# Utility\_v1.1.0\_Requirements Traceability Matrix (RTM)

|  |
| --- |
|  |
| **rtm-requirment document** | **Key** | **Summary** | **Description** | **rtm-testable** | **rtm-test id** | **rtm-test name** | **rtm-pass/fail** |
| JIRA | [VARUT-3](https://DNS/browse/VARUT-3) | [Utility - Connectivity Error Handling](https://DNS/browse/VARUT-3) | As a user I want to be aware if the app is unable to communicate to the database So that I can take appropriate action  Discussion: This feature is about the device’s connection to HA/VAMF. If the user makes a request that requires the app to connect to the HA server and that connection cannot be made, the app will present a message. Additionally, as part of the same check, if the app detects the user is NOT connected to the internet based upon standard W3C calls, the app will provide a message about the lack of internet connectivity in place of the message that indicates the server is not currently available.  User Acceptance Criteria: 1. Given a user who has lost their internet connection, when the user takes an action in the app that requires internet connectivity, the system displays a warning message: 1.1. Header: Connection Error 1.2. Text: Your internet connection appears to be unavailable. Please try again when you regain connectivity. 1.3. OK button 1.3.1. Selecting OK closes the modal and returns the user to the app with focus placed on the header of the last screen they were working on. Existing screen data will continue to display until the user closes the app.  2. Given a user who is working in the app when the HA/VAMF system becomes unavailable, the system displays a warning message: 2.1. Title: Error 2.2. Text: The system cannot be reached. If the server is unavailable you will be unable to use this application. You can close your browser and try again later or try to reconnect now. 2.3. Retry button, alt text Retry 2.3.1. Selecting Retry executes the most recent transaction 2.4. Close button, alt text Close 2.4.1. Selecting Close closes the modal and returns the user to the header of the screen they were last working on. | Y | \* [VARUT-185](https://issues.mobilehealth.va.gov/browse/VARUT-185) \* [VARUT-183](https://issues.mobilehealth.va.gov/browse/VARUT-183) | \* [Validate session timeout warning and logout](https://issues.mobilehealth.va.gov/browse/VARUT-185) \* [Validate the error message displayed due to connectivity issues](https://issues.mobilehealth.va.gov/browse/VARUT-183) | Pass Pass |
| JIRA | [VARUT-4](https://DNS/browse/VARUT-4) | [Utility - Session Timeout - Warning and Logout](https://DNS/browse/VARUT-4) | As a user I want to be aware if my authentication session is about to end  So that I can extend my session if needed  Discussion: VA mobile apps are built so that an authentication session ends automatically after 15 minutes of inactivity. This inactivity refers to of any app that is part of the authentication session.  User Acceptance Criteria:  1. When an authenticated user has been inactive for 12 minutes, the system displays an alert: 1.1. Header: Your user session will time out in X minutes. 1.2. Text:  To help protect your information, your user session times out after 15 minutes.  If you are actively using your mobile apps, simply select Continue to reset the session. You can also select Logout to logout of your user session now.  1.3. Logout button, alt text Logout 1.3.1. Selecting Logout logs the user out of all VA apps and returns the user to the unauthenticated landing page 1.4. Continue Button, alt text Continue 1.4.1. Selecting continue closes the modal and returns the user to the header of the main screen 2. The minutes remaining counter in the modal header will update each minute that no action is taken up until 15 minutes of inactivity. When 15 minutes is reached the user is logged out of the system and a Session ended message is shown on top of a darkened screen background where all data fields obscured: 2.1. Header: Login Session Ended 2.2. Text: Select Launchpad to be taken to the Launchpad.  Select login to log back into the application you were using.  2.3. Launchpad button, alt text Launchpad 2.3.1. Selecting Launchpad closes the application and returns the user to the Launchpad  Select login to log back into the application you were using. 2.4. Login button, alt text Login 2.4.1. Selecting Login opens the VA staff authentication screen | Y | \* [VARUT-183](https://issues.mobilehealth.va.gov/browse/VARUT-183) \* [VARUT-185](https://issues.mobilehealth.va.gov/browse/VARUT-185) | \* [Validate the error message displayed due to connectivity issues](https://issues.mobilehealth.va.gov/browse/VARUT-183) \* [Validate session timeout warning and logout](https://issues.mobilehealth.va.gov/browse/VARUT-185) | Pass Pass |
| JIRA | [VARUT-5](https://DNS/browse/VARUT-5) | [Utility - Unauthenticated Landing Page](https://DNS/browse/VARUT-5) | As the VAR Utility Users We want to see basic app information and login access on the utility landing page So we can understand what the tool is and elect to login if desired  Criteria: 1.. An unauthenticated landing page is provided that provides basic tool information. 1.2. Header Bar – Tool Name: VAR Utility 1.3. Page body: 1.4. Name of utility: VAR Utility 1.5. Description:  The VAR Utility allows users to manage the VA Health Care facility appointment and request offerings available in the VAR Appointment app.  Valid facility login credentials are required to use this tool.  1.6. Login button 1.6.1. Selecting the Login button redirects users to the VAMF staff authentication login screen. 1.7. Footer:  1.7.1. VAR Utility – v1.0.0 (left aligned) 1.7.2. Not Logged In (right justified on larger form factors, aligned under app name in footer on smaller form factors)  Note:  The following actions are external to utility: 1. Users supply login credentials and specify a facility as part of the VAMF staff authentication process.  2. Failed VAMF authentication attempts are handled by the VAMF authentication screens. | Y | \* [VARUT-41](https://issues.mobilehealth.va.gov/browse/VARUT-41) | \* [VAR Utility - Unauthenticated Landing page](https://issues.mobilehealth.va.gov/browse/VARUT-41) | Pass |
| JIRA | [VARUT-8](https://DNS/browse/VARUT-8) | [Utility - User Menu & Logout](https://DNS/browse/VARUT-8) | As a user I want to view a user menu So I can access an About screen and a logout button.  Criteria:  1 When the user selects the user menu icon, the user menu is shown:  1.1 Label: User Menu 1.2 Button (bottom): Logout (displayed when user is logged in) - Returns user to unauthenticated landing page. Login (displayed when user is logged out.) | Y | \* [VARUT-133](https://issues.mobilehealth.va.gov/browse/VARUT-133) | \* [Validate the link logout under User Menu](https://issues.mobilehealth.va.gov/browse/VARUT-133) | Pass |
| JIRA | [VARUT-9](https://DNS/browse/VARUT-9) | [Utility - About page](https://DNS/browse/VARUT-9) | As a user  I want to access information about the app So I can understand what the app does and which version I am accessing  1. When a user selects About from the User Menu, the system displays the About information in a modal screen: 1.1. Header: About 1.2. App name and version number 1.3. Text: The VAR Utility allows users to set facility-level configurations for the VAR app. 1.5. OK button, Screen reader text matches button text 1.5.1. Selecting the OK button closes the modal and returns the user focus to the About menu button | Y | \* [VARUT-180](https://issues.mobilehealth.va.gov/browse/VARUT-180) | \* [Validate the About Page content for Var Utility](https://issues.mobilehealth.va.gov/browse/VARUT-180) | Pass |
| JIRA | [VARUT-12](https://DNS/browse/VARUT-12) | [Utility - Authorization](https://DNS/browse/VARUT-12) | As a Utility Business Owner I want to require VAR Utility Users to complete an authorization step before accessing the VAR Utility So that I limit VAR Utility User access to select individuals  Criteria: 1. After successful VAMF authentication, users credentials are checked for the existence of a VistA scheduling key:  NAME: SD SUPERVISOR Note: Key designation should be configurable  2. If the user's credentials include this key, a landing page is shown that demonstrates the user has successfully been authorized.  2.1 App title "VAR Utility" is shown in header 2.2 Footer displays: "VAR Utility - v1.0.0" (left justified); Logged in as <username> (right justified)  (Full page content is detailed in a separate story)  3. If the user's credentials do not include the authorization key, the user is shown a landing page (not authorized view) that includes a message indicating the failed authorization and instructions for obtaining help:  2.1 App title "VAR Utility" is shown in header 2.2 Footer displays: "VAR Utility v1.0.0" (left justified); Logged in as <username> (right justified) 2.3. Page body 2.3.1. Page Body:  Welcome <user first name> <user last name> <date - formatted as Month DD, YYYY>  Your credentials do not support authorization to use this app. Please contact your supervisor for assistance. (offset in error text box style)  Mockup: Utility - Not Authorized Home Page 03232016.pdf on: <https://DNS/display/ARA/Wireframes+and+Mockups>  Dev notes: Includes: test data setup staff logins with role and without role | Y | \* [VARUT-129](https://issues.mobilehealth.va.gov/browse/VARUT-129) | \* [Utility Authorization - Validate Authorization and access to VAR utility](https://issues.mobilehealth.va.gov/browse/VARUT-129) | Pass |
| JIRA | [VARUT-13](https://DNS/browseDNS) | [Utility - Direct Appointments - View/Edit Service Patient History Limit](https://DNS/browseDNS) | As a user I want to view/edit the number of days (patient history limit) in which a patient must have had contact with a given service in order to schedule an appointment So that I can view and update the setting  1. When a user selects the "Direct Scheduling" option in Panel 2, the Detail view (panel 3) is updated to show the Direct Scheduling setting options.  1.1 Subheader bar label: Direct Scheduling 1.2 Title: Patient History Options 1.3 Instructional Text: For the care types listed below, provide the direct scheduling Patient History options supported by the institution and its included divisions. 1.3.1 \* Required field  1.4 Reset button: alt text "Reset" selecting returns the table options to the last saved entries. 1.5 Save button: alt text "Save", selecting saves the updates the settings displays a confirmation modal: 1.5.1 Title “Confirmation” 1.5.2 Text “The Direct Scheduling settings have been saved.”  1.5.3 OK button; when selected, the confirmation modal closes, focus is returns to the Save button on the Direct Scheduling Page. 1.5.4 A horizontal rule separates the text and OK button 1.5.6 A horizontal rule separates the Confirmation title and text.  1.6. Patient History Options Table 1.7 Column 1 - Type of Care: Lists all types of care supported by VAR 1.7.1 Displays the patient friendly name for the stop code combinations related to that service, all of which are stored in the VAR utility DB 1.8 Column 2 - Require Relationship to Schedule  1.8.1 For Primary Care, display "PACT Team Assignment" as static text. 1.8.2 For remaining care types, display a drop down selection list, default selection to "Select" (null); other list values are: Yes, No 1.9 Column 3 - Last Seen Within (Months) \* (required when an input control is present) 1.9.1 When Require Relationship to Schedule is set to "Yes" display a drop down list selection control (default to null/"Select") with the following options (order as listed): 24 months (730 days) 12 months (365 days)  1.10 Save and Cancel buttons are replicated at the bottom of the screen. (Mimic VAR New Appointment/Request layout placement). | Y |  |  |  |
| JIRA | [VARUT-16](https://DNS/browse/DNS) | [Utility - Authentication](https://DNS/browseDNS) | As a Utility User I want to access the Administration Utility for my facility using my VAMF credentials So that I can authenticate with existing credentials  Criteria:  1. When a user selects the Login button on the Utility unauthenticated landing page, the system redirects users to the VAMF staff authentication login screen.  Technical comments: 1. Utility should have its own client id and secret. 2. Create a Utility specific resource to retrieve token. This will be part of var-utility-resources. VA has developed a library to retrieve token. Please review that library and use it if it does not have any issues. 3. Security for the token should be IS\_AUTHENTICATED\_ANONYMOUSLY. This should be only enabled for token endpoint. All other dependencies should require fully authentication and ROLE\_STAFF authorization. This should be default setting for /\* wild card. 4. REST dependencies on the var utility app should be managed to resource directory. Resource directory convention should be followed quite similar to VAR app. 5. For services, start with version v1 in the URL and this should be defined in the web.xml. | Y | \* [VARUT-137](https://issues.mobilehealth.va.gov/browse/VARUT-137) | \* [Validate Staff Login page](https://issues.mobilehealth.va.gov/browse/VARUT-137) | Pass |
| JIRA | [VARUT-17](https://dns/browse/DNS) | [Utility - Authenticated & Authorized Landing page](https://dns/browse/DNS) | As an authenticated and authorized user I want to be aware of the institutions affected by my setting changes So that I am aware of the scope of impact  1. After a user has authenticated and authorized into the VAR Utility, a landing page is shown.  1.1 Header bar: Home icon, alt text Home; selecting from any screen returns the user to the home page  Dev Note: No App Options menu (panel 1) formerly available by selecting the "hamburger icon" is included in the header bar.  1.2 Primary Header bar label: VAR Utility  2. Primary View - displayed (panels 2 and 3):  Panel 2 - Label: Manage Settings Panel 3 - Label: Home  3. Panel 2 - Manage Settings options 3.1 Two options are shown under manage settings (functionality is described in separate stories); none are selected by default 3.1.1. Direct Scheduling  4. Panel 3 - Detail 4.1 Subheader bar label: Home 4.2 Content:  Display the following text (mirror landing page style):  Welcome <User first name> <User last name> <date Month dd, YYYY>  Facility: <Primary Institution Name>  Update VAR Settings by selecting an option from the left hand menu. Note that any changes to this facility's settings also affect all of the facility's related divisions.  Mockup: <https://DNS/display/ARA/Wireframes+and+Mockups>  Dev notes:  Data source for Primary Institution name is derived from the staff login credentials | Y | \* [VARUT-131](https://DNS/browse/VARUT-131) | \* [Validate the landing page for an authorized user](https://DNS/browse/VARUT-131) | Pass |
| JIRA | [VARUT-60](https://DNS/browse/VARUT-60) | [Utility - Navigate without Saving Warning](https://dns/browse/VARUT-60) | As a user I want to be warned if I try to navigate away from utility form edits without saving  So that I don't accidentally lose data I've entered  Dev Note: initial work on branch | Y | \* [VARUT-212](https://DNS/browse/VARUT-212) | \* [Utility-Validate the confirmation modal displayed on exiting without save](https://DNS/browse/VARUT-212) | Pass |
| JIRA | [VARUT-81](https://DNS/browse/VARUT-81) | [Utility - User Guide and Link](https://DNS/browse/VARUT-81) | Create a utility user guide  Provide a link to the utility user guide at the bottom of the About screen  See the User Guide for more detailed instructions for using this app. (Hyperlink the word "user guide" to the PDF). | Y | \* [VARUT-229](https://DNSbrowse/VARUT-229) | \* [Validate the user guide link on the About Page](https://DNS/browse/VARUT-229) | Pass |
| JIRA | [VARUT-82](https://DNS/browse/DNS-82) | [Utility - Requests - View/Edit Service Settings - Shell](https://DNS/browse/DNS-82) | As a user I want to view/edit primary care request options for my facility So that I can view and update the setting  1. When a user views the Manage Settings list in the VAR Utility an option labeled "Requests" is available in the list (displayed below Direct Scheduling) . When a user selects "Requests", the Detail view (panel 3) is updated to show the Request setting options.  1.1 Subheader bar label: Requests 1.2 Title: Request Settings 1.3 Instructional Text: For the care types listed below, set the Request options supported by the institution and its included divisions. 1.3.1 \* Required field  1.4 Reset button: alt text "Reset" (displayed in panel subheader bar)  1.5 Save button: alt text "Save", (displayed in panel subheader bar)  1.6. Request Settings table - Column labels: 1.6.1 Column 1 - Type of Care:  1.6.2 Column 2 - Supported at this Facility? 1.6.3 Column 3 - \*Last Seen Within (Months) (required) 1.7 Horizontal Rule shown below grid 1.8 Reset button; right aligned (duplicates control shown in subheader bar) 1.9 Save button, right aligned (duplicates control shown in subheader bar) | Y | \* [VARUT-357](https://DNS/browse/DNS-357) | \* [Validate the Request Settings on Utility](https://DNS/browse/DNS-357) | Not tested |
| JIRA | [VARUT-219](https://DNS/browse/DNS-219) | [VAR Utility - Direct Scheduling Screen - Update labels](https://DNS/browse/DNS-219) | 1) Update column 2 (formerly Require relationship to schedule) to read: Supported at this Facility? (not required; all selectable fields will default to No) – review/discuss required status during planning  2) Update row drop down boxes for Audiology, Optometry and Outpatient Mental health as follows:  Change "Select" to "No" Change "No" to "Yes - Any Veteran" Change "Yes" to "Yes - Based Upon Time Frame"  3) Change static text "PACT Tem Assignment" to "Yes - PACT Team Assignment" | Y | \* [VARUT-267](https://DNS/browse/DNS-267) | \* [Validate column name change and drop down value changes on Direct Scheduling page](https://DNS/browse/DNS-267) | Pass |
| JIRA | [VARUT-223](https://DNS/browseDNS-223) | [Utility - Requests - View/Edit Service Settings](https://DNS/browse/DNS-223) | As a utility user I want to view/edit request options for my facility So that I can view and update the setting  1. When a user views Request settings grid, the following setting parameters are shown:  1.1 Type of Care:  List all type of care found in the Utility db (dynamically pulled) e.g. Primary Care, Audiology, Optometry, Outpatient Mental Health (Note: These are the default values (including case) that will be provided for the 3.1 release; utility users may update as needed) Labels matches name stored in VAR UT db)  1.2 Supported at this Facility? Not required; Drop down select box;  List options for Primary Care row: No, Yes - Any Veteran; default to No List options for all other rows: No, Yes - Any Veteran, Yes - Based Upon Time Frame; default to No  1.3 Last Seen Within (Months)\*  Drop down select box conditionally displayed as required when Supported at this Facility = Yes - Based Upon Time Frame; List value options: values: Select (null), 24 Months (730 Days), 12 Months (365 Days); default to Select  2. When the user selects Save, the settings are updated in the VAR UT db.  3 Reset button: alt text "Reset" (displayed in panel subheader bar) selecting returns the table options to the last saved entries. 4 Save button: alt text "Save", (displayed in panel subheader bar) selecting saves the updates the settings displays a confirmation modal: 4.1 Title “Confirmation” 4.2 Text “The Request settings have been saved.”  4.3 OK button; when selected, the confirmation modal closes, focus is returns to the Header on the Requests page. 4.4 A horizontal rule separates the text and OK button 4.5 A horizontal rule separates the Confirmation title and text. | Y | \* [VARUT-359](https://DNS/browseDNS-359) | \* [Validate the Request settings on the request page on Utility](https://iDNS/browseDNS-359) | Pass |
| JIRA | [VARUT-294](https://issues.mobilehealth.va.gov/browse/VARUT-294) | [Utility - Launchpad Feature](https://issues.mobilehealth.va.gov/browse/VARUT-294) | As a user I want to be able to access Launchpad from within the app So that I can easily navigate to other VA apps  Acceptance criteria:  1. When the user views the User Menu, a Launchpad button is shown: Location: Bottom of menu above Log Out/Login button. Icon: Airplane (not read by screen reader) Label: Launchpad Selecting the link closes the app and navigates the user to the VA Launchpad; system retains user authentication status at time of button selection  2. When the user selects Logout from the user menu, the system logs the user out of all VA apps, closes the app, and returns the user to the Launchpad.  3. When the user views the Login Session Ended modal a link to Launchpad is shown: Label: Launchpad Location: Left of Login button Label: Launchpad Selecting the link closes the app and directs the user to the VA Launchpad  4. When the user selects Logout from the Session ending warning modal, the user is directed to the Launchpad | Y | \* [VARUT-319](https://issues.mobilehealth.va.gov/browse/VARUT-319) | \* [Validate Launchpad on user menu and session timeout modal](https://issues.mobilehealth.va.gov/browse/VARUT-319) | Pass |
| JIRA | [VARUT-328](https://issues.mobilehealth.va.gov/browse/VARUT-328) | [Access Utility from Launchpad](https://issues.mobilehealth.va.gov/browse/VARUT-328) | As a veteran user I want to be able to identify the app on the VA Launchpad and when saved on my desktop So that I can quickly find it and open it  1. Web App: When a user views the app on Launchpad, a unique icon and short description are displayed. (Saving to home screen on IE follows the pattern established by other Launchpad apps whereby a generic icon is shown.) 2. When a user view the URL for web-based apps, a unique name is used in the URL.  3. App name shown on Launchpad: VAR Utility 4. Short description on Launchpad: Configure facility settings for Veteran VA Appointment mobile app use.  Note:  Attach app icons in HTML5 pixel sizes: 57, 72, 114, 144 | Y | \* [VARUT-354](https://issues.mobilehealth.va.gov/browse/VARUT-354) | \* [Test Access Utility from Launchpad](https://issues.mobilehealth.va.gov/browse/VARUT-354) | Not tested |

[16 issues](https://issues.mobilehealth.va.gov/secure/IssueNavigator.jspa?reset=true&jqlQuery=project+%3D+VARUT+AND+issuetype+in+%28Improvement%2C+Story%29+AND+status+%3D+Done+AND+resolution+not+in+%28Invalid%2C+Duplicate%29+AND+fixVersion+%3D+%22UT+1.0.0%22+ORDER+BY+key+ASC+++)