Edward	Male	10/12/1969	Abnormal weight gain – *gained 10 ...*
	Lee	Berg	Male	02/24/1958	Need medication renewal for Warfarin
	Chang	Anna W	Female	11/07/1978	Need follow-up for gestational diabetes
	Cloud	John S	Male	05/22/1983	Lab result ready
	Robinson	Lance	Male	07/14/1975	1 immunization due soon – *Yellow Fev...*
	Wunderlich	Michael	Male	10/17/1987	Need physical exam

Appointments (4) Wed, Oct 12

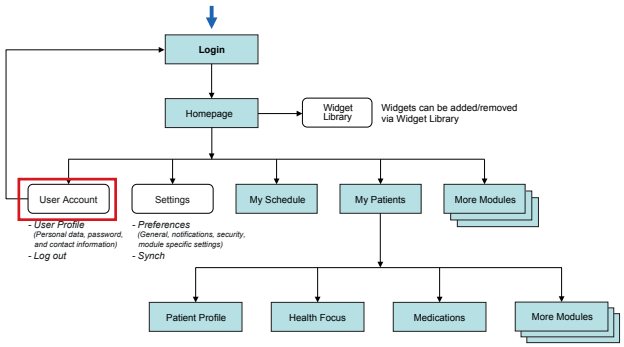
10/12/12 appointment at 1300 with Walter Glover
Physical Examination in Room 304 – Regular check-up
Prerequisite: Diagnostic Studies

0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 »

Gregory Berg, MD
Neil Greenfield, MD
Michael McKinley, MD

Visits | Web Conferences | Telephone Conferences | Others | Pending

The user initiates a chat.



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USER PREFERENCES: CHAT

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages (12)

3:45 pm	Isaac Goodman	Chronic pain
2 days ago	Isaac Goodman	Problem sleep...
Apr 21	Front Desk	Persist cough
March 27	Michael Robinson	Del Damar

...plus 8 more messages. View All »

Chat

Patients | Isaac Goodman - *Connected*

T Text | View History

Team Profile

Team: 1 | Role | Search

1	MD	A	Gregory Berg
1	MD	A	Neil Greenfield

I. Goodman - 00:00:06

Isaac Goodman: Hello
Me: I have your charts here, I will send as attachments.

+ add attachments | copy chat | Send

My Patients (8)

Patient Search

Search | Show all patients | Only show patients with notifications

Advanced Search »

dd / mm / year — *Date of Birth* | All — *Sex* | e.g., Hypertension, laryngitis — *Special Health conditions*

There are 8 patients who need your attention. | Only show patients I'm seeing today

Urgency	Last Name	First Name	Sex	DOB	Status
	Goodman	Isaac	Male	01/01/1965	4 immunizations overdue – *MMR, Po ...*
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	Lee	Berg	Male	02/24/1958	Need medication renewal for Warfarin
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Appointments (4) Wed, Oct 12

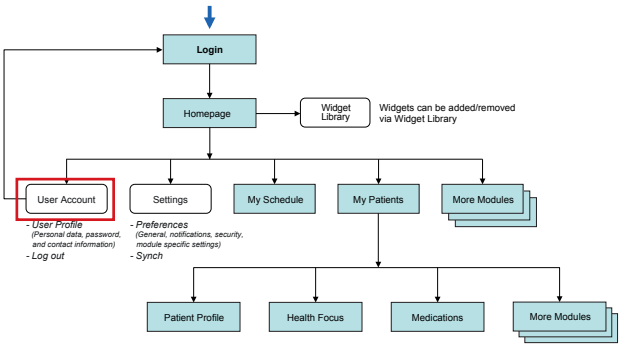
10/12/12 appointment at 1300 with Walter Glover
Physical Examination in Room 304 – Regular check-up
Prerequisite: Diagnostic Studies

0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 »

Gregory Berg, MD
Neil Greenfield, MD
Michael McKinley, MD

Visits | Web Conferences | Telephone Conferences | Others | Pending

The chat window now appears at the bottom left, as the user specified in *Preferences*.



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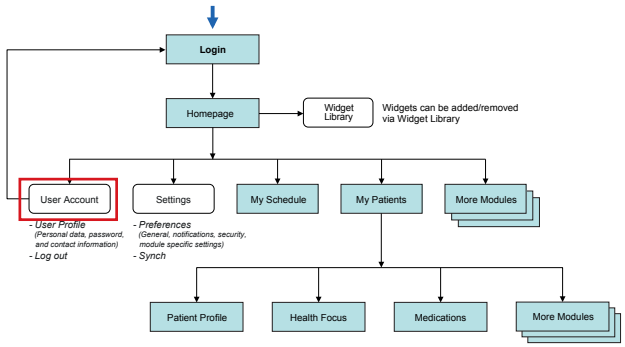
USER PREFERENCES: MESSAGES

The user selects *Messages* settings tab. Here the user can set preferences such as vacation responder and signature.



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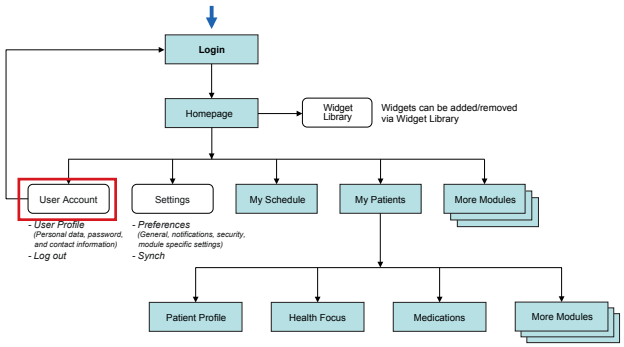
USER PREFERENCES: MESSAGES

The user activates vacation responder and signature.



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USER PREFERENCES: MESSAGES

Healthboard
Available Dr. Gregory Berg Settings Logout

Messages ▾ *You have no new messages.*

Search Messages

MAILBOXES
- Inbox
- Drafts
- Sent
- Trash

Inbox | Chronic pain | +

Delete | Save Draft

Chronic pain
Between You and Isaac Goodman

Isaac Goodman Today at 3:45 PM

Hi, could I we schedule a video chat as to what I should do? I think the pain is getting worse.

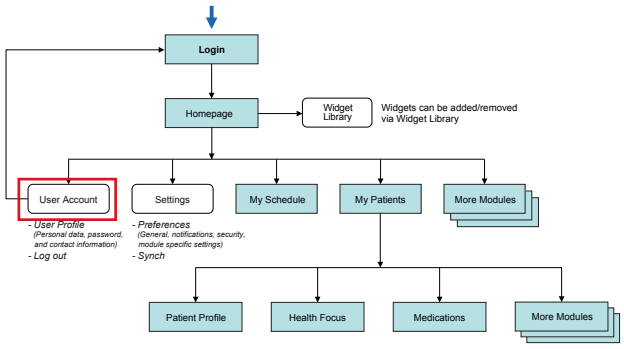
You Today at 3:55 PM

I will be away from the office from Wednesday, July 4 through Monday, July 9. I apologize for any inconvenience.
-
Dr. Gregory Berg
Internal Medicine
Walter Reed National Military Medical Center
Office Telephone: (333)333-3333

Click here to Reply, Replay to all, or Forward

Add attachment | Very urgent ▾ | Send | Save | Cancel

This screen shows an example of vacation responder and signature in messages.



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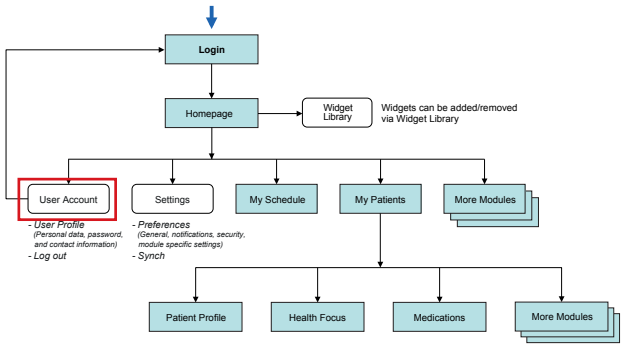
USER PREFERENCES: PATIENT SEARCH

The user selects *Patient Search* settings tab. Here the user can select default search parameters.



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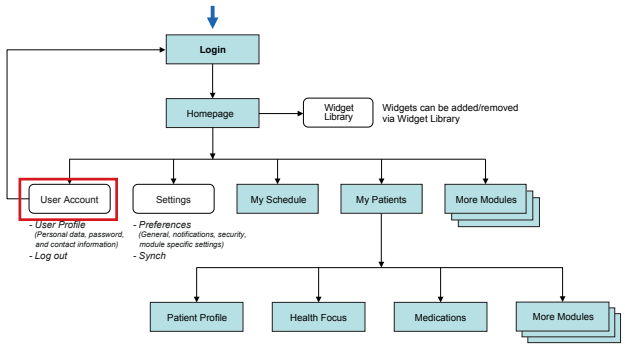
USER PREFERENCES: PATIENT SEARCH

The user scrolls down to view more options.



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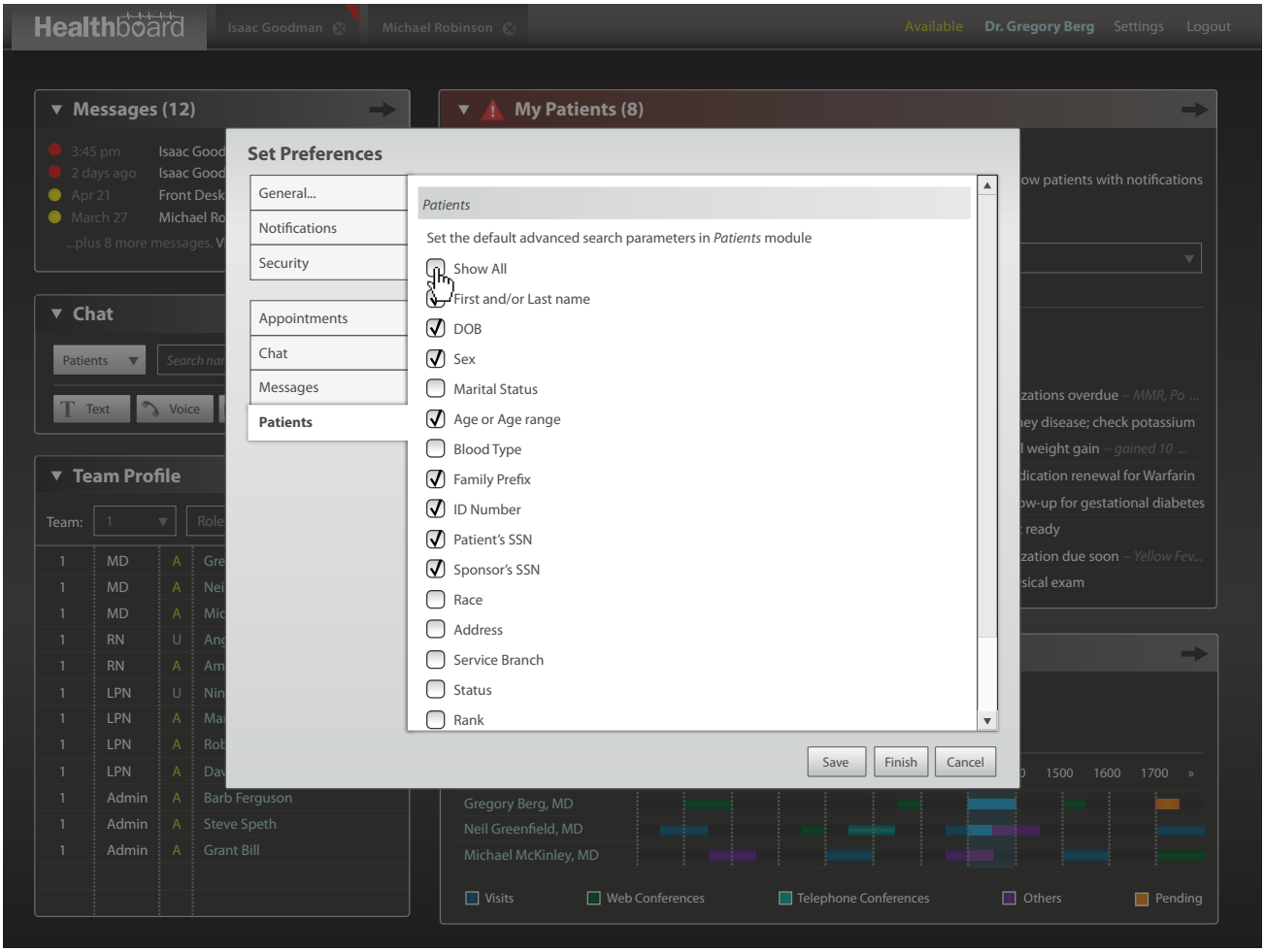
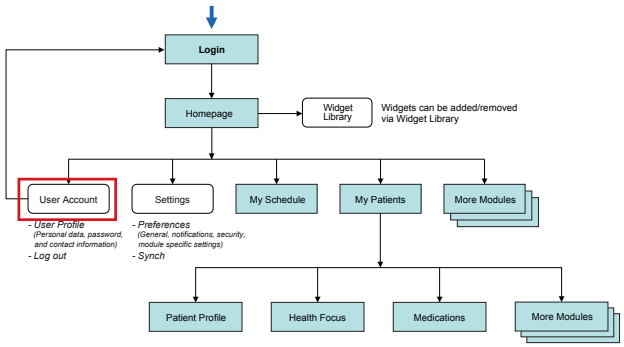
USER PREFERENCES: PATIENT SEARCH



The user can check or uncheck search parameters.



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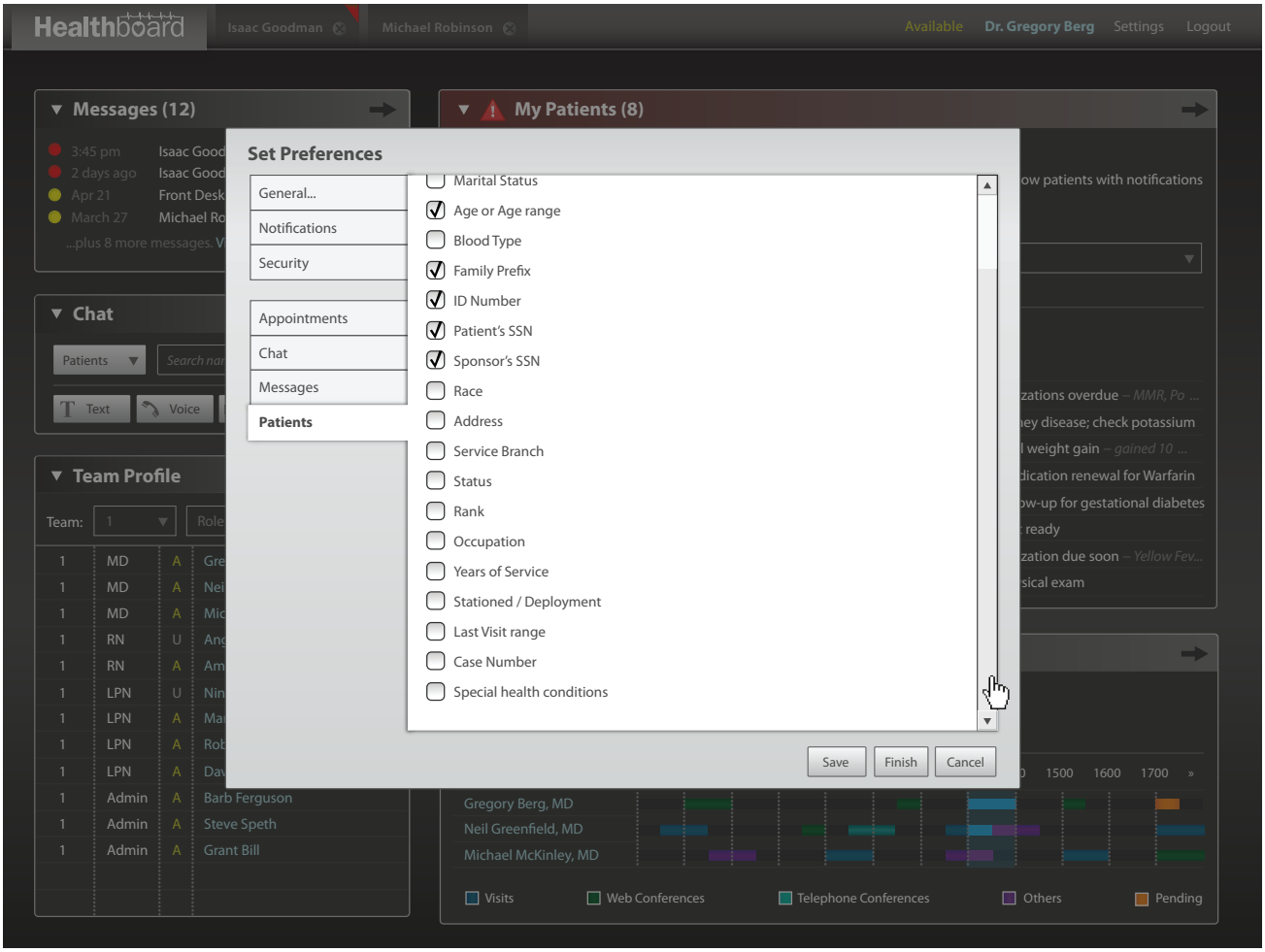
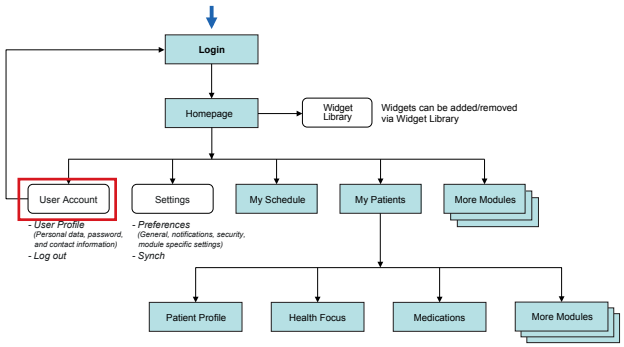
USER PREFERENCES: PATIENT SEARCH



The user scrolls down to view more options.



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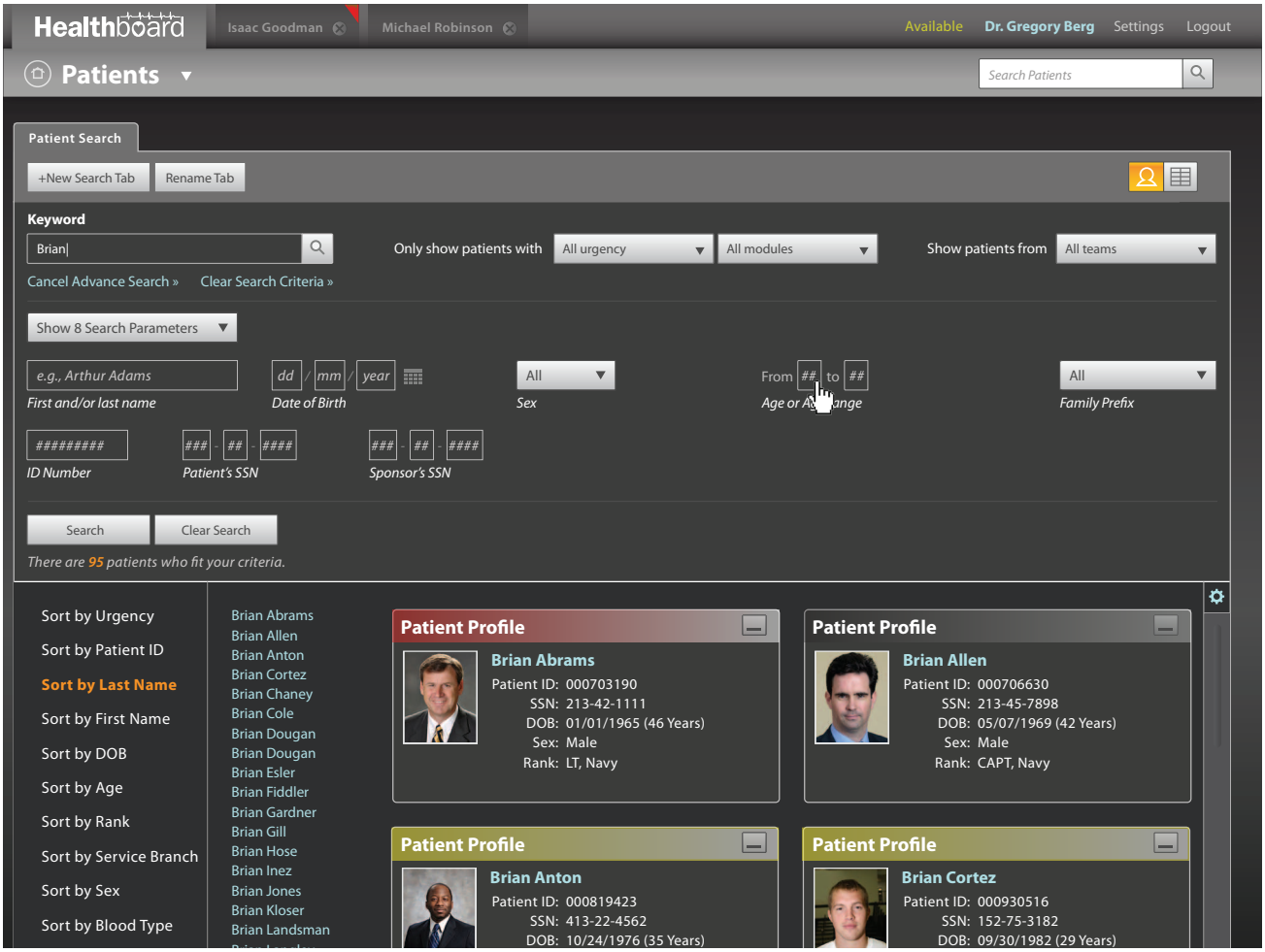
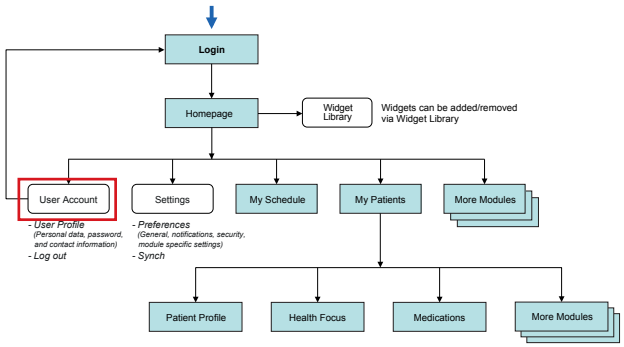
USER PREFERENCES: PATIENT SEARCH



The search parameters reflect the user's selections.



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Public Health Advisory

INTRODUCTION This section of the Detailed GUI Volume documents the design of the Providers Portal's *Public Health Advisory* module for the Visual Dashboard for a Patient Centered Medical Home (PCMH). The documentation includes both workflow diagrams and visual models: the workflow diagrams detail the user experience and interactions within this module, and the visual models present graphic assets and elements within this module.

The following are high-level objectives for *Public Health Advisory*:

- To allow the user to gain easy access to the list of active outbreaks and warnings (e.g., influenza, foodborne illnesses, West Nile virus) publicly affecting the region where the user practices.
- To identify and present patients affected and at risk.
- To present functionalities for the user to send warnings, alerts, and information on advisory to patients.
- To facilitate the "Case Reports" feature that allows the user to fill out and send both mandatory and voluntary reports to local health departments.

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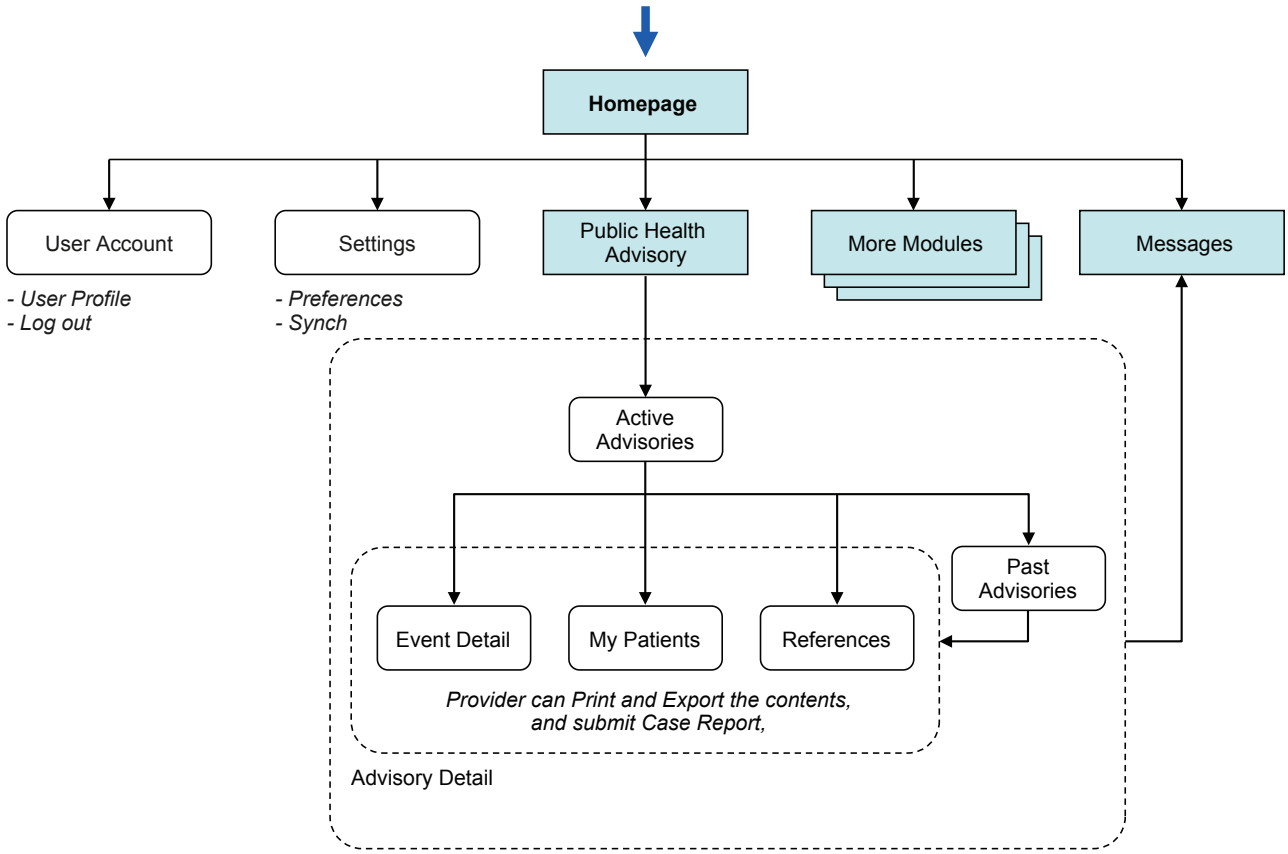
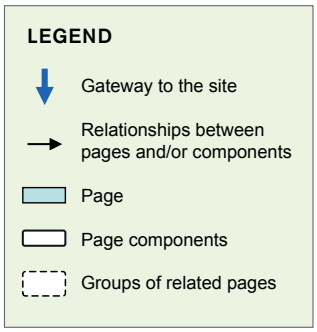
FLOWCHART FOR PUBLIC HEALTH ADVISORY MODULE





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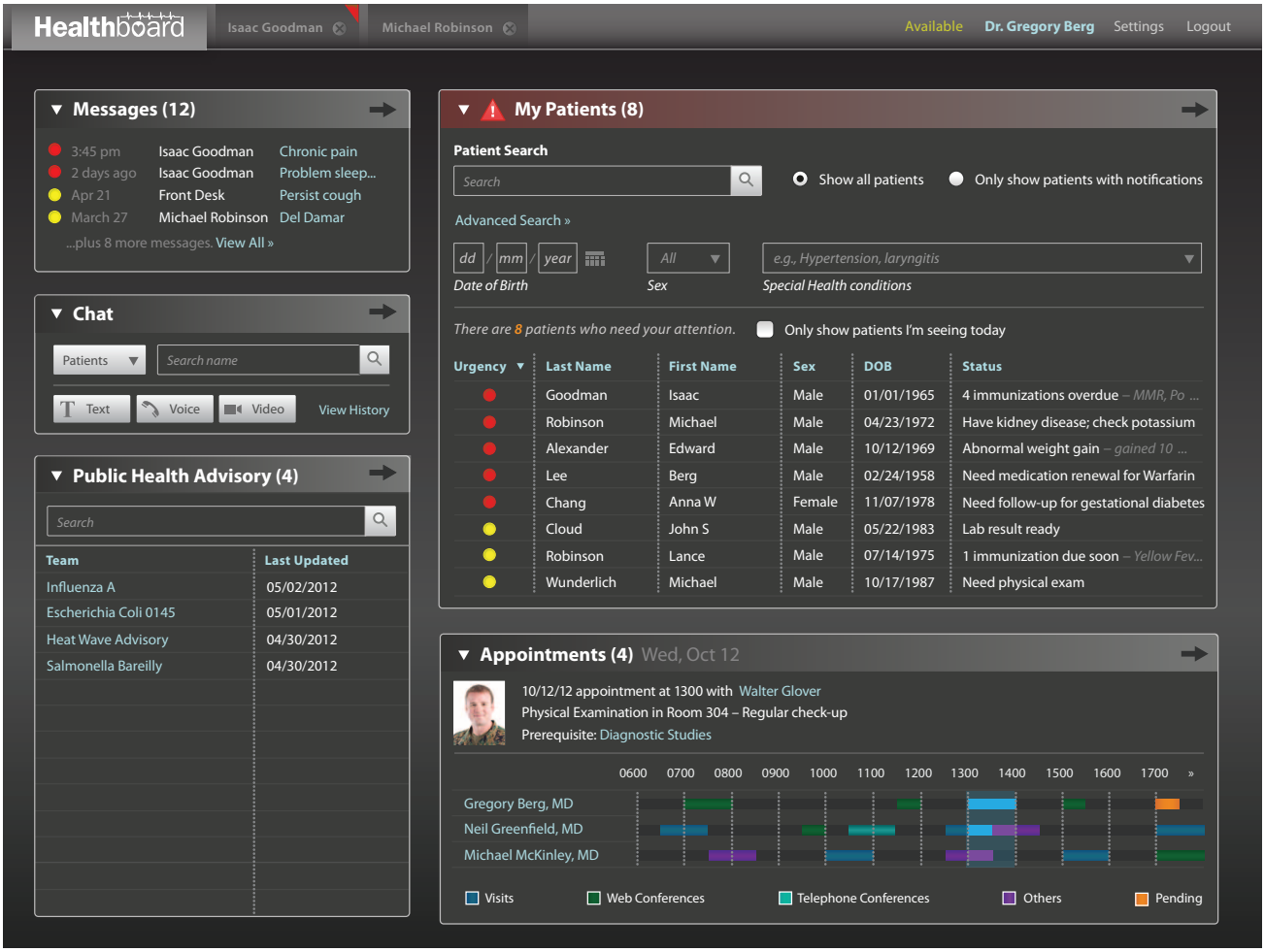
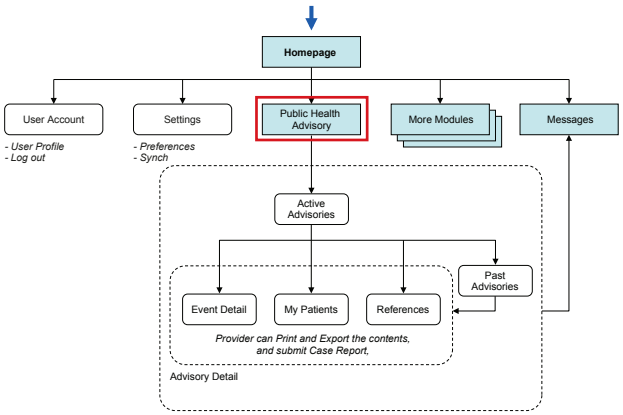
PUBLIC HEALTH ADVISORY: OVERVIEW



The user can see current alerts in the *Public Health Advisory* widget. The user can also search for specific outbreak using the search box.



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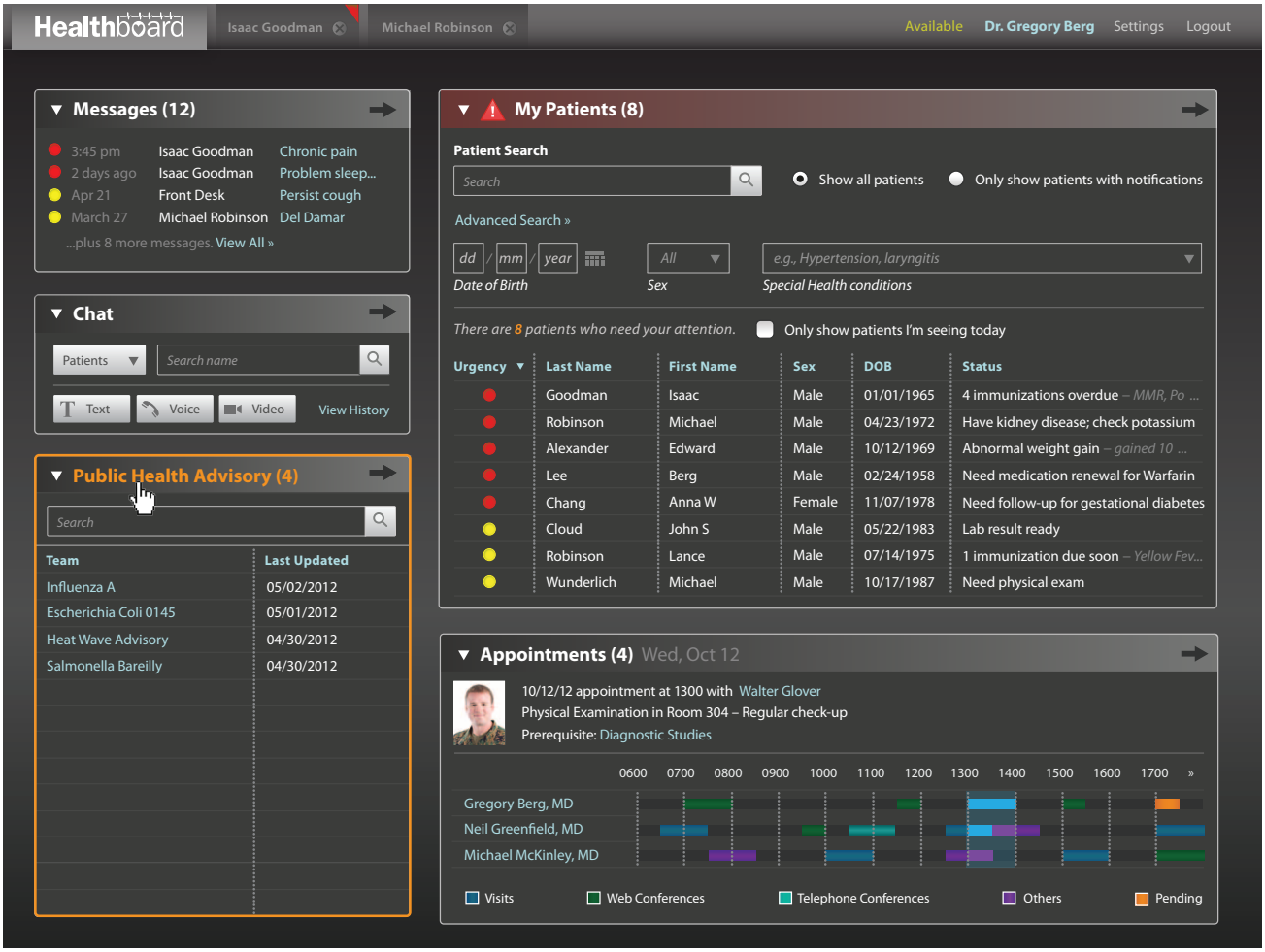
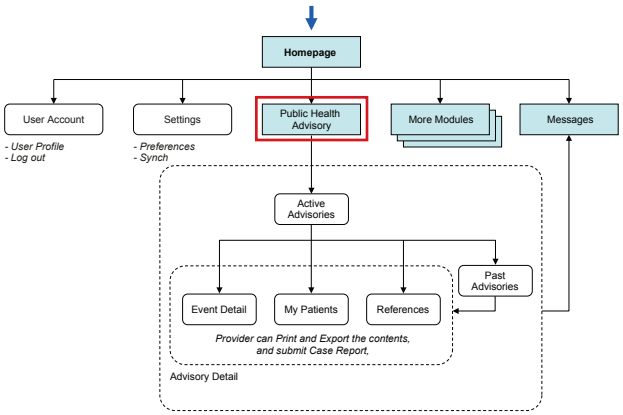
PUBLIC HEALTH ADVISORY: OVERVIEW



The user can access *Public Health Advisory* module by clicking the widget.



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PUBLIC HEALTH ADVISORY: OVERVIEW

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Public Health Advisory ▾ *There are 4 active advisories.* Search Public Health Advisory

Overview

Case Report | Print | Export | Message | Time Range: 2w 1m 1y All Custom

Active Advisories (4) View Past Advisories | Sort by: Last Updated

Influenza A

Last Update — *May 2, 2012*

The percent of respiratory specimens testing positive for influenza has surpassed 10 %, a general marker...

	My Patients	Total Cases
Affected	23	10,108
At risk	35	N/A
Deaths	0	53

Source: CDC, DOH, NNMC

Escherichia Coli 0145

Last Update — *May 1, 2012*

Collaborative investigative efforts of state, local, and federal public health and regulatory agencies indicated...

	My Patients	Total Cases
Affected	9	95
At risk	17	N/A
Deaths	0	12

Source: CDC, DOH, NNMC

Heat Wave Advisory

Newly Added — *April 30, 2012*

Temperatures to approach or even surpass 110 degrees for the next several days onward with the cha...

	My Patients	Total Cases
Affected	7	N/A
At risk	104	N/A
Deaths	0	3

Source: CDC, DOH, NNMC

Salmonella Bareilly

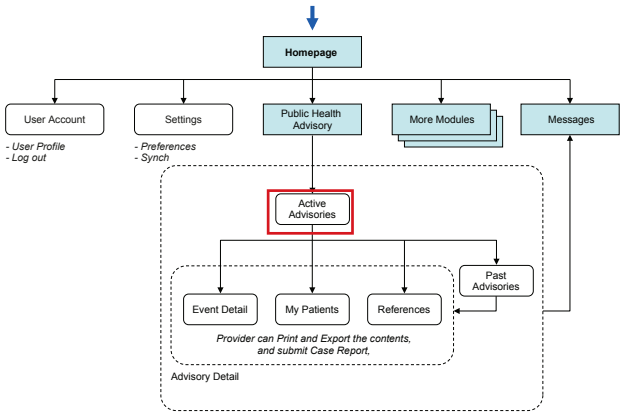
Last Update — *April 30, 2012*

A total of 425 persons infected with the outbreak strains of Salmonella Bareilly were reported from 28...

	My Patients	Total Cases
Affected	23	425
At risk	35	N/A
Deaths	0	0

Source: CDC, DOH, NNMC

The *Public Health Advisory* module aids providers in tracking information and resources for preparing for and responding to public health emergencies. The current screen shows the list of "Active Advisories" sorted by the last updated date. The number of affected, at risk or dead patients of the provider are displayed next to the total cases.



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PUBLIC HEALTH ADVISORY: OVERVIEW OPTIONS

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Public Health Advisory ▾ *There are 4 active advisories.* Search Public Health Advisory

Overview

Case Report | Print | Export | Message | Time Range: 2w 1m 1y All Custom

Active Advisories (4) View Past Advisories | Sort by: Last Updated

Last Updated
Affected (My Patients)
At risk (My Patients)
Deaths (My Patients)
Affected (Total)
At risk (Total)
Deaths (Total)

Influenza A

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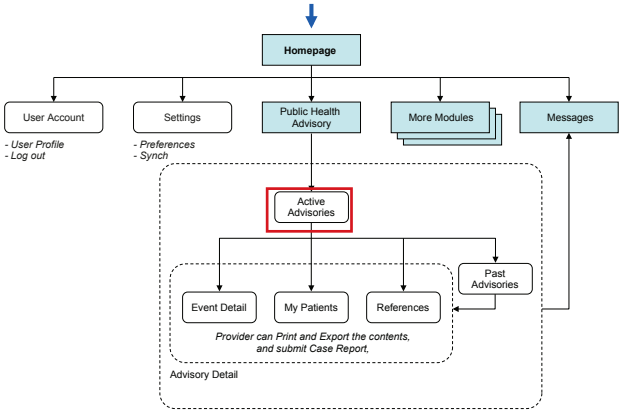
Salmonella Ba

Last Update –
A total of 425 p
the outbreak st
Bareilly were re

	My Patients	Total Cases
Affected	23	425
At risk	35	N/A
Deaths	0	0

Source: CDC, DOH, NNMC

The provider can sort the advisories list by multiple options.



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PUBLIC HEALTH ADVISORY: LINK TO EVENT DETAIL

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Public Health Advisory ▾ *There are 4 active advisories.* Search Public Health Advisory

Overview

Case Report | Print | Export | Message | Time Range: 2w 1m 1y All Custom

Active Advisories (4) View Past Advisories | Sort by: Last Updated

Influenza A

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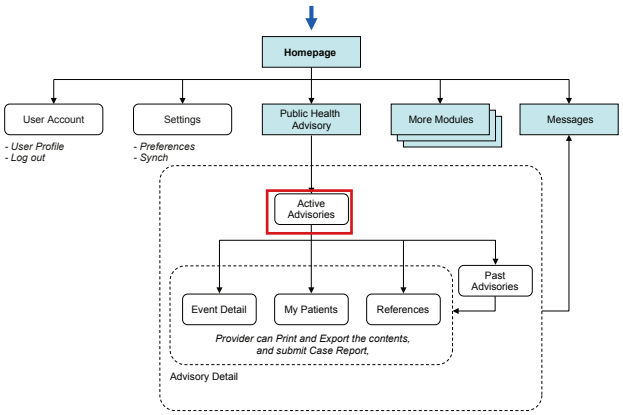
	My Patients	Total Cases
Affected	23	425
At risk	35	N/A
Deaths	0	0

Source: CDC, DOH, NNMC

The provider can access detail information of an advisory by clicking the title.



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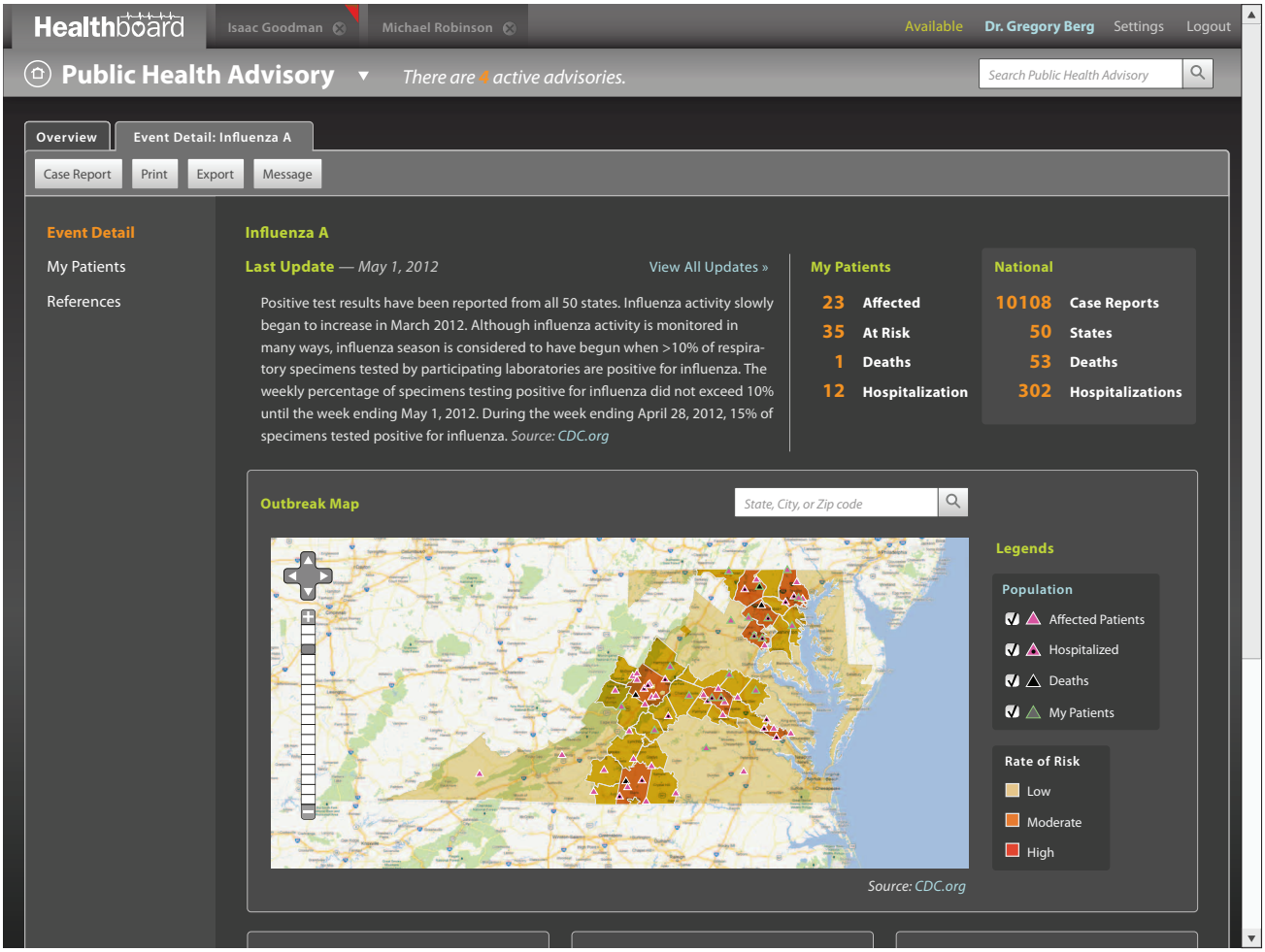
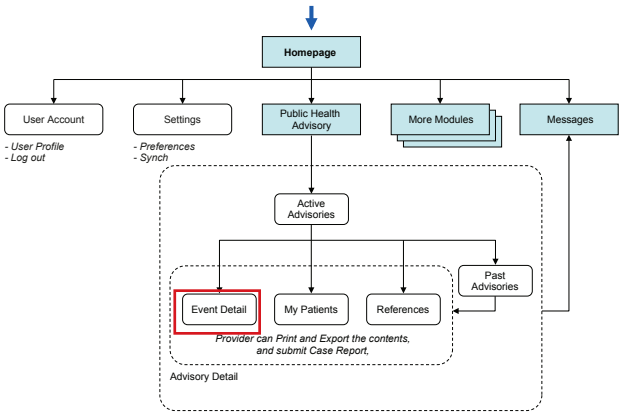
PUBLIC HEALTH ADVISORY: EVENT DETAIL



This screen shows the detailed view of "Influenza A" advisory. The provider can access more in depth information regarding the current flu outbreak.

The "Outbreak Map" gives a quick overview of at risk areas and locations of affected patients. The provider can enter specific locations of interest in the search bar, and the map will update accordingly. The user can also show or hide specific populations of interest (e.g., affected, hospitalized and deceased) on the map.



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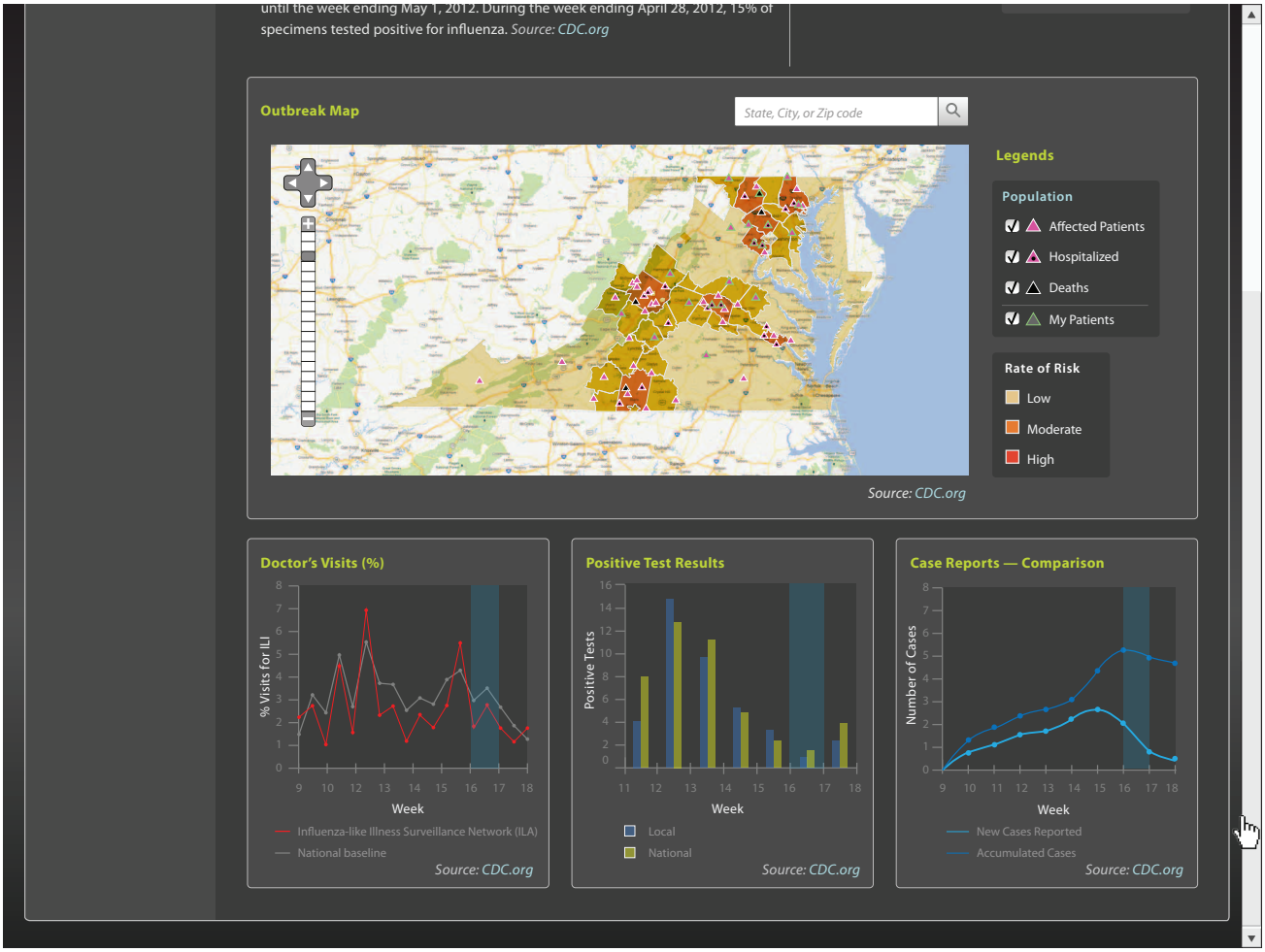
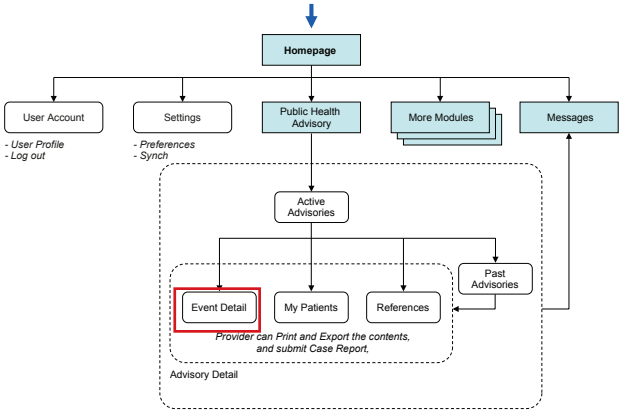
PUBLIC HEALTH ADVISORY: EVENT DETAIL



The user scrolls down to see more graphs regarding the flu outbreak. The blue highlight indicates the current week.



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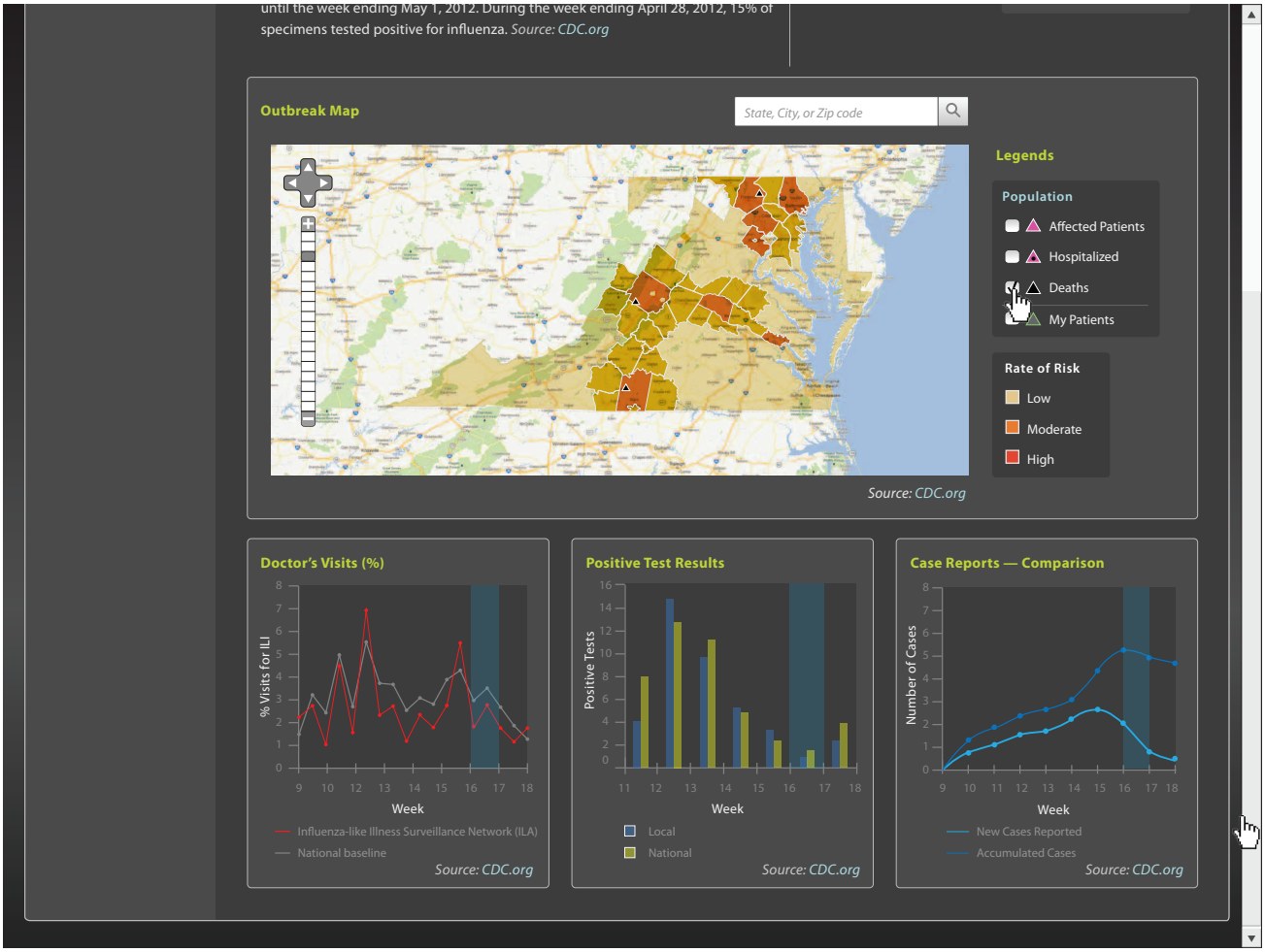
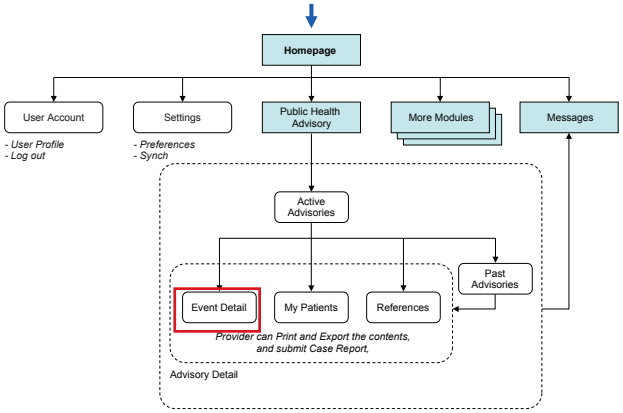
PUBLIC HEALTH ADVISORY: EVENT DETAIL — MAP LEGEND



The user can also show or hide specific populations of interest (e.g., affected, hospitalized and deceased) on the map.



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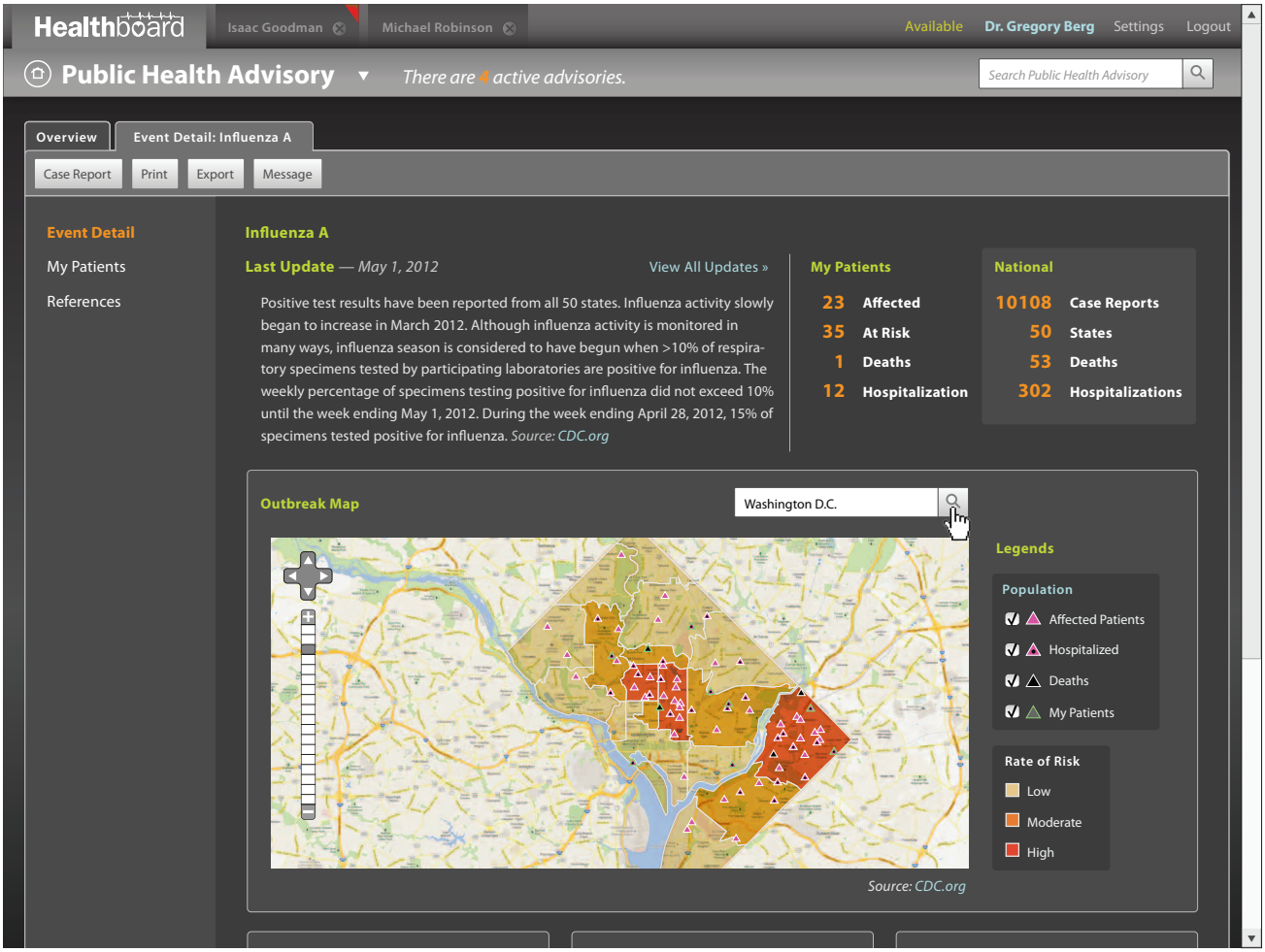
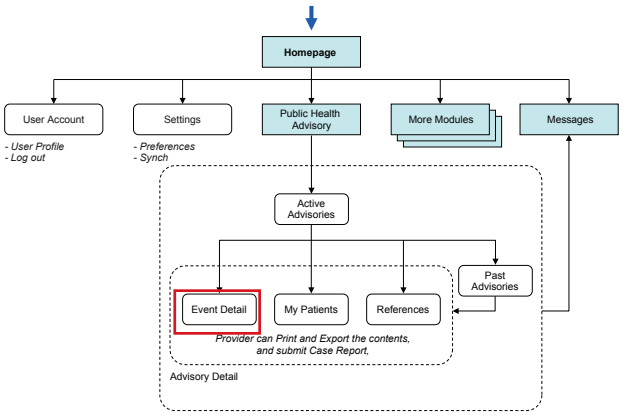
PUBLIC HEALTH ADVISORY: EVENT DETAIL — SEARCH LOCATION



The user can enter specific locations of interest. In this screen the user enters Washington D.C., and the map updates accordingly.



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PUBLIC HEALTH ADVISORY: EVENT DETAIL — ZIPCODE

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Public Health Advisory ▾ *There are 4 active advisories.* Search Public Health Advisory

Overview | Event Detail: Influenza A

Case Report | Print | Export | Message

Event Detail
My Patients
References

Influenza A

Last Update — *May 1, 2012* View All Updates »

Positive test results have been reported from all 50 states. Influenza activity slowly began to increase in March 2012. Although influenza activity is monitored in many ways, influenza season is considered to have begun when >10% of respiratory specimens tested by participating laboratories are positive for influenza. The weekly percentage of specimens testing positive for influenza did not exceed 10% until the week ending May 1, 2012. During the week ending April 28, 2012, 15% of specimens tested positive for influenza. *Source: CDC.org*

My Patients
23 Affected
35 At Risk
1 Deaths
12 Hospitalization

National
10108 Case Reports
50 States
53 Deaths
302 Hospitalizations

Outbreak Map Washington D.C.

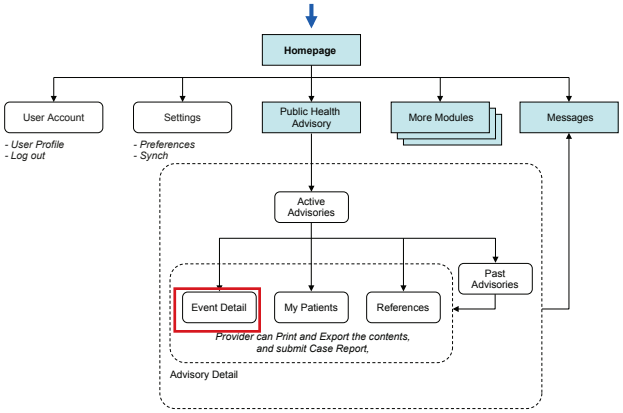
Zipcode: 20001

Legends
Population
Affected Patients
Hospitalized
Deaths
My Patients

Rate of Risk
Low
Moderate
High

Source: CDC.org

The zip code of an area appears as the user hovers over the map.



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PUBLIC HEALTH ADVISORY: EVENT DETAIL — VIEW ALL UPDATES

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Public Health Advisory ▾ *There are 4 active advisories.* Search Public Health Advisory

Overview | Event Detail: Influenza A

Case Report | Print | Export | Message

Event Detail
My Patients
References

Influenza A

Last Update — *May 1, 2012* View All Updates »

Positive test results have been reported from all 50 states. Influenza activity slowly began to increase in March 2012. Although influenza activity is monitored in many ways, influenza season is considered to have begun when >10% of respiratory specimens tested by participating laboratories are positive for influenza. The weekly percentage of specimens testing positive for influenza did not exceed 10% until the week ending May 1, 2012. During the week ending April 28, 2012, 15% of specimens tested positive for influenza. *Source: CDC.org*

My Patients
23 Affected
35 At Risk
1 Deaths
12 Hospitalization

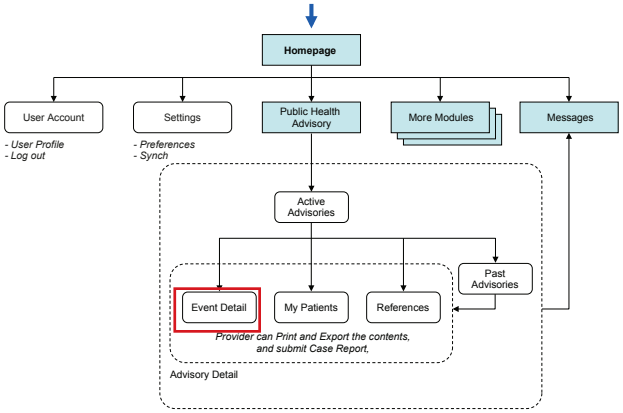
National
10108 Case Reports
50 States
53 Deaths
302 Hospitalizations

Outbreak Map Washington D.C.

Legends
Population
Affected Patients
Hospitalized
Deaths
My Patients
Rate of Risk
Low
Moderate
High

Source: CDC.org

The user can click the "View All Updates" link to access all previous reports on this outbreak.



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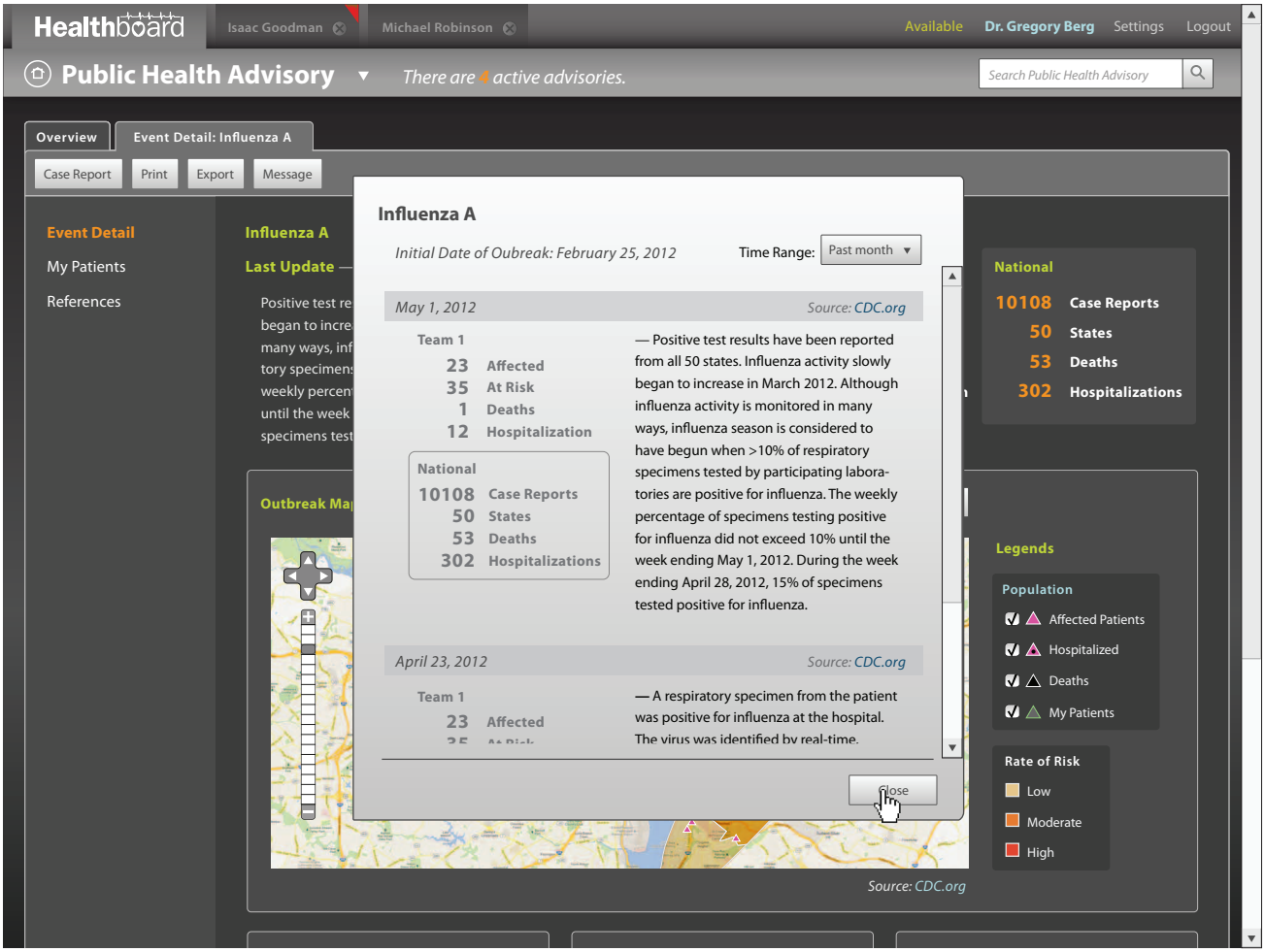
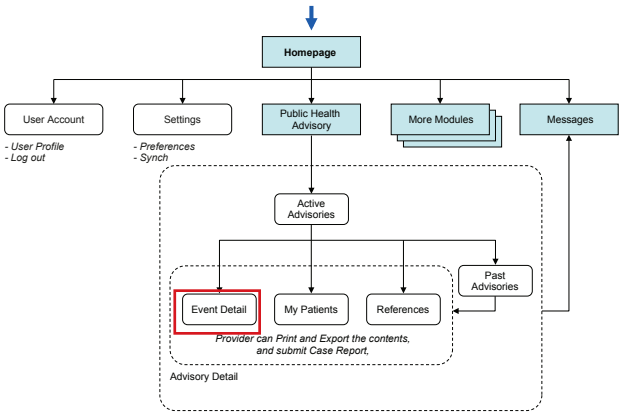
PUBLIC HEALTH ADVISORY: EVENT DETAIL — VIEW ALL UPDATES



A pop up window appears showing previous updates. The user can select the time range from the drop-down menu in the top right.



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PUBLIC HEALTH ADVISORY: MY PATIENTS

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Public Health Advisory ▾ *There are 4 active advisories.* Search Public Health Advisory

Overview | My Patients: Influenza A

Case Report | Print | Export | Message

Event Detail
My Patients
References

My Patients — Influenza A View Patient Selection Criteria

Show Patients: All

There are 23 patients affected; there are 35 patients at risk. (Last Updated: May 1, 2012)

Fred Anderson

Status: Affected (Outpatient)
Listed Date: May 1, 2012
Updated: --

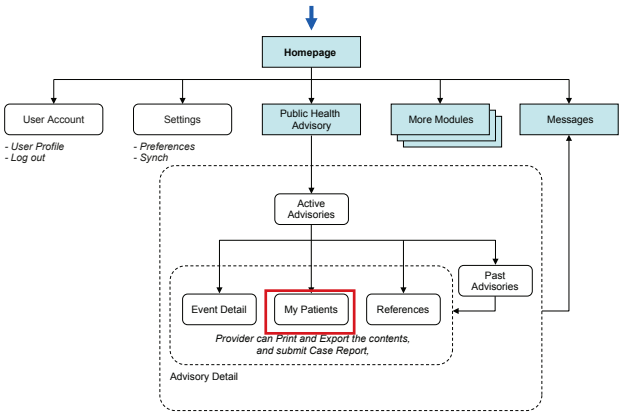
Relations: Anderson, Lisa

Recommendation: Rest

Status	Patients	DOB/Age	Updated	State
Affected	Anderson, Fred	10/03/1973 (39 yrs)	May 1, 2012	Washington D.C.
Affected	Arnolds, Richard	10/03/1973 (39 yrs)	May 1, 2012	Washington D.C.
Affected	Barret, John	10/03/1973 (39 yrs)	May 1, 2012	Virginia
Affected	Brick, Christina	10/03/1973 (39 yrs)	May 1, 2012	Washington D.C.
Affected	Burg, Andre	10/03/1973 (39 yrs)	May 1, 2012	Virginia
Affected	Colleen, Wallace	10/03/1973 (39 yrs)	May 1, 2012	Maryland
High Risk	Einstein, Ashley	10/03/1973 (39 yrs)	May 1, 2012	Virginia
Routine Risk	Faust, Nicholas	10/03/1973 (39 yrs)	May 1, 2012	Maryland
Routine Risk	Frankenstein, John	10/03/1973 (39 yrs)	May 1, 2012	Maryland
Affected	Giovanni, Richard	10/03/1973 (39 yrs)	April 27, 2012	Maryland
Affected	Brooke, Michael	10/03/1973 (39 yrs)	April 27, 2012	Maryland
Affected	Cook, Adrian	10/03/1973 (39 yrs)	April 27, 2012	Washington D.C.
High Risk	Christopher, Robin	10/03/1973 (39 yrs)	April 27, 2012	Washington D.C.

As the user clicks "My Patients" menu in the left column. Here the provider can access the list of his affected, hospitalized and deceased patients. The provider can also view the patient's information such as status, name, date of birth (DOB)/age, updated date, and location in the table.

The selected patient's related (or connected) individuals and recommendation for the patient are also displayed in the window on the top. The provider can send a message to the patient by clicking the mail icon next to the patient's name.



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PUBLIC HEALTH ADVISORY: MY PATIENTS

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Public Health Advisory ▾ *There are 4 active advisories.* Search Public Health Advisory

Overview | My Patients: Influenza A

Case Report | Print | Export | Message

Event Detail
My Patients
References

My Patients — Influenza A View Patient Selection Criteria

Show Patients: All ▾ (All, Affected, At risk)

There are 23 patients affected; there are 35 patients at risk. (Last Updated: May 1, 2012)

Fred Anderson

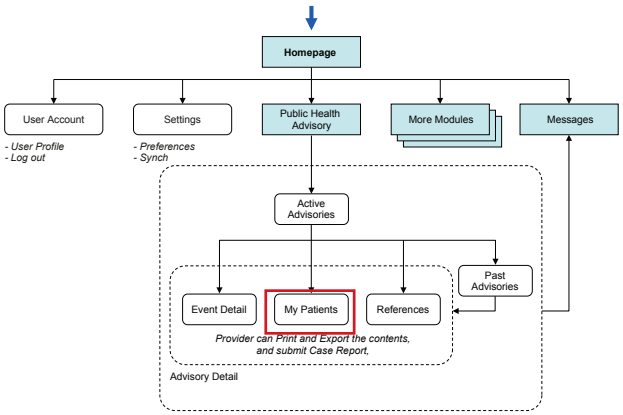
Status: Affected (Outpatient)
Listed Date: May 1, 2012
Updated: --

Relations: Anderson, Lisa

Recommendation: Rest

Status	Patients	DOB/Age	Updated	State
Affected	Anderson, Fred	10/03/1973 (39 yrs)	May 1, 2012	Washington D.C.
Affected	Arnolds, Richard	10/03/1973 (39 yrs)	May 1, 2012	Washington D.C.
Affected	Barret, John	10/03/1973 (39 yrs)	May 1, 2012	Virginia
Affected	Brick, Christina	10/03/1973 (39 yrs)	May 1, 2012	Washington D.C.
Affected	Burg, Andre	10/03/1973 (39 yrs)	May 1, 2012	Virginia
Affected	Colleen, Wallace	10/03/1973 (39 yrs)	May 1, 2012	Maryland
High Risk	Einstein, Ashley	10/03/1973 (39 yrs)	May 1, 2012	Virginia
Routine Risk	Faust, Nicholas	10/03/1973 (39 yrs)	May 1, 2012	Maryland
Routine Risk	Frankenstein, John	10/03/1973 (39 yrs)	May 1, 2012	Maryland
Affected	Giovanni, Richard	10/03/1973 (39 yrs)	April 27, 2012	Maryland
Affected	Brooke, Michael	10/03/1973 (39 yrs)	April 27, 2012	Maryland
Affected	Cook, Adrian	10/03/1973 (39 yrs)	April 27, 2012	Washington D.C.
High Risk	Christopher, Robin	10/03/1973 (39 yrs)	April 27, 2012	Washington D.C.

The provider can filter the list by status (e.g., affected, at risk, or all) from the drop down menu in the top right.



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PUBLIC HEALTH ADVISORY: MY PATIENTS — RELATIONS

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Public Health Advisory ▾ *There are 4 active advisories.* Search Public Health Advisory

Overview | My Patients: Influenza A

Case Report | Print | Export | Message

Event Detail
My Patients
References

My Patients — Influenza A View Patient Selection Criteria

Show Patients: All

There are 23 patients affected; there are 35 patients at risk. (Last Updated: May 1, 2012)

Fred Anderson

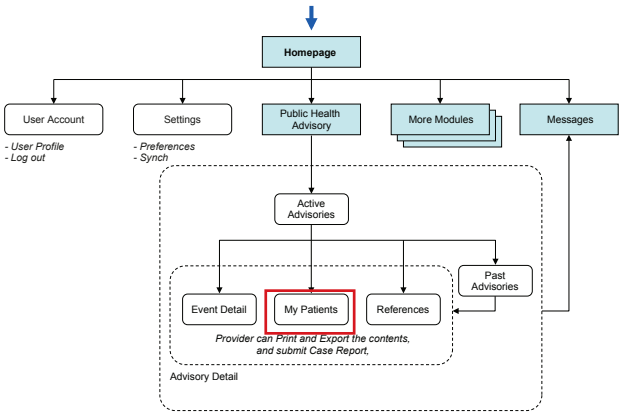
Status: Affected (Outpatient)
Listed Date: May 1, 2012
Updated: --

Relations: Anderson, Lisa — Spouse

Recommendation: Rest

Status	Patients	DOB/Age	Updated	State
Affected	Anderson, Fred	10/03/1973 (39 yrs)	May 1, 2012	Washington D.C.
Affected	Arnolds, Richard	10/03/1973 (39 yrs)	May 1, 2012	Washington D.C.
Affected	Barret, John	10/03/1973 (39 yrs)	May 1, 2012	Virginia
Affected	Brick, Christina	10/03/1973 (39 yrs)	May 1, 2012	Washington D.C.
Affected	Burg, Andre	10/03/1973 (39 yrs)	May 1, 2012	Virginia
Affected	Colleen, Wallace	10/03/1973 (39 yrs)	May 1, 2012	Maryland
High Risk	Einstein, Ashley	10/03/1973 (39 yrs)	May 1, 2012	Virginia
Routine Risk	Faust, Nicholas	10/03/1973 (39 yrs)	May 1, 2012	Maryland
Routine Risk	Frankenstein, John	10/03/1973 (39 yrs)	May 1, 2012	Maryland
Affected	Giovanni, Richard	10/03/1973 (39 yrs)	April 27, 2012	Maryland
Affected	Brooke, Michael	10/03/1973 (39 yrs)	April 27, 2012	Maryland
Affected	Cook, Adrian	10/03/1973 (39 yrs)	April 27, 2012	Washington D.C.
High Risk	Christopher, Robin	10/03/1973 (39 yrs)	April 27, 2012	Washington D.C.

The user can see the relationship of the individual to the patient as the user hovers over the name.



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PUBLIC HEALTH ADVISORY: MY PATIENTS — CUSTOMIZE TABLE

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Public Health Advisory ▾ *There are 4 active advisories.* Search Public Health Advisory

Overview | My Patients: Influenza A

Case Report | Print | Export | Message

Event Detail
My Patients
References

My Patients — Influenza A View
There are 23 patients affected; there *2012)*
Show Patients: All

Fred Anderson
Status: Affected (Outpat
Listed Date: May 1, 2
Updated: --
Recommendation: Rest

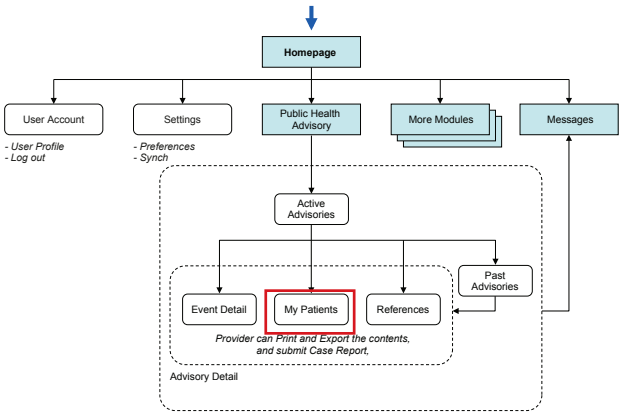
Status	Patients		Updated	State
Affected	Anderson, Fred		May 1, 2012	Washington D.C.
Affected	Arnolds, Richard		May 1, 2012	Washington D.C.
Affected	Barret, John		May 1, 2012	Virginia
Affected	Brick, Christina		May 1, 2012	Washington D.C.
Affected	Burg, Andre		May 1, 2012	Virginia
Affected	Colleen, Wallace		May 1, 2012	Maryland
High Risk	Einstein, Ashley		May 1, 2012	Virginia
Routine Risk	Faust, Nicholas		May 1, 2012	Maryland
Routine Risk	Frankenstein, John		May 1, 2012	Maryland
Affected	Giovanni, Richard		April 27, 2012	Maryland
Affected	Brooke, Michael	10/03/1973 (39 yrs)	April 27, 2012	Maryland
Affected	Cook, Adrian	10/03/1973 (39 yrs)	April 27, 2012	Washington D.C.
High Risk	Christopher, Robin	10/03/1973 (39 yrs)	April 27, 2012	Washington D.C.

Customize Table
Please select the data to display in the table.

- [x] Status
- [x] Patients
- [ ] Allergies
- [x] DOB/Age
- [x] Listed Date
- [ ] Current Medications
- [ ] Diagnosis
- [ ] Hospitalization
  - [ ] Hospitalization Status
  - [ ] Location of Hospitalization
  - [ ] Date of Admission
  - [ ] Date of Discharge
  - [ ] Date of Readmission
- [-] Location
  - [x] State
  - [ ] City
  - [ ] Zip code

Apply | Cancel

The user can customize the information displayed in the patient list table by clicking a gear icon in the top right. A pop up window appears offering available categories.



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PUBLIC HEALTH ADVISORY: MY PATIENTS — CUSTOMIZE TABLE (CONTINUED)

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Public Health Advisory ▾ *There are 4 active advisories.* Search Public Health Advisory

Overview | My Patients: Influenza A

Case Report | Print | Export | Message

Event Detail
My Patients
References

My Patients — Influenza A View
There are 23 patients affected; there ... *2012)*

Show Patients: All

Fred Anderson

Status: Affected (Outpat...
Listed Date: May 1, 2...
Updated: --

Recommendation: Rest

Status	Patients		Updated	State
Affected	Anderson, Fred		May 1, 2012	Washington D.C.
Affected	Arnolds, Richard		May 1, 2012	Washington D.C.
Affected	Barret, John		May 1, 2012	Virginia
Affected	Brick, Christina		May 1, 2012	Washington D.C.
Affected	Burg, Andre		May 1, 2012	Virginia
Affected	Colleen, Wallace		May 1, 2012	Maryland
High Risk	Einstein, Ashley		May 1, 2012	Virginia
Routine Risk	Faust, Nicholas		May 1, 2012	Maryland
Routine Risk	Frankenstein, John		May 1, 2012	Maryland
Affected	Giovanni, Richard		April 27, 2012	Maryland
Affected	Brooke, Michael	10/03/1973 (39 yrs)	April 27, 2012	Maryland
Affected	Cook, Adrian	10/03/1973 (39 yrs)	April 27, 2012	Washington D.C.
High Risk	Christopher, Robin	10/03/1973 (39 yrs)	April 27, 2012	Washington D.C.

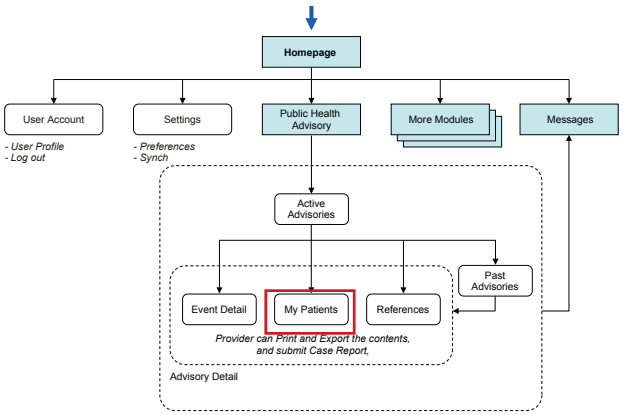
Customize Table

Please select the data to display in the table.

- [x] Status
- [x] Patients
- [ ] Allergies
- [x] DOB/Age
- [x] Listed Date
- [ ] Current Medications
- [ ] Diagnosis
- [ ] Hospitalization
  - [ ] Hospitalization Status
  - [ ] Location of Hospitalization
  - [ ] Date of Admission
  - [ ] Date of Discharge
  - [ ] Date of Readmission
- [-] Location
  - [x] State
  - [x] City
  - [ ] Zip code

Apply | Cancel

The user checks "City" under "Location."



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PUBLIC HEALTH ADVISORY: MY PATIENTS — CUSTOMIZE TABLE (CONTINUED)

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Public Health Advisory ▾ *There are 4 active advisories.* Search Public Health Advisory

Overview | My Patients: Influenza A

Case Report | Print | Export | Message

Event Detail
My Patients
References

My Patients — Influenza A View Patient Selection Criteria

Show Patients: All

There are 23 patients affected; there are 35 patients at risk. (Last Updated: May 1, 2012)

Fred Anderson

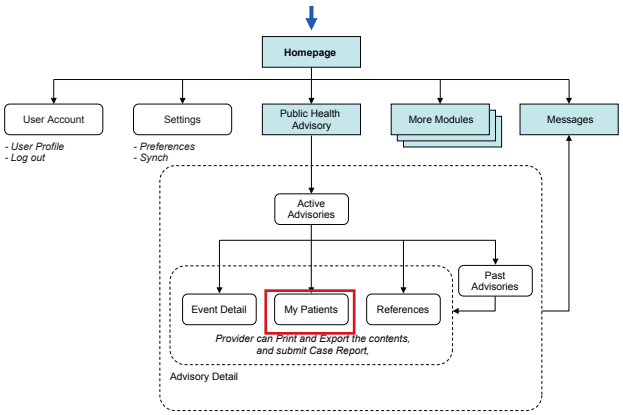
Status: Affected (Outpatient)
Listed Date: May 1, 2012
Updated: --

Relations: Anderson, Lisa

Recommendation: Rest

Status	Patients	DOB/Age	Updated	State	City
Affected	Anderson, Fred	10/03/1973 (39 yrs)	May 1, 2012	Washington D.C.	Washington D.C.
Affected	Arnolds, Richard	10/03/1973 (39 yrs)	May 1, 2012	Washington D.C.	Washington D.C.
Affected	Barret, John	10/03/1973 (39 yrs)	May 1, 2012	Virginia	Fairfax
Affected	Brick, Christina	10/03/1973 (39 yrs)	May 1, 2012	Washington D.C.	Washington D.C.
Affected	Burg, Andre	10/03/1973 (39 yrs)	May 1, 2012	Virginia	Fairfax
Affected	Colleen, Wallace	10/03/1973 (39 yrs)	May 1, 2012	Maryland	Bethesda
High Risk	Einstein, Ashley	10/03/1973 (39 yrs)	May 1, 2012	Virginia	Charlottesville
Routine Risk	Faust, Nicholas	10/03/1973 (39 yrs)	May 1, 2012	Maryland	Bethesda
Routine Risk	Frankenstein, John	10/03/1973 (39 yrs)	May 1, 2012	Maryland	Bethesda
Affected	Giovanni, Richard	10/03/1973 (39 yrs)	April 27, 2012	Maryland	Bethesda
Affected	Brooke, Michael	10/03/1973 (39 yrs)	April 27, 2012	Maryland	Bethesda
Affected	Cook, Adrian	10/03/1973 (39 yrs)	April 27, 2012	Washington D.C.	Washington D.C.
High Risk	Christopher, Robin	10/03/1973 (39 yrs)	April 27, 2012	Washington D.C.	Washington D.C.

The table now shows the "City" column.



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PUBLIC HEALTH ADVISORY: REFERENCES

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Public Health Advisory ▾ *There are 4 active advisories.* Search Public Health Advisory

Overview | References: Influenza A

Case Report | Print | Export

Event Detail
My Patients
References

References for Influenza A

Last Updated: May 1, 2012

Seasonal influenza, commonly called "the flu," is caused by influenza viruses, which infect the respiratory tract (i.e., the nose, throat, lungs). Unlike many other viral respiratory infections, such as the common cold, the flu can cause severe illness and life-threatening complications in many people. In the United States, on average 5% to 20% of the population gets the flu and more than 200,000 people are hospitalized from seasonal flu-related complications. Flu seasons are unpredictable and can be severe. Over a period of 30 years, between 1976 and 2006, estimates of flu-associated deaths in the United States range from a low of about 3,000 to a high of about 49,000 people.

Treatments »

Detailed Prevention »

Antiviral Drugs »

Health Professional

Preventions

Everyday preventive actions may slow the spread of germs that cause respiratory (nose, throat, and lungs) illnesses, like flu.

- *Get vaccination shot.*
- *Cover your nose and mouth when you cough or sneeze.*
- *Wash your hands often with soap and water.*
- *Avoid touching your eyes, nose, and mouth.*
- *Avoid close contact with sick people.*

Source: CDC | View more »

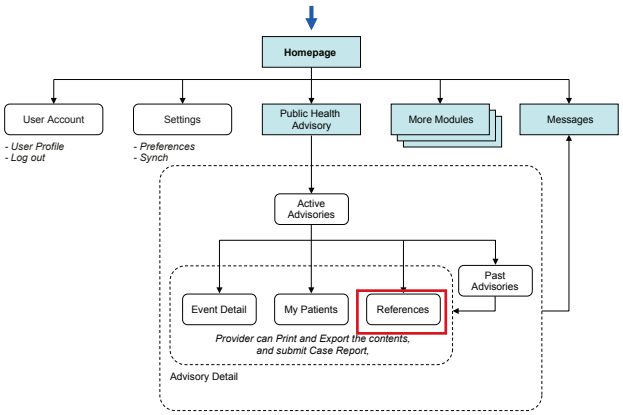
Symptoms

People who have the flu often feel some or all of these symptoms:

- *Fever* or feeling feverish/chills*
- *Cough*
- *Sore throat*
- *Runny or stuffy nose*
- *Muscle or body aches*
- *Headaches*
- *Fatigue (tiredness)*
- *Some may have vomiting and diarrhea (common in children than adults)*

Source: CDC | View more »

As the user clicks "References" menu in the left column. Here the provider can access references for the outbreak, Influenza A in this instance. In the right column, the user can see information regarding "Preventions," "Symptoms," and "People at High Risk."



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PUBLIC HEALTH ADVISORY: CASE REPORT

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Public Health Advisory ▼ *There are 4 active advisories.* Search Public Health Advisory

Overview | References: Influenza A

Case Report | Print | Export | Message

Event Detail
My Patients
References

References for Influenza A

Last Updat

Case Report — *ALL fields have to be selected and filled out*

Report Sender: Dr. Gregory Berg
Case: Select One ▼
Reason for Report: Select One ▼
Case Details:
Location:
Witnesses:
Date of assessment:
Current case status:
Last assessed:

Submit Report | Cancel

Seasonal i
is caused b
respiratory
Unlike ma
such as the
severe illn
tions in ma
average 5
flu and mo
talized fro
Flu season
severe. Ov
1976 and 2
deaths in t
about 3,00

read of germs that cause
, like flu.

when you cough or sneeze.
soap and water.
ose, and mouth.
k people.

Source: CDC | View more »

all of these symptoms:

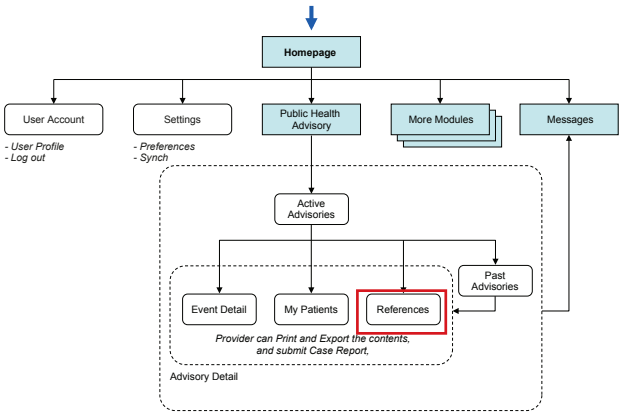
ills

Health Professional

• *Some may have vomiting and diarrhea (common in children than adults)*

Source: CDC | View more »

The user chooses "Case Report" to have a pop up window appear requesting necessary information to send a case report. The "Report Sender" is pre-filled based on the user's information.



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PUBLIC HEALTH ADVISORY: CASE REPORT (CONTINUED)

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Public Health Advisory ▼ *There are 4 active advisories.* Search Public Health Advisory

Overview | References: Influenza A

Case Report | Print | Export | Message

Event Detail
My Patients
References

References for Influenza A

Last Updat

Case Report — *ALL fields have to be selected and filled out*

Report Sender: Dr. Gregory Berg
Case: Salmonella Heidelberg — Select One ▼ (Suspected / Confirmed)
Reason for Report: Select One ▼
Case Details: Patients have had turkey from a restaurant named **********.
Location: ********** restaurant. Washington, DC 20002.
Witnesses: N/A
Date of assessment: 04/26/2012
Current case status: So far, 7 patients have been affected. FDA have been notified.
Last assessed: 05/05/2012

Submit Report | Cancel

Seasonal i… is caused b… respiratory… Unlike ma… such as the… severe illn… tions in ma… average 5… flu and mo… talized fro… Flu season… severe. Ov… 1976 and 2… deaths in t… about 3,00…

…pread of germs that cause …s, like flu.

…when you cough or sneeze. …soap and water. …ose, and mouth. …k people.

Source: CDC | View more »

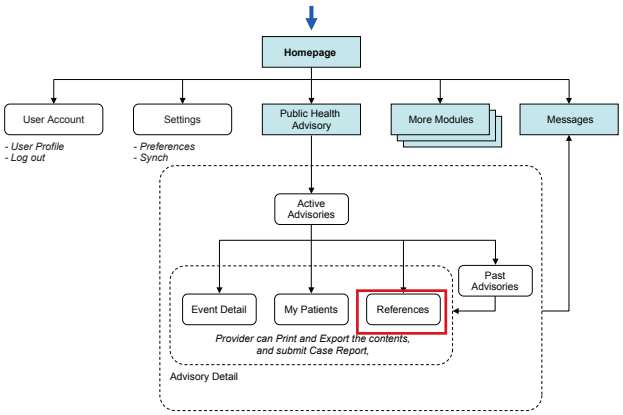
…all of these symptoms: …ills

Health Professional

• *Some may have vomiting and diarrhea (common in children than adults)*

Source: CDC | View more »

The user fills out the required fields. Certain fields require further selection through the drop down menu; the user is required to state whether the case is suspected or confirmed.



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PUBLIC HEALTH ADVISORY: CASE REPORT (CONTINUED)

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Public Health Advisory ▼ *There are 4 active advisories.* Search Public Health Advisory

Overview | References: Influenza A

Case Report | Print | Export | Message

Event Detail
My Patients
References

References for Influenza A

Last Updat

Case Report — *ALL fields have to be selected and filled out*

Report Sender: Dr. Gregory Berg
Case: Salmonella Heidelberg | Confirmed ▼
Reason for Report: Select One ▼
Case Details: Please select one of the following options. staurant named **********.
Location: ********** restaurant. Washington, DC 20002.
Witnesses: N/A
Date of assessment: 04/26/2012
Current case status: So far, 7 patients have been affected. FDA have been notified.
Last assessed: 05/05/2012

Submit Report | Cancel

Seasonal i
is caused b
respiratory
Unlike ma
such as the
severe illn
tions in ma
average 5
flu and mo
talized fro
Flu season
severe. Ov
1976 and 2
deaths in t
about 3,00

read of germs that cause
, like flu.

when you cough or sneeze.
soap and water.
ose, and mouth.
k people.

Source: CDC | View more »

all of these symptoms:

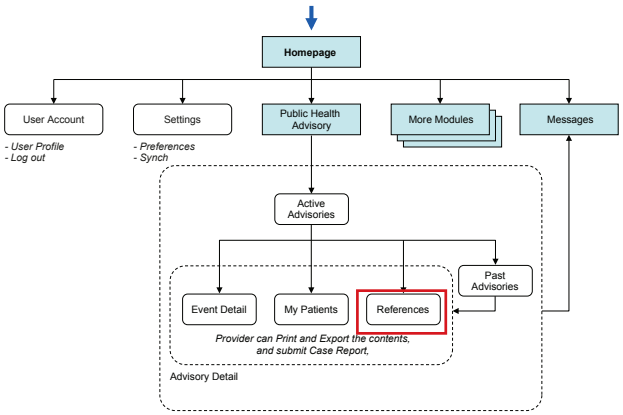
ills

Health Professional

• *Some may have vomiting and diarrhea (common in children than adults)*

Source: CDC | View more »

If the user selects "Submit Report" with incomplete fields, the system will give an alert by the incomplete fields.



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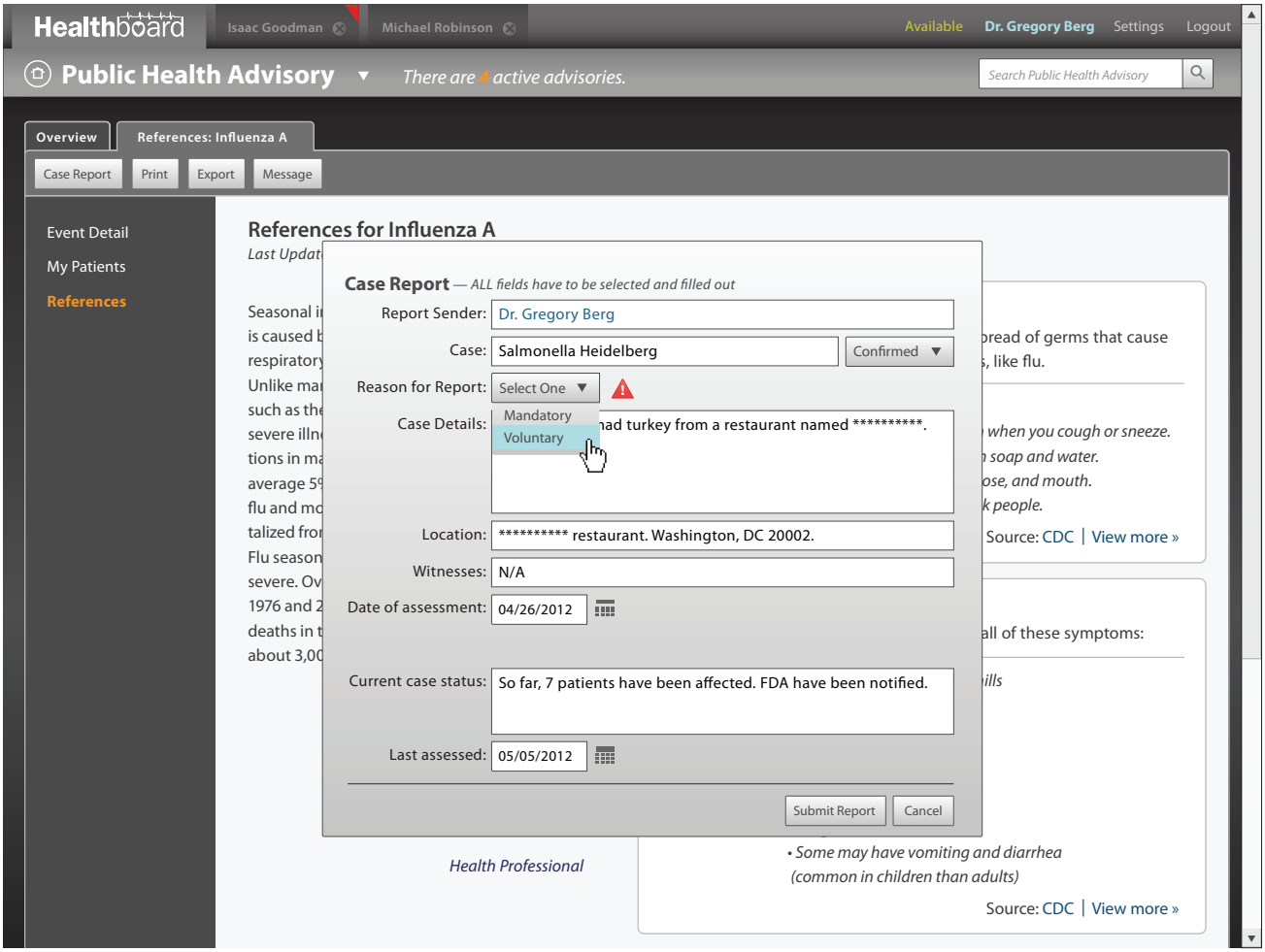
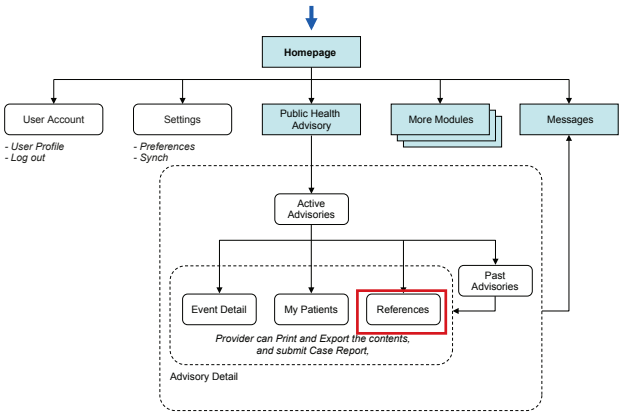
PUBLIC HEALTH ADVISORY: CASE REPORT (CONTINUED)



The user selects "Voluntary" under "Reason for Report" for this case report.



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PUBLIC HEALTH ADVISORY: CASE REPORT (CONTINUED)

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Public Health Advisory ▼ *There are 4 active advisories.* Search Public Health Advisory

Overview | References: Influenza A

Case Report | Print | Export | Message

Event Detail
My Patients
References

References for Influenza A

Last Updat

Case Report — *ALL fields have to be selected and filled out*

Report Sender: Dr. Gregory Berg
Case: Salmonella Heidelberg | Confirmed ▼
Reason for Report: Voluntary ▼
Case Details: Patients have had turkey from a restaurant named **********.
Location: ********** restaurant. Washington, DC 20002.
Witnesses: N/A
Date of assessment: 04/26/2012
Current case status: So far, 7 patients have been affected. FDA have been notified.
Last assessed: 05/05/2012

Please complete the case report | Submit Report | Cancel

Seasonal i
is caused b
respiratory
Unlike ma
such as the
severe illn
tions in ma
average 5
flu and mo
talized fro
Flu season
severe. Ov
1976 and 2
deaths in t
about 3,00

read of germs that cause
, like flu.

when you cough or sneeze.
soap and water.
ose, and mouth.
k people.

Source: CDC | View more »

all of these symptoms:

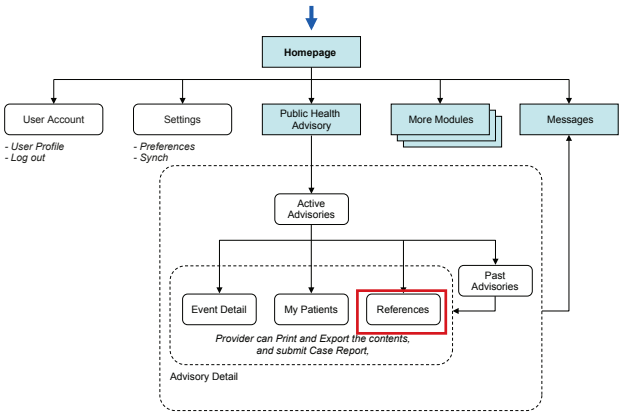
ills

Health Professional

• *Some may have vomiting and diarrhea (common in children than adults)*

Source: CDC | View more »

The user clicks the "Submit Report" button.



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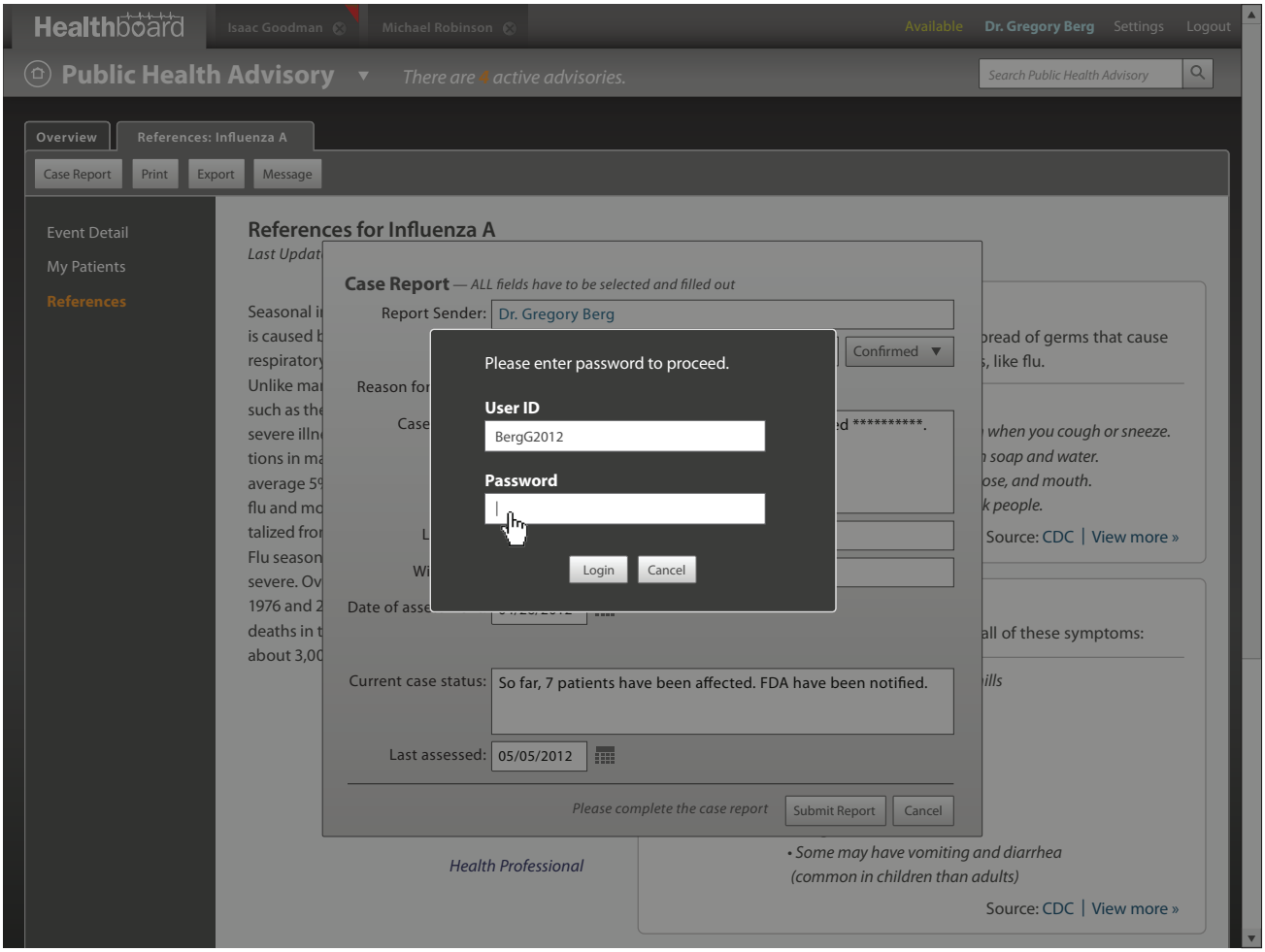
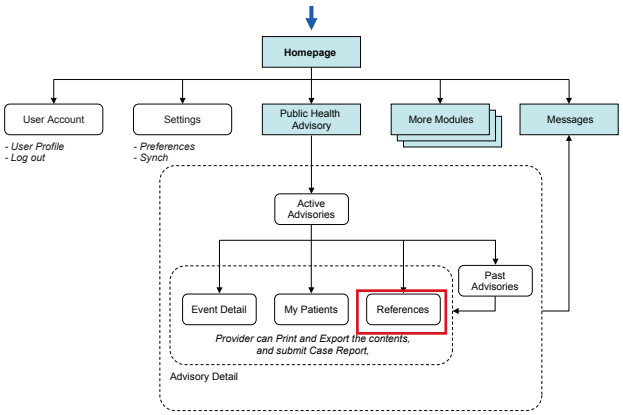
PUBLIC HEALTH ADVISORY: CASE REPORT VERIFICATION



The user is asked to verify the login information before the case report is sent.



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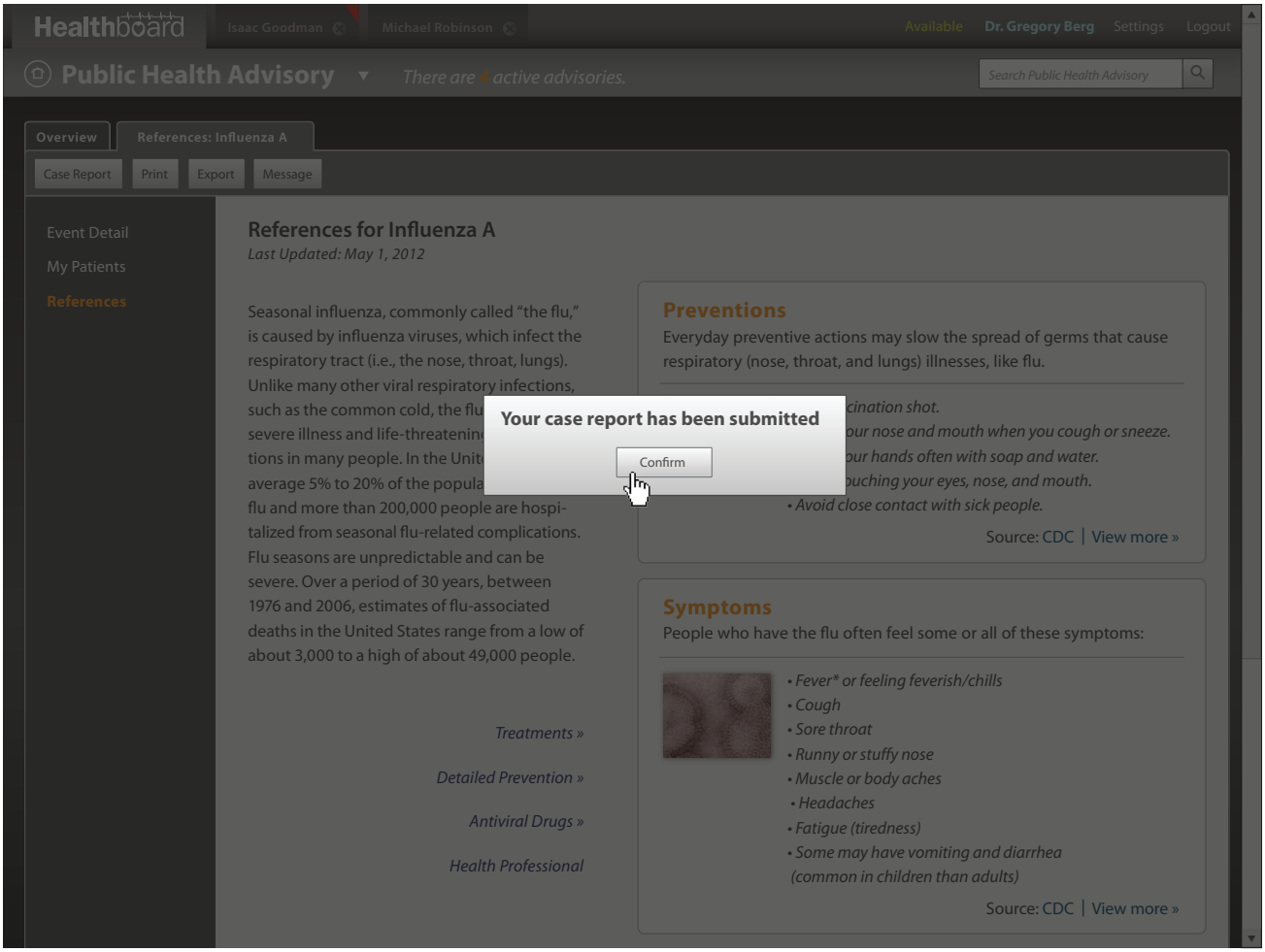
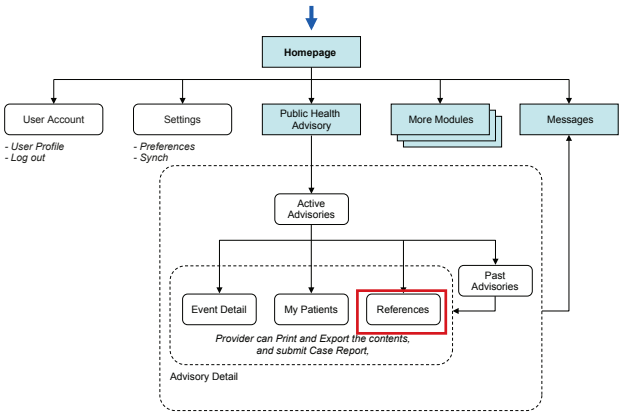
PUBLIC HEALTH ADVISORY: CASE REPORT SUBMITTED



The system notifies the user with a popup message. The user clicks the "Confirm" button.



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PUBLIC HEALTH ADVISORY: OVERVIEW — VIEW PAST ADVISORIES

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Public Health Advisory ▾ *There are 4 active advisories.* Search Public Health Advisory

Overview

Case Report | Print | Export | Message | Time Range: 2w 1m 1y All Custom

Active Advisories (4) View Past Advisories | Sort by: Last Updated

Influenza A

Last Update — *May 2, 2012*

The percent of respiratory specimens testing positive for influenza has surpassed 10 %, a general marker...

	My Patients	Total Cases
Affected	23	10,108
At risk	35	N/A
Deaths	0	53

Source: CDC, DOH, NNMC

Escherichia Coli 0145

Last Update — *May 1, 2012*

Collaborative investigative efforts of state, local, and federal public health and regulatory agencies indicated...

	My Patients	Total Cases
Affected	9	95
At risk	17	N/A
Deaths	0	12

Source: CDC, DOH, NNMC

Heat Wave Advisory

Newly Added — *April 30, 2012*

Temperatures to approach or even surpass 110 degrees for the next several days onward with the cha...

	My Patients	Total Cases
Affected	7	N/A
At risk	104	N/A
Deaths	0	3

Source: CDC, DOH, NNMC

Salmonella Bareilly

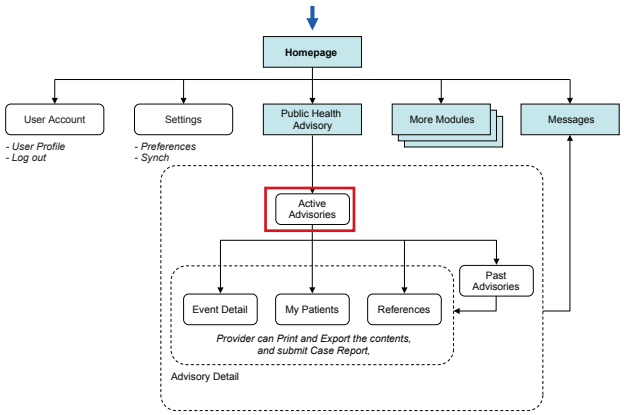
Last Update — *April 30, 2012*

A total of 425 persons infected with the outbreak strains of Salmonella Bareilly were reported from 28...

	My Patients	Total Cases
Affected	23	425
At risk	35	N/A
Deaths	0	0

Source: CDC, DOH, NNMC

The user selects "View Past Advisories" from the overview screen.



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PUBLIC HEALTH ADVISORY: PAST ADVISORIES

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Public Health Advisory ▾ *There are 4 active advisories.* Search Public Health Advisory

Overview | Past Advisories

Case Report | Print | Export | Message

Time Range: 2w 1m 1y All Custom

Past Advisories (6) Sort by: Last Updated

Salmonella Typhimurium

Final Update — May 1, 2012
This particular outbreak appears to be over.

	My Patients	Total Cases
Affected	12	33
At risk	35	153
Deaths	0	5

Source: CDC, DOH, NNMC

Salmonella Pomona

Final Update — April 25, 2012
This particular outbreak appears to be over.

	My Patients	Total Cases
Affected	7	104
At risk	N/A	N/A
Deaths	0	3

Source: CDC, DOH, NNMC

Salmonella Hadar

Final Update — April 25, 2012
This particular outbreak appears to be over.

	My Patients	Total Cases
Affected	15	N/A
At risk	24	N/A
Deaths	0	3

Source: CDC, DOH, NNMC

Salmonella Tennessee

Final Update — April 25, 2012
This particular outbreak appears to be over.

	My Patients	Total Cases
Affected	38	216
At risk	56	N/A
Deaths	0	0

Source: CDC, DOH, NNMC

Escherichia Coli 0157

Final Update — February 25, 2012
This particular outbreak appears to be over.

	My Patients	Total Cases
Affected	0	52
At risk	N/A	N/A
Deaths	0	0

Source: CDC, DOH, NNMC

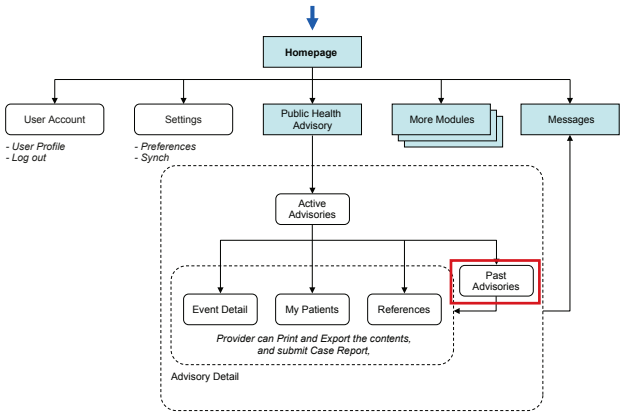
Listeriosis

Final Update — February 25, 2012
This particular outbreak appears to be over.

	My Patients	Total Cases
Affected	0	43
At risk	N/A	N/A
Deaths	0	0

Source: CDC, DOH, NNMC

In a new tab, the user can view the "Past Advisories" list. The user is given the same options as "Active Advisories." By default, the system displays "Last Updated" within the time range of two weeks. The user closes the tab.



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PUBLIC HEALTH ADVISORY: OVERVIEW — VIEW MY PATIENTS

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Public Health Advisory ▾ *There are 4 active advisories.* Search Public Health Advisory

Overview

Case Report | Print | Export | Message | Time Range: 2w 1m 1y All Custom

Active Advisories (4) View Past Advisories | Sort by: Last Updated

Influenza A

Last Update — *May 2, 2012*

The percent of respiratory specimens testing positive for influenza has surpassed 10 %, a general marker...

	My Patients	Total Cases
Affected	13	10,108
At risk	35	N/A
Deaths	0	53

Source: CDC, DOH, NNMC

Escherichia Coli 0145

Last Update — *May 1, 2012*

Collaborative investigative efforts of state, local, and federal public health and regulatory agencies indicated...

	My Patients	Total Cases
Affected	9	95
At risk	17	N/A
Deaths	0	12

Source: CDC, DOH, NNMC

Heat Wave Advisory

Newly Added — *April 30, 2012*

Temperatures to approach or even surpass 110 degrees for the next several days onward with the cha...

	My Patients	Total Cases
Affected	7	N/A
At risk	104	N/A
Deaths	0	3

Source: CDC, DOH, NNMC

Salmonella Bareilly

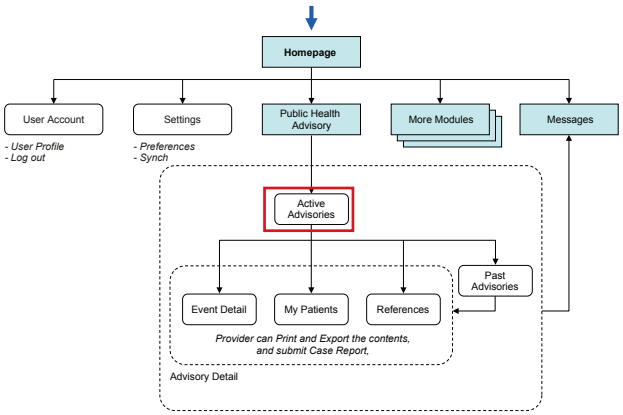
Last Update — *April 30, 2012*

A total of 425 persons infected with the outbreak strains of Salmonella Bareilly were reported from 28...

	My Patients	Total Cases
Affected	23	425
At risk	35	N/A
Deaths	0	0

Source: CDC, DOH, NNMC

From the overview screen, the user selects "My Patients" under the active advisory, "Influenza A."



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PUBLIC HEALTH ADVISORY: PATIENT SELECTION CRITERIA

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Public Health Advisory ▾ *There are 4 active advisories.* Search Public Health Advisory

Overview | My Patients: Influenza A

Case Report | Print | Export | Message

Event Detail
My Patients
References

My Patients — Influenza A View Patient Selection Criteria Show Patients: All

There are 23 patients affected; there are 35 patients at risk. (Last Updated: May 1, 2012)

Fred Anderson

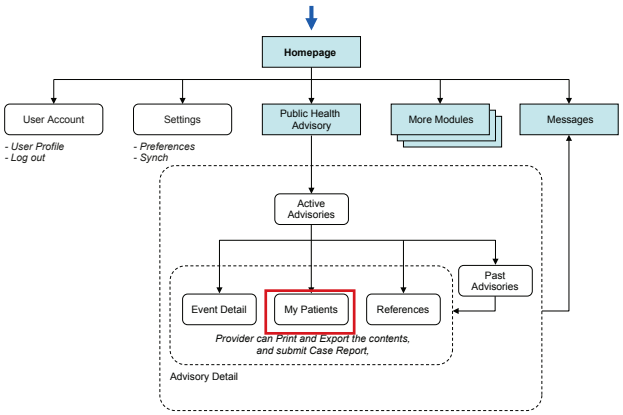
Status: Affected (Outpatient)
Listed Date: May 1, 2012
Updated: --

Relations: Anderson, Lisa

Recommendation: Rest

Status	Patients	DOB/Age	Updated	State	City
Affected	Anderson, Fred	10/03/1973 (39 yrs)	May 1, 2012	Washington D.C.	Washington D.C.
Affected	Arnolds, Richard	10/03/1973 (39 yrs)	May 1, 2012	Washington D.C.	Washington D.C.
Affected	Barret, John	10/03/1973 (39 yrs)	May 1, 2012	Virginia	Fairfax
Affected	Brick, Christina	10/03/1973 (39 yrs)	May 1, 2012	Washington D.C.	Washington D.C.
Affected	Burg, Andre	10/03/1973 (39 yrs)	May 1, 2012	Virginia	Fairfax
Affected	Colleen, Wallace	10/03/1973 (39 yrs)	May 1, 2012	Maryland	Bethesda
High Risk	Einstein, Ashley	10/03/1973 (39 yrs)	May 1, 2012	Virginia	Charlottesville
Routine Risk	Faust, Nicholas	10/03/1973 (39 yrs)	May 1, 2012	Maryland	Bethesda
Routine Risk	Frankenstein, John	10/03/1973 (39 yrs)	May 1, 2012	Maryland	Bethesda
Affected	Giovanni, Richard	10/03/1973 (39 yrs)	April 27, 2012	Maryland	Bethesda
Affected	Brooke, Michael	10/03/1973 (39 yrs)	April 27, 2012	Maryland	Bethesda
Affected	Cook, Adrian	10/03/1973 (39 yrs)	April 27, 2012	Washington D.C.	Washington D.C.
High Risk	Christopher, Robin	10/03/1973 (39 yrs)	April 27, 2012	Washington D.C.	Washington D.C.

Under the new tab, the user clicks on the "View Patient Selection Criteria" link.



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PUBLIC HEALTH ADVISORY: PATIENT SELECTION CRITERIA (CONTINUED)

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Public Health Advisory ▾ *There are 4 active advisories.* Search Public Health Advisory

Overview | My Patients: Influenza A

Case Report | Print | Export | Message

Event Detail
My Patients
References

My Patients — Influ
There are 23 patients

Show Patients: All

Fred Anderson

Recommendation:
Rest

Patient Selection Criteria

Name of Advisory: Influenza A
Initial Date: February 23, 2012
Source: CDC.gov

Age: 0–5 years
65+ years

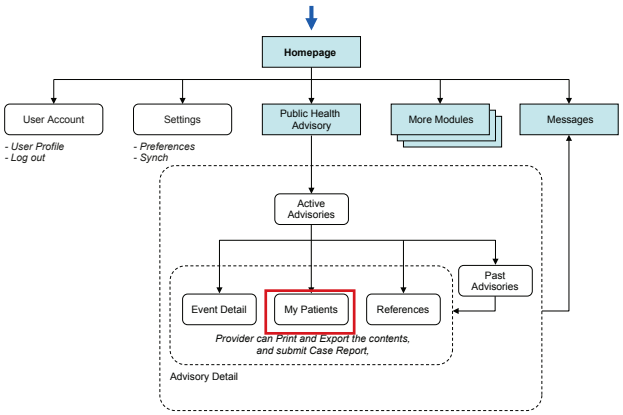
Location: 20810
20811
20813
20814
Show more (45)

Existing Conditions: Asthma
Obesity
Neurological conditions
Chronic lung disease
Heart disease
Show more (6)

Close

Status	Pa			ate	City
Affected	Ar			ashington D.C.	Washington D.C.
Affected	Ar			ashington D.C.	Washington D.C.
Affected	Ba			rginia	Fairfax
Affected	Br			ashington D.C.	Washington D.C.
Affected	Bu			rginia	Fairfax
Affected	Co			aryland	Bethesda
High Risk	Ei			rginia	Charlottesville
Routine Risk	Fa			aryland	Bethesda
Routine Risk	Fr			aryland	Bethesda
Affected	Giovanni, Richard	10/03/1973 (39 yrs)	April 27, 2012	Maryland	Bethesda
Affected	Brooke, Michael	10/03/1973 (39 yrs)	April 27, 2012	Maryland	Bethesda
Affected	Cook, Adrian	10/03/1973 (39 yrs)	April 27, 2012	Washington D.C.	Washington D.C.
High Risk	Christopher, Robin	10/03/1973 (39 yrs)	April 27, 2012	Washington D.C.	Washington D.C.

A pop up window appears showing the list of "Patient Selection Criteria." The user can see how patients' risk level is determined between "High Risk" and "Routine Risk." The list shows up to five factors by default. The user can select "Show more" to view the full list.



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PUBLIC HEALTH ADVISORY: PATIENT SELECTION CRITERIA (CONTINUED)

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Public Health Advisory ▾ *There are 4 active advisories.* Search Public Health Advisory

Overview | My Patients: Influenza A

Case Report | Print | Export | Message

Event Detail
My Patients
References

My Patients — Influ
There are 23 patients

Show Patients: All

Fred Anderson

Recommendation:
Rest

Patient Selection Criteria

Name of Advisory: Influenza A
Initial Date: February 23, 2012
Source: CDC.gov

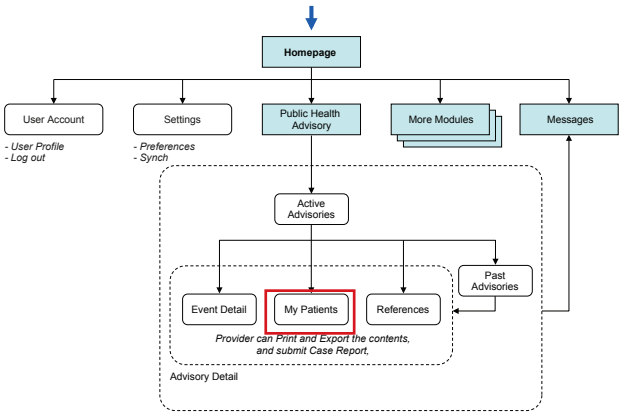
Location:
20810
20811
20813
20814
Show more (45)

Existing Conditions:
Asthma
Obesity
Neurological conditions
Chronic lung disease
Heart disease
Blood disorders
Kidney disorders
Liver disorders
Metabolic disorders
Weakened immune system
Morbid obesity (BMI over 42)
Show less

Close

Status	Pa			ate	City
Affected	Ar			ashington D.C.	Washington D.C.
Affected	Ar			ashington D.C.	Washington D.C.
Affected	Ba			rginia	Fairfax
Affected	Br			ashington D.C.	Washington D.C.
Affected	Bu			rginia	Fairfax
Affected	Co			aryland	Bethesda
High Risk	Ei			rginia	Charlottesville
Routine Risk	Fa			aryland	Bethesda
Routine Risk	Fr			aryland	Bethesda
Affected	Giovanni, Richard	10/03/1973 (39 yrs)	April 27, 2012	Maryland	Bethesda
Affected	Brooke, Michael	10/03/1973 (39 yrs)	April 27, 2012	Maryland	Bethesda
Affected	Cook, Adrian	10/03/1973 (39 yrs)	April 27, 2012	Washington D.C.	Washington D.C.
High Risk	Christopher, Robin	10/03/1973 (39 yrs)	April 27, 2012	Washington D.C.	Washington D.C.

Upon selection, the list expands. The user can select "Show less" to shrink the list. The user clicks on the "Close" button.



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PUBLIC HEALTH MANAGEMENT: MESSAGE

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Public Health Advisory ▾ *There are 4 active advisories.* Search Public Health Advisory

Overview | My Patients: Influenza A

Case Report | Print | Export | Message

Event Detail
My Patients
References

My Patients — Influenza A View Patient Selection Criteria

Show Patients: All

There are 23 patients affected; there are 35 patients at risk. (Last Updated: May 1, 2012)

Fred Anderson

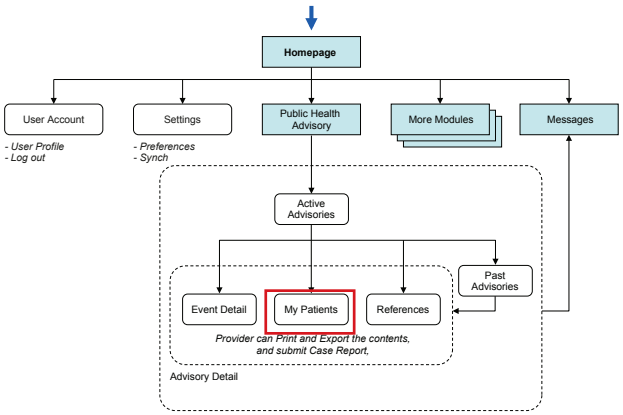
Status: Affected (Outpatient)
Listed Date: May 1, 2012
Updated: --

Relations: Anderson, Lisa

Recommendation: Rest

Status	Patients	DOB/Age	Updated	State	City
Affected	Anderson, Fred	10/03/1973 (39 yrs)	May 1, 2012	Washington D.C.	Washington D.C.
Affected	Arnolds, Richard	10/03/1973 (39 yrs)	May 1, 2012	Washington D.C.	Washington D.C.
Affected	Barret, John	10/03/1973 (39 yrs)	May 1, 2012	Virginia	Fairfax
Affected	Brick, Christina	10/03/1973 (39 yrs)	May 1, 2012	Washington D.C.	Washington D.C.
Affected	Burg, Andre	10/03/1973 (39 yrs)	May 1, 2012	Virginia	Fairfax
Affected	Colleen, Wallace	10/03/1973 (39 yrs)	May 1, 2012	Maryland	Bethesda
High Risk	Einstein, Ashley	10/03/1973 (39 yrs)	May 1, 2012	Virginia	Charlottesville
Routine Risk	Faust, Nicholas	10/03/1973 (39 yrs)	May 1, 2012	Maryland	Bethesda
Routine Risk	Frankenstein, John	10/03/1973 (39 yrs)	May 1, 2012	Maryland	Bethesda
Affected	Giovanni, Richard	10/03/1973 (39 yrs)	April 27, 2012	Maryland	Bethesda
Affected	Brooke, Michael	10/03/1973 (39 yrs)	April 27, 2012	Maryland	Bethesda
Affected	Cook, Adrian	10/03/1973 (39 yrs)	April 27, 2012	Washington D.C.	Washington D.C.
High Risk	Christopher, Robin	10/03/1973 (39 yrs)	April 27, 2012	Washington D.C.	Washington D.C.

The user clicks on the "Message" button.



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PUBLIC HEALTH MANAGEMENT: MESSAGE (CONTINUED)

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Public Health Advisory ▾ *There are 4 active advisories.* Search Public Health Advisory

Overview | My Patients: Influenza A

Case Report | Print | Export | Message

Event Detail
My Patients
References

My Patients — Influenza A View Patient Selection Criteria

Show Patients: All

There are 23 patients affected; there are 35 patients at risk. (Last Updated: May 1, 2012)

Fred Anderson

Status:
Listed Date:
Updated:

Recommendation: Rest

Message

Advisory: Influenza A

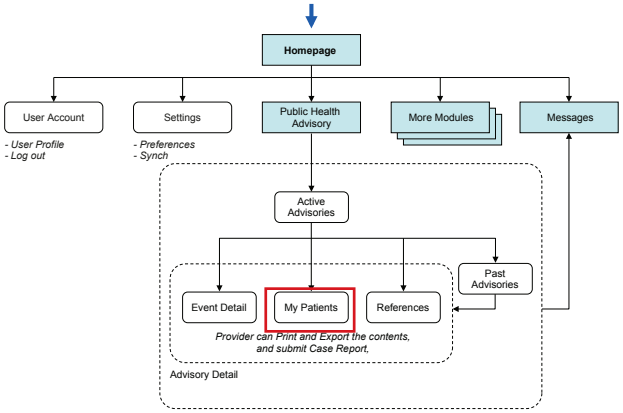
Recipient:
- (●) All patients
- ( ) Affected patients
- ( ) At risk patients
- ( ) Selected patients

Insert:
- [ ] Symptoms
- [ ] Prevention and Treatments
- [ ] Progression (location/timeline)

Go to Messages | Cancel

Status	Patients			tate	City
Affected	Anderso			Washington D.C.	Washington D.C.
Affected	Arnolds,			Washington D.C.	Washington D.C.
Affected	Barret, Jo			Virginia	Fairfax
Affected	Brick, Ch			Washington D.C.	Washington D.C.
Affected	Burg, An			Virginia	Fairfax
Affected	Colleen,			Maryland	Bethesda
High Risk	Einstein,			Virginia	Charlottesville
Routine Risk	Faust, Ni			Maryland	Bethesda
Routine Risk	Frankenstein, John	10/03/1973 (39 yrs)	May 1, 2012	Maryland	Bethesda
Affected	Giovanni, Richard	10/03/1973 (39 yrs)	April 27, 2012	Maryland	Bethesda
Affected	Brooke, Michael	10/03/1973 (39 yrs)	April 27, 2012	Maryland	Bethesda
Affected	Cook, Adrian	10/03/1973 (39 yrs)	April 27, 2012	Washington D.C.	Washington D.C.
High Risk	Christopher, Robin	10/03/1973 (39 yrs)	April 27, 2012	Washington D.C.	Washington D.C.

A pop up window appears offering options to include in the message. The advisory "Influenza A" is preselected.



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PUBLIC HEALTH MANAGEMENT: MESSAGE (CONTINUED)

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Public Health Advisory ▾ *There are 4 active advisories.* Search Public Health Advisory

Overview | My Patients: Influenza A

Case Report | Print | Export | Message

Event Detail
My Patients
References

My Patients — Influenza A View Patient Selection Criteria Show Patients: All

There are 23 patients affected; there are 35 patients at risk. (Last Updated: May 1, 2012)

Fred Anderson
Status:
Listed Date:
Updated:
Recommendation: Rest

Message

Advisory: Influenza A

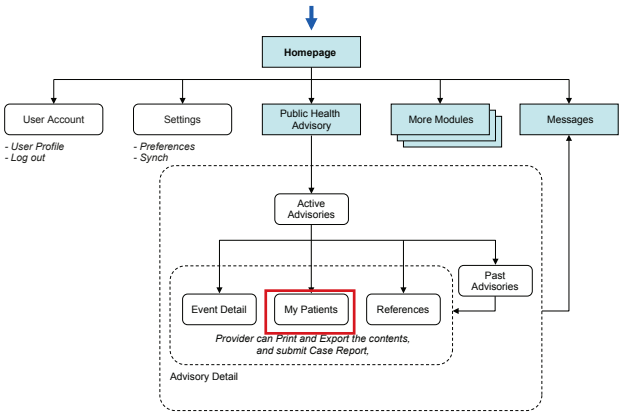
Recipient: (•) All patients ( ) Affected patients ( ) At risk patients ( ) Selected patients

Insert: [x] Symptoms [x] Prevention and Treatments [x] Progression (location/timeline)

Go to Messages | Cancel

Status	Patients			tate	City
Affected	Anderso			Washington D.C.	Washington D.C.
Affected	Arnolds,			Washington D.C.	Washington D.C.
Affected	Barret, Jo			Virginia	Fairfax
Affected	Brick, Ch			Washington D.C.	Washington D.C.
Affected	Burg, An			Virginia	Fairfax
Affected	Colleen,			Maryland	Bethesda
High Risk	Einstein,			Virginia	Charlottesville
Routine Risk	Faust, Ni			Maryland	Bethesda
Routine Risk	Frankenstein, John	10/03/1973 (39 yrs)	May 1, 2012	Maryland	Bethesda
Affected	Giovanni, Richard	10/03/1973 (39 yrs)	April 27, 2012	Maryland	Bethesda
Affected	Brooke, Michael	10/03/1973 (39 yrs)	April 27, 2012	Maryland	Bethesda
Affected	Cook, Adrian	10/03/1973 (39 yrs)	April 27, 2012	Washington D.C.	Washington D.C.
High Risk	Christopher, Robin	10/03/1973 (39 yrs)	April 27, 2012	Washington D.C.	Washington D.C.

The user keeps the Recipient as "All patients" and chooses to include "Symptoms," "Prevention and Treatments," and "Progression (location/timeline)" in the message. The user clicks on the "Go to Messages" button.



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PUBLIC HEALTH MANAGEMENT: MESSAGE (CONTINUED)

Healthboard | Isaac Goodman | Michael Robinson | Available | Dr. Gregory Berg | Settings | Logout

Messages ▾ *You have no new messages.* Search Messages

MAILBOXES
- Inbox
- Drafts
- Sent
- Trash

Inbox | New message | +

Send | Save Draft | Cancel

Subject:
Attention: All Patients affected by Influenza A

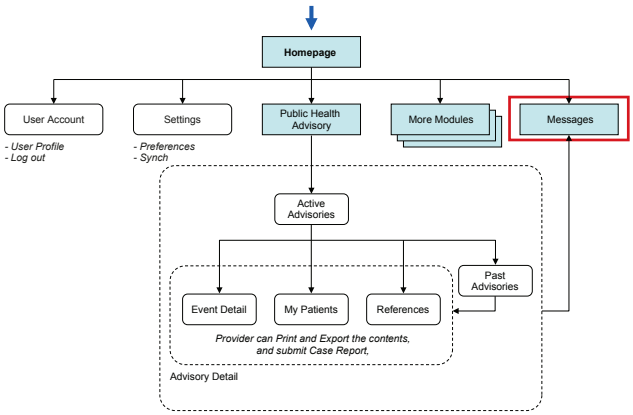
To:
23 Affected patients and 35 At risk patients

If you are receiving this email, please be aware of the following conditions from: Influenza A

Symptoms could include:
Sore throat, Fever, Muscle/ body aches, Headache, Runny/stuffy nose, Fatigue (tiredness)

Add attachment | Very Urgent | Send | Save | Cancel

Upon selection, the user is brought to the *Messages* module. A new message draft is filled out according to the information from the popup window. The user can review the information before sending.



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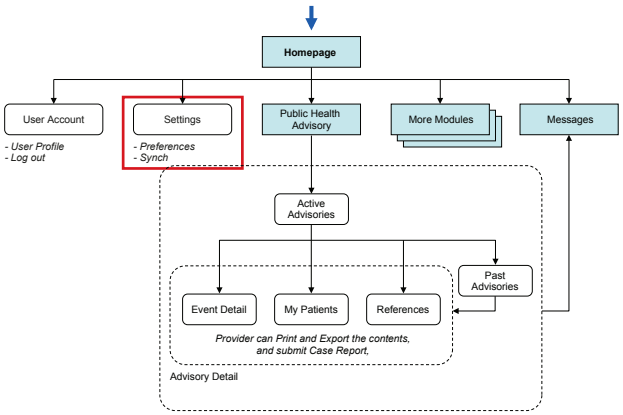
PUBLIC HEALTH MANAGEMENT: SET PREFERENCES

Under "Notifications" within "Set Preferences," the user can choose what type of advisories to display by selecting "Display newly added advisories" and/or "Display updated active advisories."



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IV. DESIGN REVISIONS

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Design Revisions

INTRODUCTION This section of the Detailed GUI Volume documents the design revisions made to the Healthboard GUI. The Usability Team of Parsons Institute for Information Mapping (PIIM) conducted formal usability tests on the interactive prototype of Healthboard. As a result, the team identified problems/issues and made recommendations for changes (see *Assessment Volume* for details). This section includes revised GUI elements and user workflow made to various modules and components within the Patient Portal.

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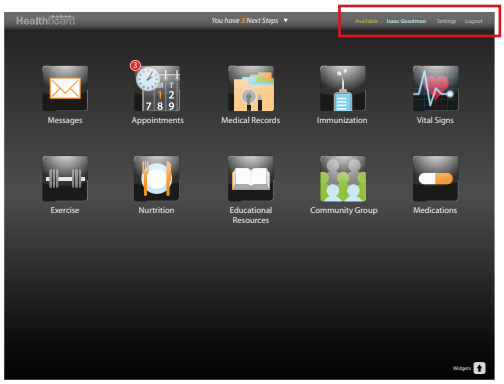
TOP MENU BAR

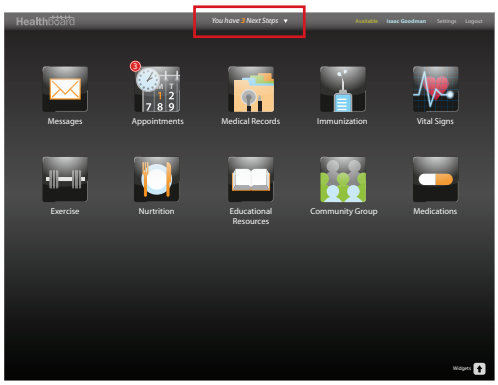


New

Previous

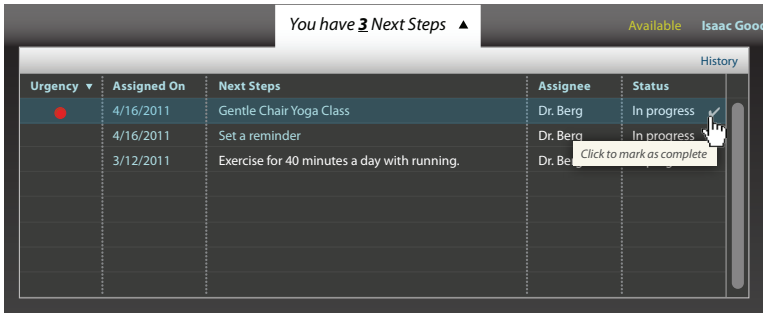
During the usability tests, some testers were unable to recognize the gear icon as the "Settings" menu. Testers would navigate from module to module in search of it. To solve this issue, the drop down menu icon next to user name, Help, and gear menu icon have been removed from the top menu bar, and replaced by Settings and Logout options. *Design Edits Reference Number: 05*

PATIENT'S NEXT STEPS



New

New



A section solely for patient's next steps, located at the top (similar to *Health Focus* in the *Provider Portal*) is added. This provides the patient an easy access to medical recommendations made by the provider. The section includes a link to the associated visit. Items like "go to diet workshop" can be marked as "Complete," for "quit smoking (endless items)," add a link to tracker in *Vital Signs*. (See detailed interaction descriptions in *Homepage* section.) *Design Edits Reference Number: 04*

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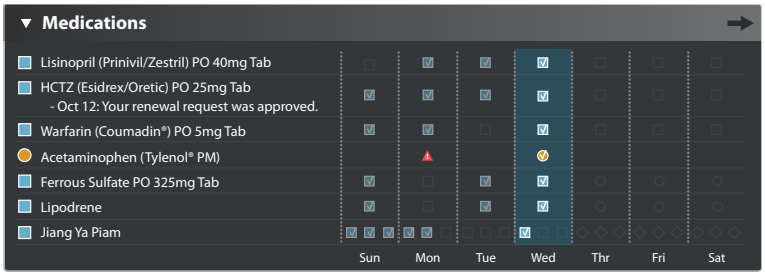
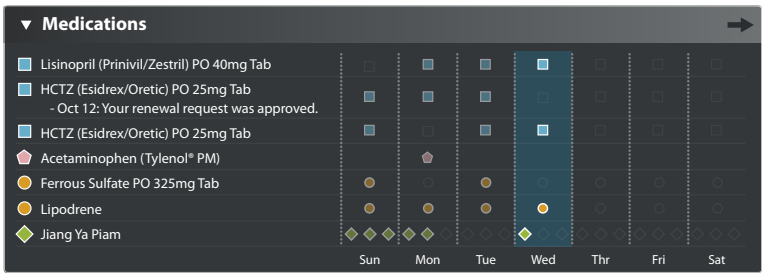
MEDICATIONS: RECORD INTAKE BUTTON

New

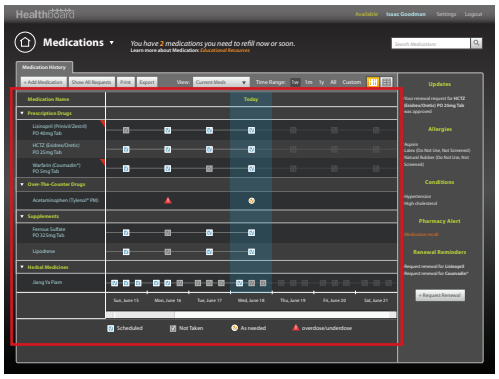


Previous

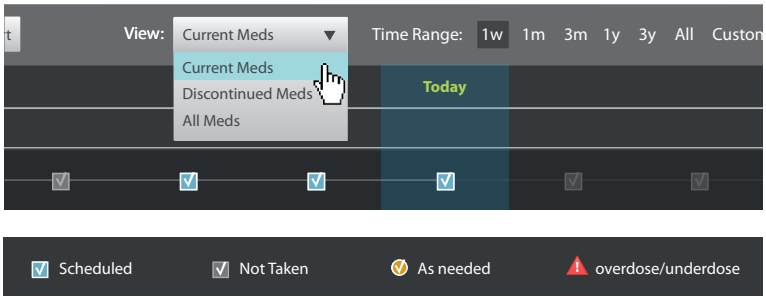


The *Medications* widget is updated to reflect changes in the display. See the section below for details. *Design Edits Reference Number: N/A*

IMMUNIZATIONS: TIMELINE



New



The view options now have "Current Meds (default)," "Discountinued Meds," and "All Meds." The medication icons are replaced by check boxes to indicate that they are clickable, and encourage the patients to record intake. *Design Edits Reference Number: 07, 08, 09*

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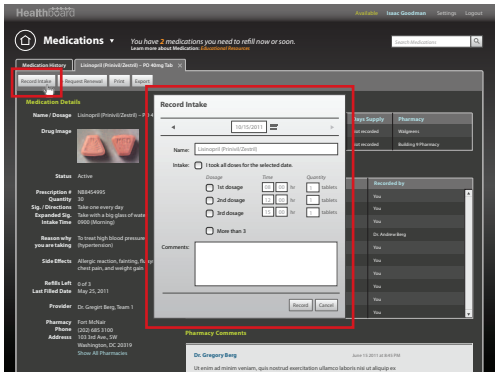
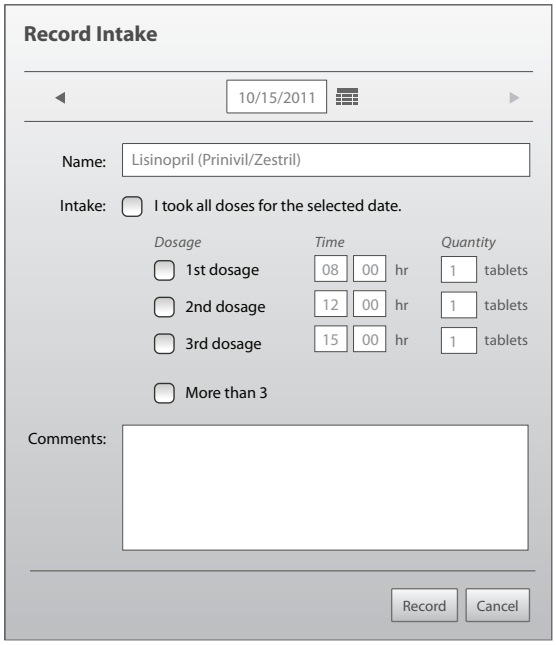
MEDICATIONS: RECORD INTAKE

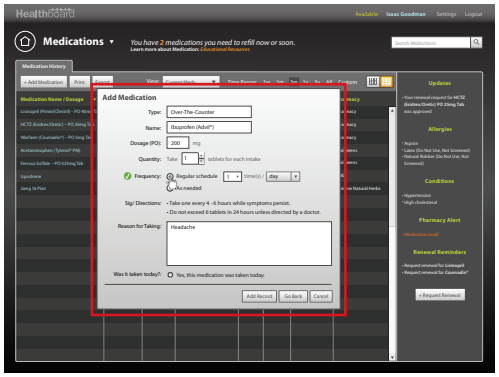


New

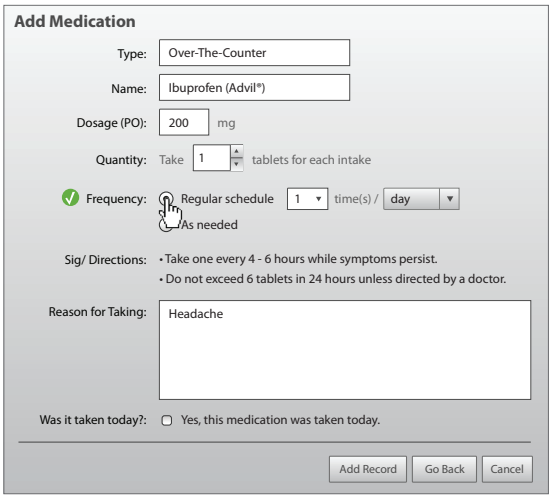


A revised "Record Intake" window offers the user to select a day from calendar. In previous design the user can only record intake for the day. (See detailed interaction descriptions in *Medication* section.) *Design Edits Reference Number: 06*

MEDICATIONS: ADD MEDICATION



New



In the revised "Add Medication" window, intake schedule and "As Needed" options are more prominent in Frequency. In addition, the first intake will be automatically recorded when a new medication is added. *Design Edits Reference Number: 01, 02*

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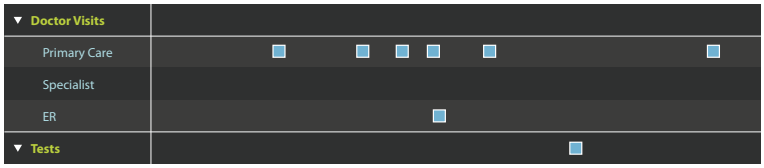
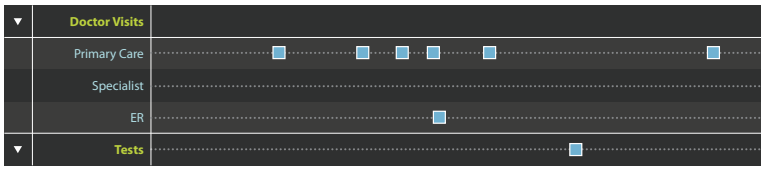
MEDICAL RECORDS: TIMELINE

New

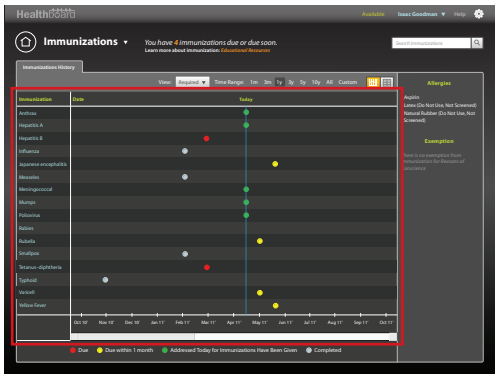


Previous

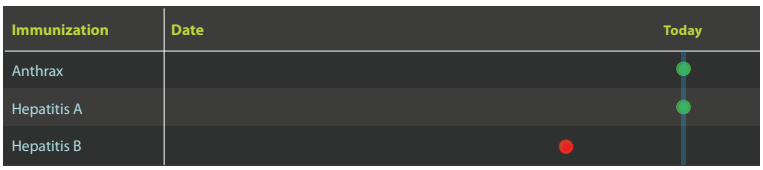


The new timeline does not have dotted line to connect immunization names and icons. This removes extra elements that makes the screen busy. *Design Edits Reference Number: N/A*

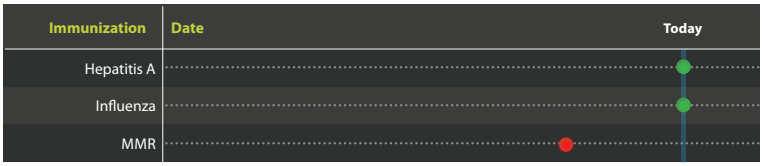
IMMUNIZATIONS: TIMELINE



New



Previous



The new timeline does not have dotted line to connect immunization names and icons. This removes extra elements that makes the screen busy. *Design Edits Reference Number: N/A*

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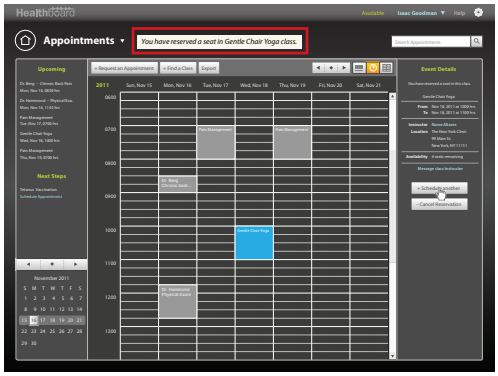
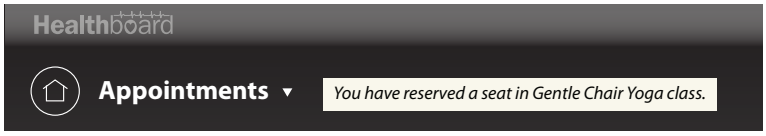
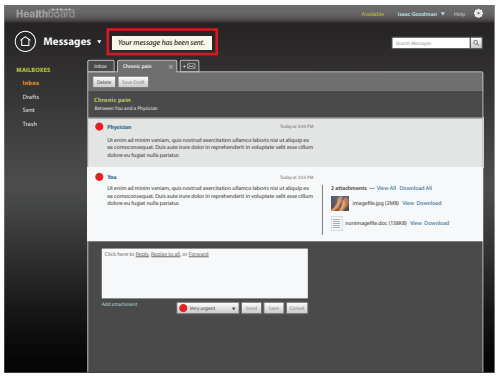
CONFIRMATION MESSAGES

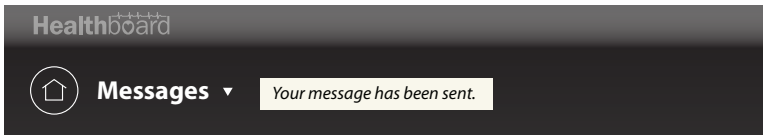


New





New



Confirmation messages are applied to all applicable modules within *Healthboard*; each message appears and fades out automatically upon user actions. *Design Edits Reference number: 10, 11, 16*

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V. APPENDIX

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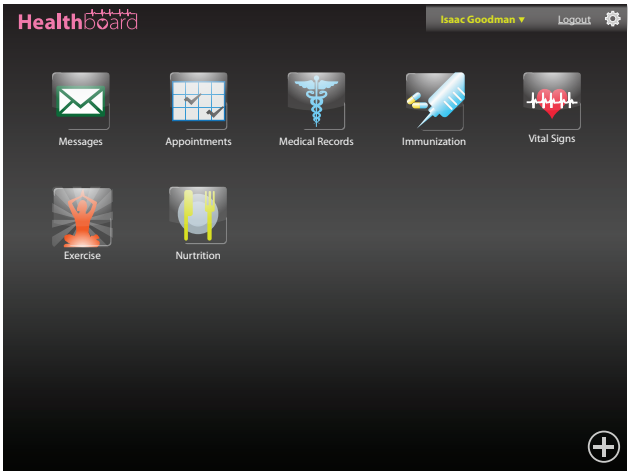
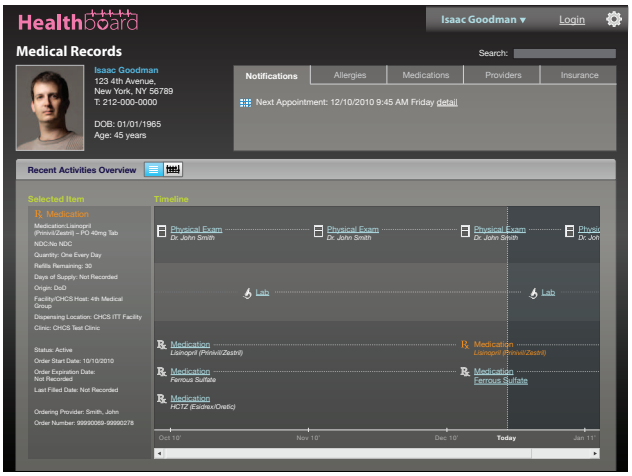
Patient Portal GUI — Groundwork

INTRODUCTION The Patient Portal being designed and prototyped in this program is geared for patients within a PCMH to complement (or serve as) a primary Patient Health Record (PHR). The functionalities within this portal provide patients with a high-level understanding of their health status, access to their health record information, resources to support patient-driven care, and access to their healthcare providers and facility. The Patient Portal provides a user-configurable GUI along with configurable widgets and underlying functionalities.





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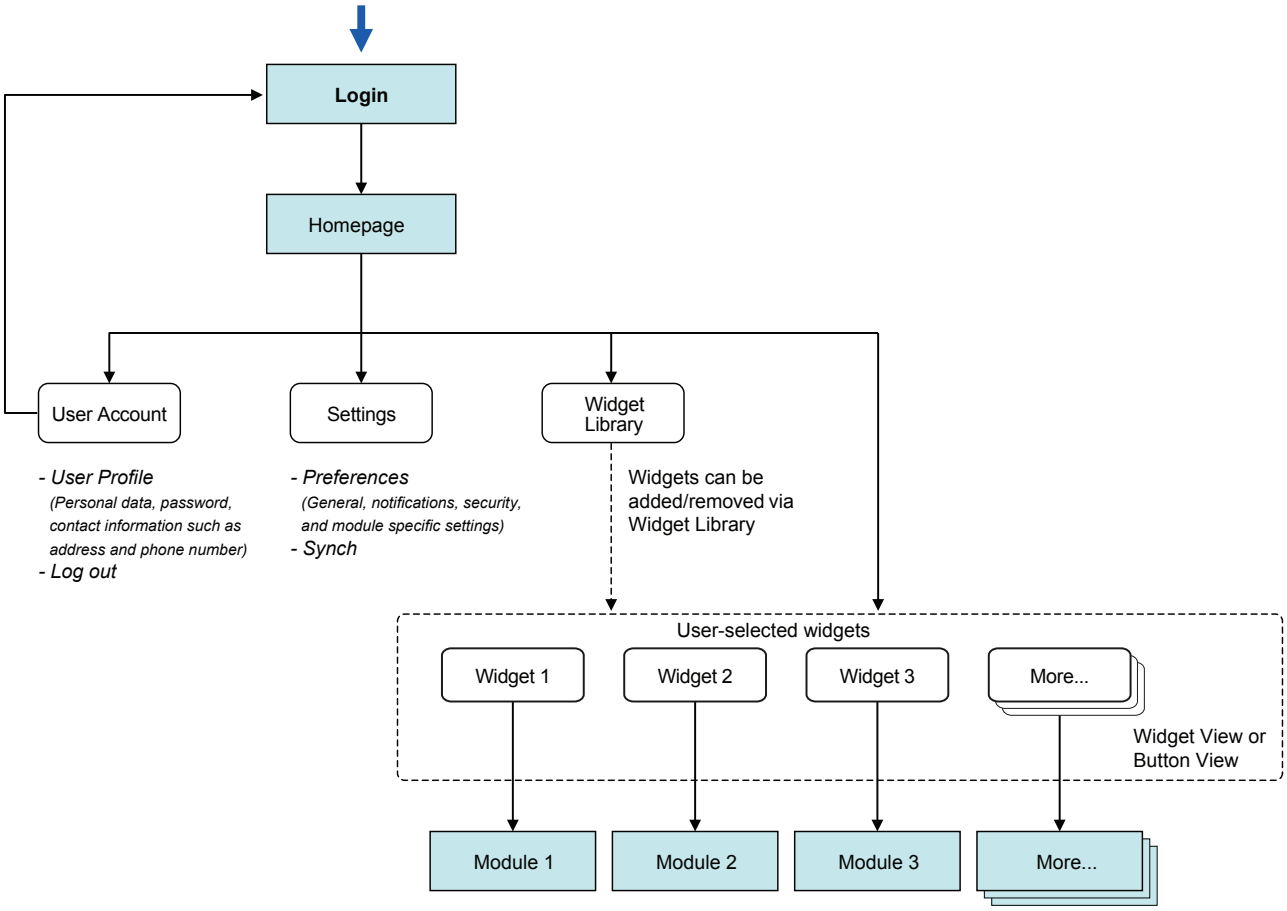
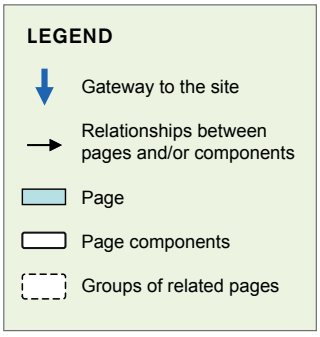
FLOWCHART FOR USER PREFERENCES MODULE





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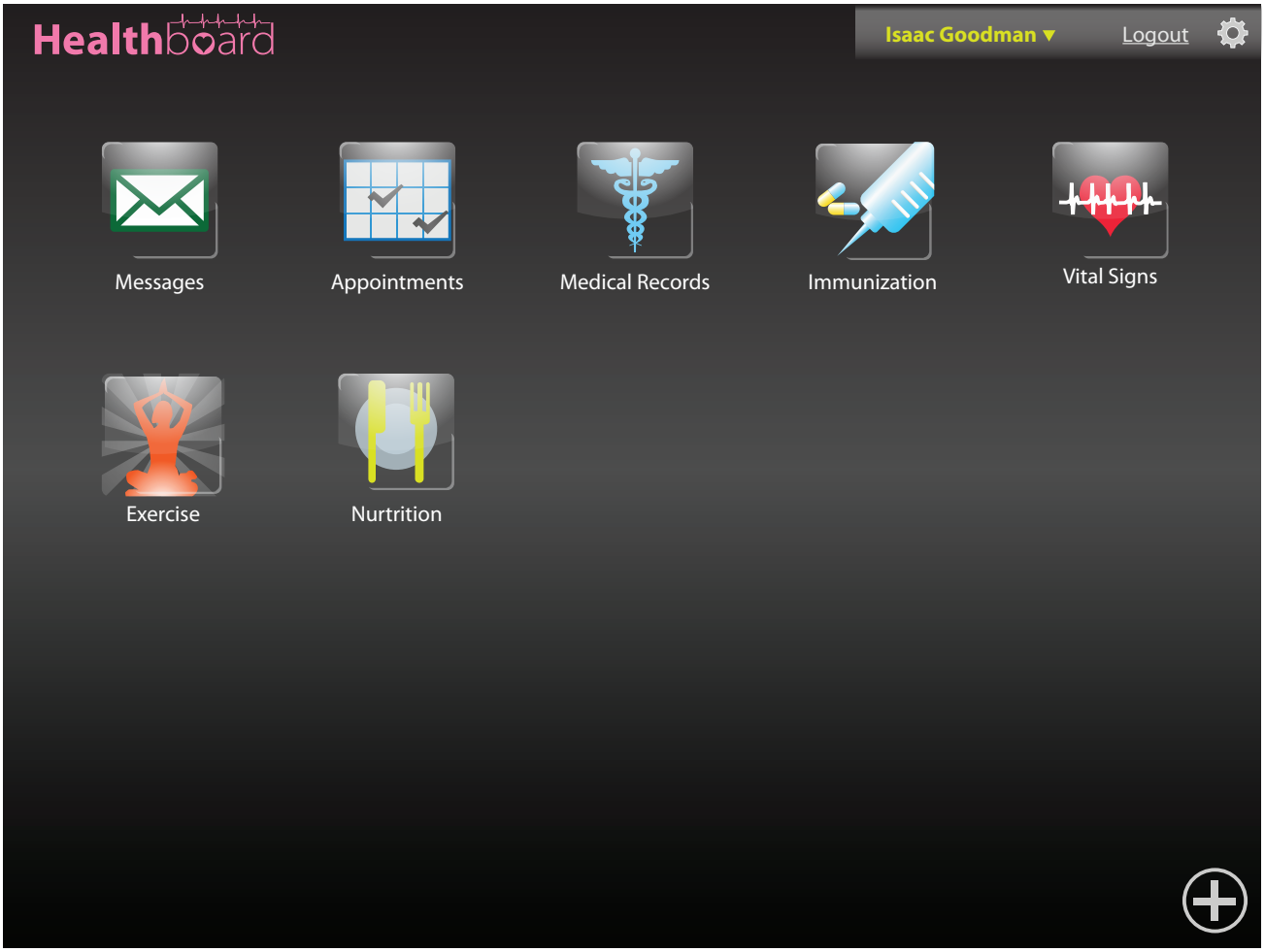
HOMEPAGE OPTION #1, WIDGET BUTTON VIEW



From this view (along with all other views) the user can view all available widgets by clicking on the "+" icon at the lower right and can customize the appearance and content of individual widgets through the gear icon at the top right. The user can also logout or update his/her information at any time via items at the top right of the screen.

FIGURE 1: *The Patient Portal "Homepage" provides a single view for users to access all widgets they have chosen to include in their customized version of the portal. This GUI is designed to provide both an iPad/iPhone "button" type display (allowing navigation to individual widgets) or can be customized to show summary information within each widget.*

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HOMEPAGE OPTION #2, WIDGET SUMMARY VIEW

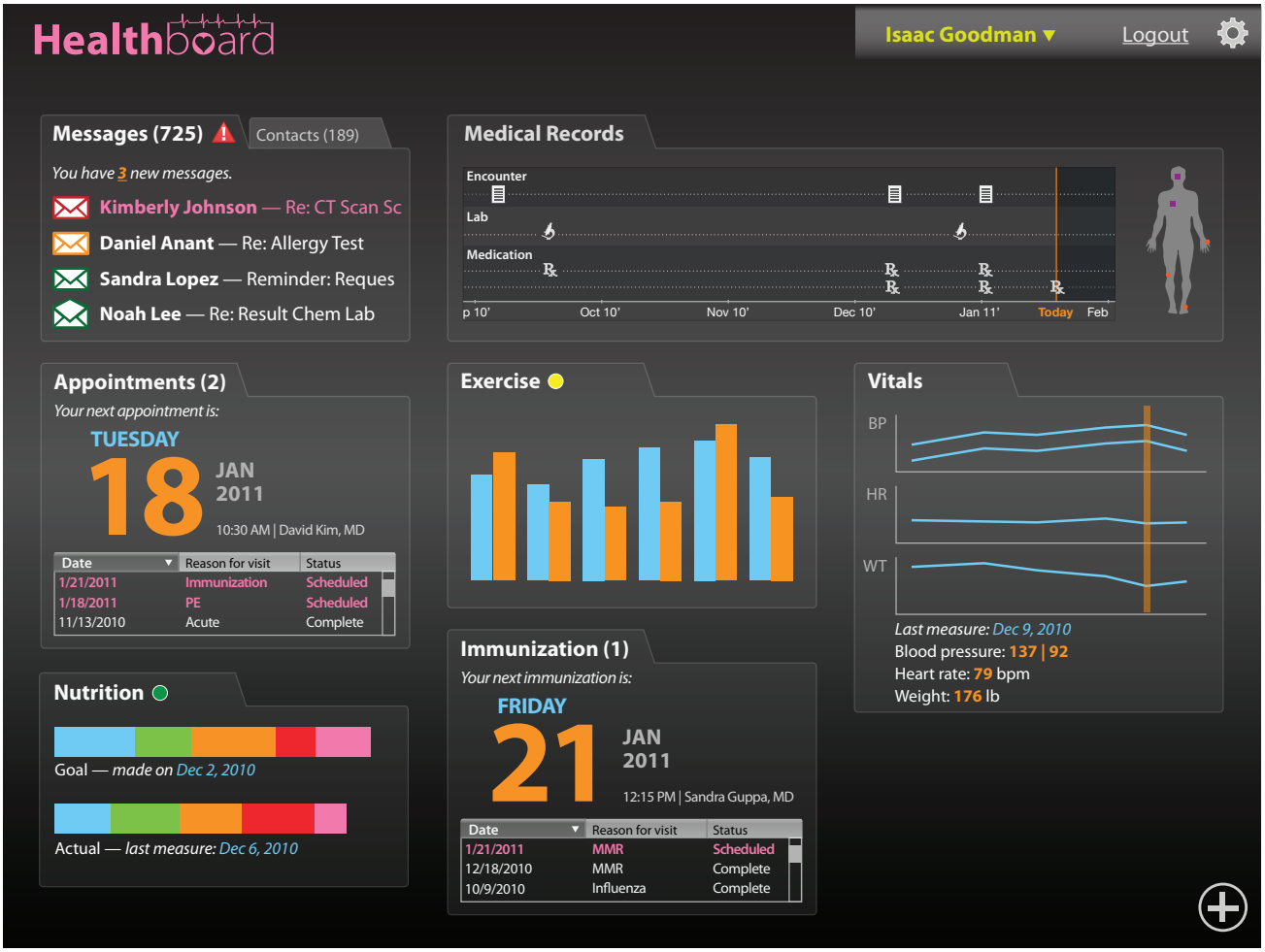

FIGURE 2: *This screen shows a potential user configuration of the Patient Portal. In this example, the patient has selected multiple widgets to appear in their portal using the "summary" view for each widget (whereas figure 1 showed the "button" view). This example is intended to provide our initial, high-level concept of the look-and-feel and layout of these widgets. In future GUI iterations of this project the design, layout, and configuration options will be refined and tested.*

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SETTINGS

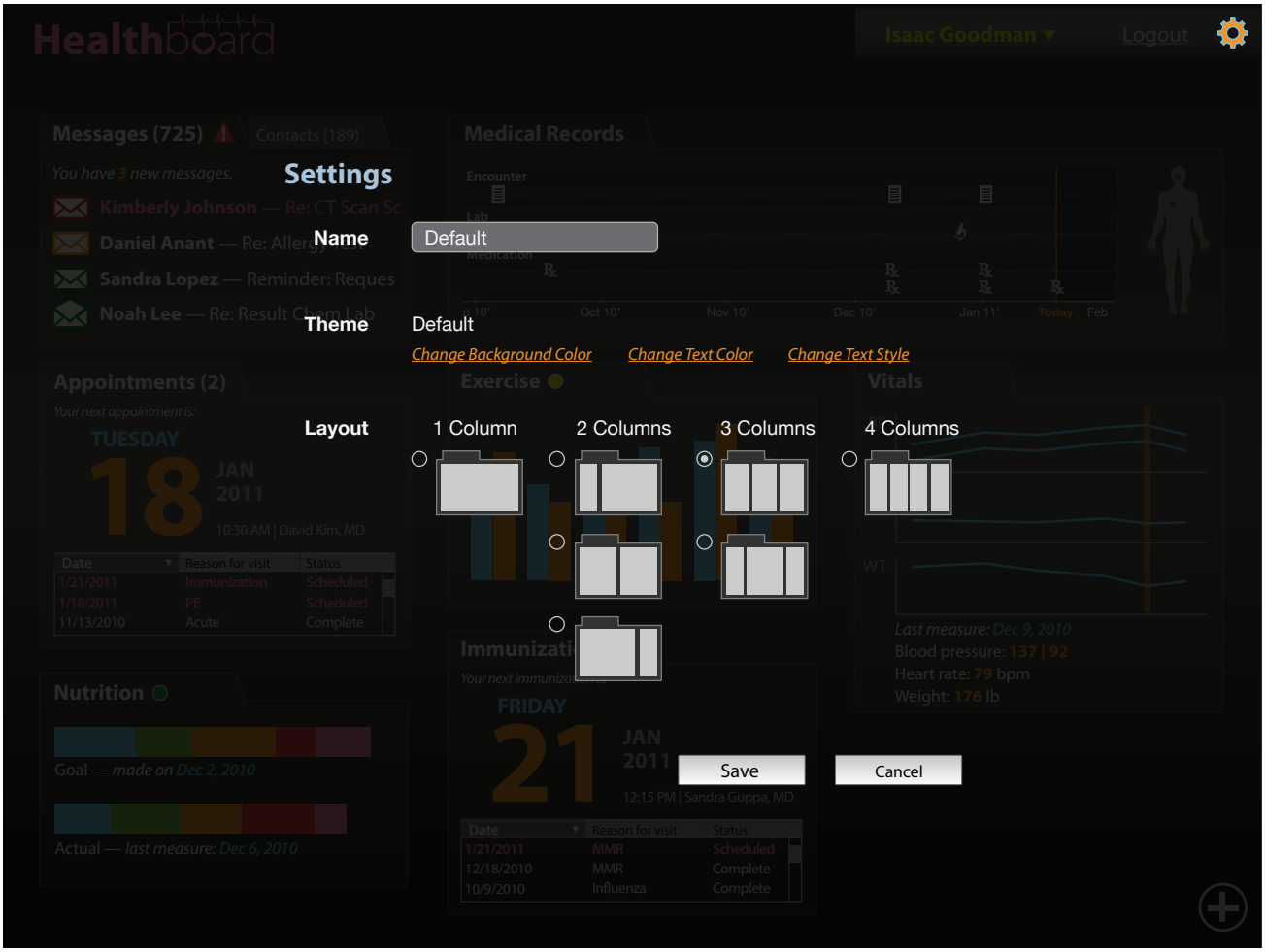

FIGURE 3: *This screen shows the user configuration component within the Patient Portal. This component allows the user to customize the layout and appearance of the widgets and portal. Similar functionality will be present in the Provider and Administrator portals.*

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THE WIDGET TOOLBAR

FIGURE 4: *This screen provides an example of the Widget Library located at the bottom of the* GUI. *This feature allows the user to access all available widgets and to add any combination of widgets into the user-customized* GUI. *This feature will be available in both the Provider and Administrator portals.*

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MEDICAL RECORDS, WIDGET DETAIL VIEW (TEXT-BASED PRESENTATION)

Healthboard

Isaac Goodman ▼ Login

Medical Records

Search:

Isaac Goodman
123 4th Avenue,
New York, NY 56789
T: 212-000-0000

DOB: 01/01/1965
Age: 45 years

Notifications | Allergies | Medications | Providers | Insurance

Next Appointment: 12/10/2010 9:45 AM Friday detail

Recent Activities Overview

Last 5 Cases and Visits (Show All)

Date of Service ▼	Chief Complaint	Provider	Progress	Location
12/032010 9:45 AM - 10:00 AM Fri	CT Scan	Doshi Diagnostic	Pending	New York, NY
12/01/2010 9:45 AM - 10:00 AM Wed	Physical Exam	Dr. John Smith	Complete	New York, NY
1/30/2010 11:30 AM - 12:00 PM Tue	Dentist	Rishi Sharma, DDS	Complete	New York, NY
10/10/2010 10:45 AM - 11:00 AM Wed	Physical Exam	Dr. John Smith	Complete	New York, NY
08/02/2010 9:00 AM - 9:30 AM Mon	Physical Exam	Dr. John Smith	Complete	New York, NY

Patient's Recent and Upcoming Health Alerts

Health Alert	Status

Patient's Future Appointments

Date of Service ▼	Chief Complaint	Provider	Location
12/10/2010 9:45 AM Fri	Physical Exam	Dr. John Smith	New York, NY
12/14/2010 10:00 AM Tue	Physical Exam	Dr. John Smith	New York, NY
12/20/2010 10:00 AM Mon	Dentist	Rishi Sharma, DDS	New York, NY
01/05/2011 9:30 AM Wed	Physical Exam	Dr. John Smith	New York, NY

FIGURE 5: *In this view, the patient has chosen to see a specific widget in a "detail" view where individual records relevant to that widget are displayed. In this type of view, the user can find low-level information accessible directly from the portal or can link into other applications/systems that provide this information. This "detail" view is shown as a "text-based" display and records are visualized using alphanumeric characters.*

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MEDICAL RECORDS, WIDGET DETAIL VIEW (GRAPH-BASED PRESENTATION)

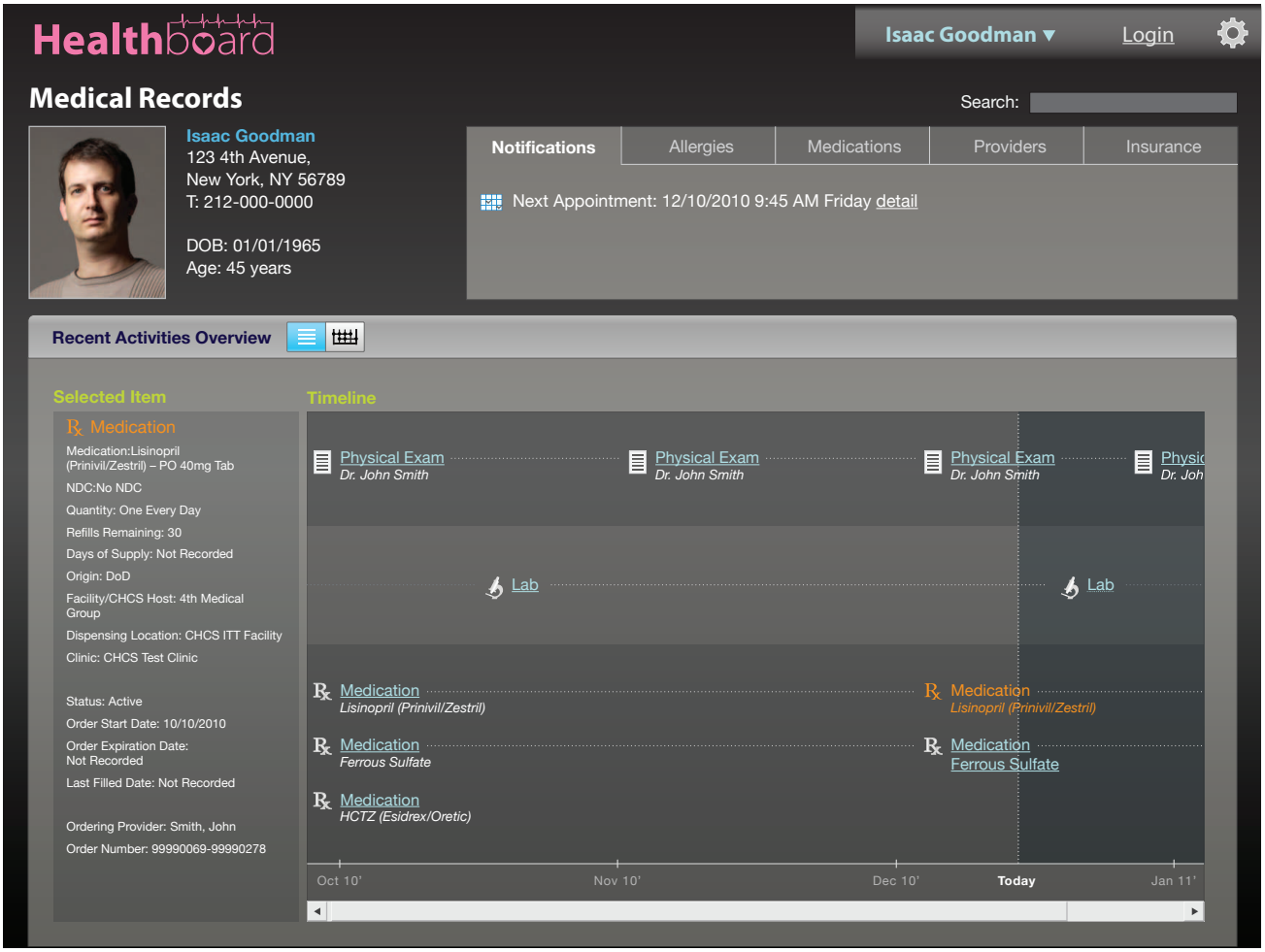

FIGURE 6: *This view shows the same "detail" view as figure 5 but with a "graph-based" visualization scheme instead of a "text-based" scheme. This example shows the same information/content as shown in figure 5 but in a different type of display and navigation capability.*

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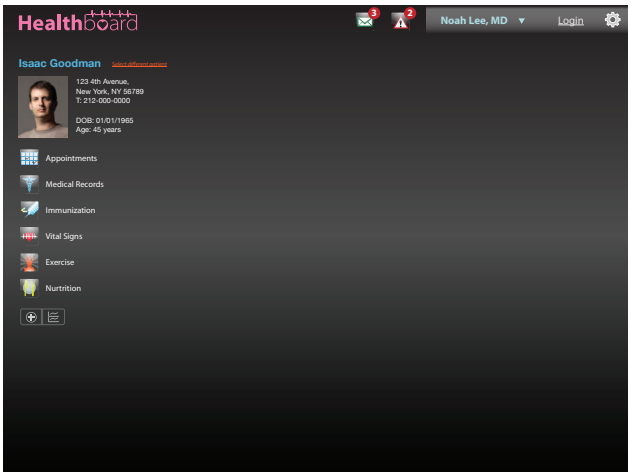
Provider Portal GUI — Groundwork & Style Guide

INTRODUCTION The Provider Portal is designed and prototyped for healthcare providers within a PCMH. This portal supports features and functionalities enabling individual provider (e.g. one provider) care as well as team-based care (e.g. multiple providers). The functionalities within this portal provide access to most functionalities within the Patient Portal (so providers can review patient entries) along with additional access to detailed medical records, team-based collaboration, appointment/check-ins, and communication/messaging tools. The Provider Portal supports a user-configurable GUI along with configurable widgets and underlying functionalities.



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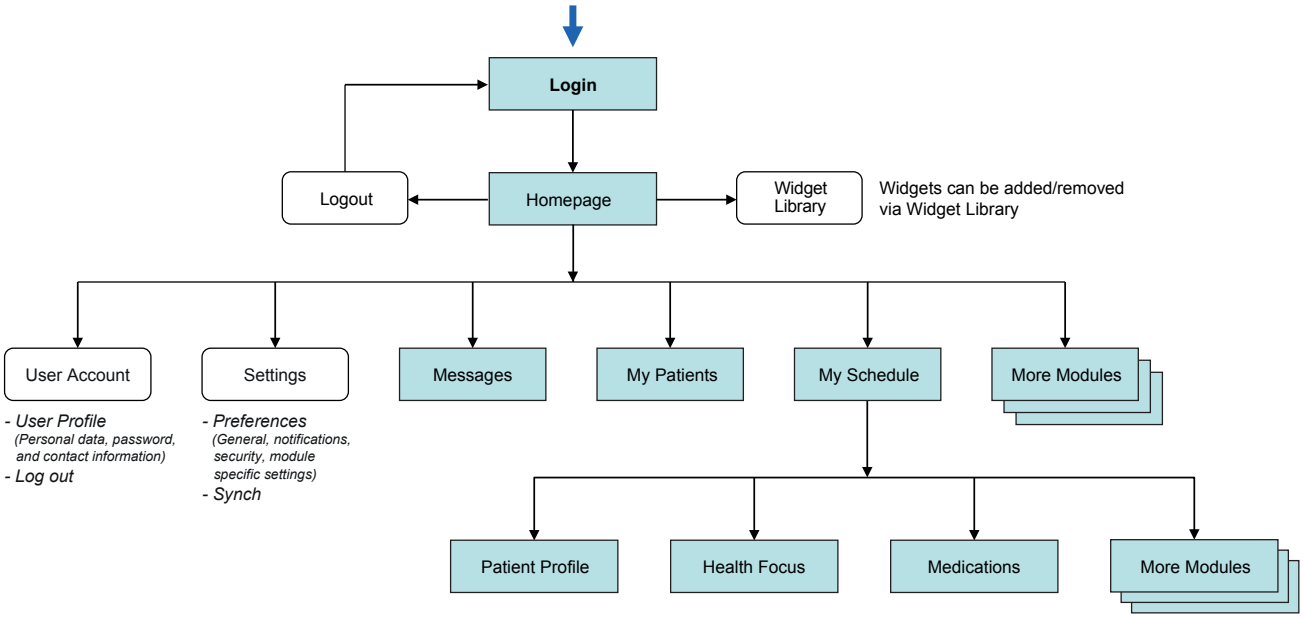
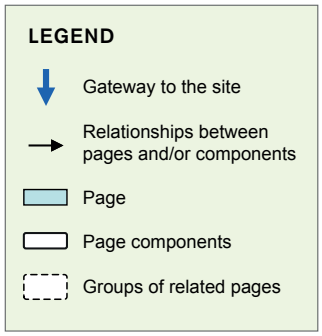
FLOWCHART FOR HEALTHCARE PROVIDER'S USER INTERFACE





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HOMEPAGE

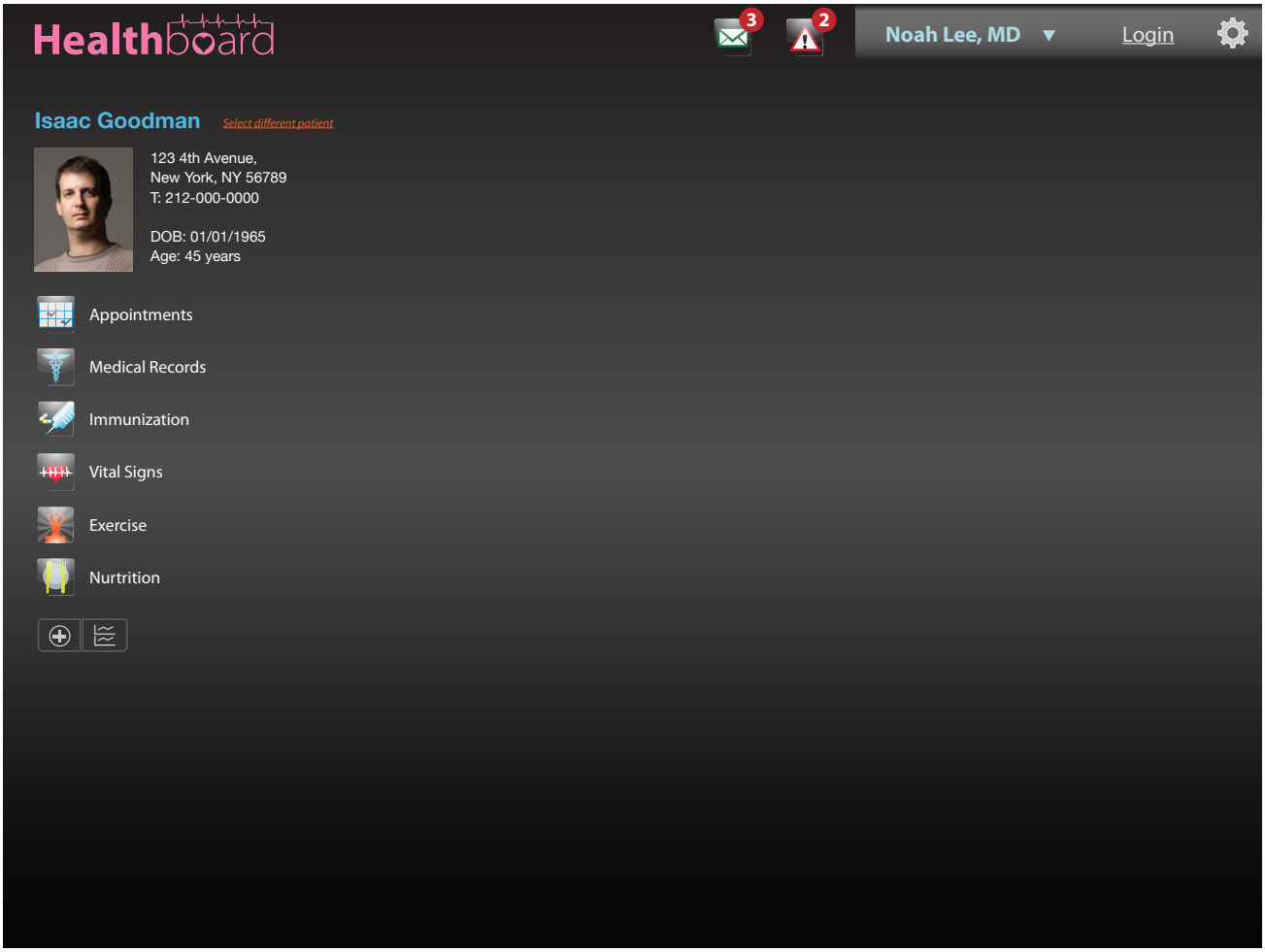

FIGURE 7: *The Provider Portal allows healthcare team members the ability to select widgets to be displayed within the Portal and also allows them to customize the look-and-feel of their portal and the widgets inside. This example shows a potential screen when a provider has selected an individual patient and is bringing up that patient's health information. As shown, the provider has immediate access to user-configuration features and can view authoritative EHR information as well as information provided by the patient in his Patient Portal.*

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VITAL SIGNS, WIDGET DETAIL VIEW (GRAPH PRESENTATION)

FIGURE 8: *In this example the healthcare provider has chosen to view the Vital Signs of a particular patient. The graph that depicts this patient's vitals shows both provider-entered and patient-entered data (as the Patient Portal provides the capability for each patient to enter his/her own vital sign measurements). The "Vital Signs Widget" in this view is displaying measurements in a graphical form but text-based display may also be chosen to provide a different visualization of the same data.*

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