

VA Modernized Progress Notes Requirements Specification Document - Addendum

Version information is required for final SQA testing							
Name of Mobile Application: VA Modernized Progress Notes (MPN) Form Runner and VA MPN Form Builder				Name of JIRA Project: [REDACTED]			
Description of Mobile Application:							
Date	RSD/ARD MA Addendum Version	Author	Description of Document Change	Associated BRD Version	Associated Concept/Scope Version	Other Assoc.	Other Assoc.
		M Lucas and J Millard		No BRD			

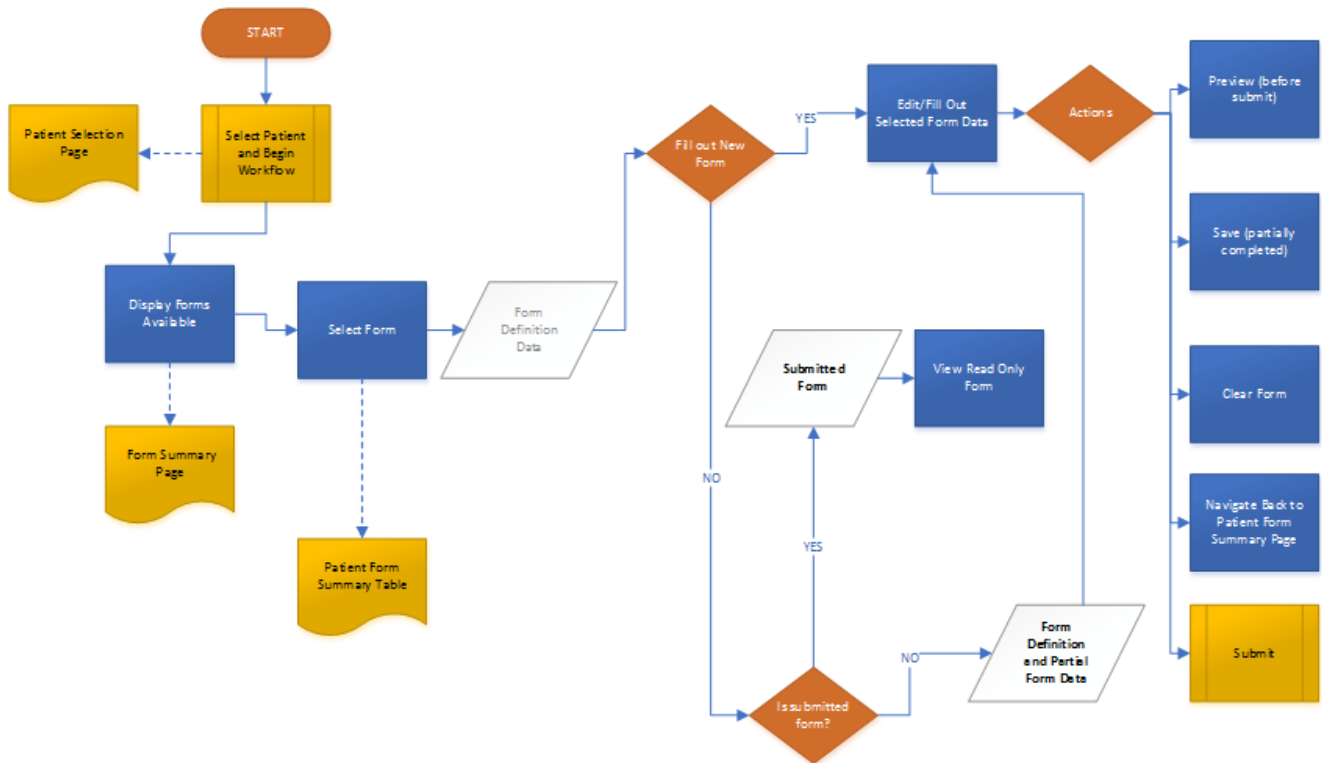
Application Owner/Analyst/PM Contact Information

Application Owner/Analyst Name/Point of Contact (POC) [REDACTED]	VA E-Mail Address [REDACTED]	Phone Number [REDACTED]
Developer Organization/Company [REDACTED]	[REDACTED]	[REDACTED]
Web and Mobile Solutions PM or POC [REDACTED]	[REDACTED]	[REDACTED]
VA Product Development PM or POC [REDACTED]	[REDACTED]	[REDACTED]

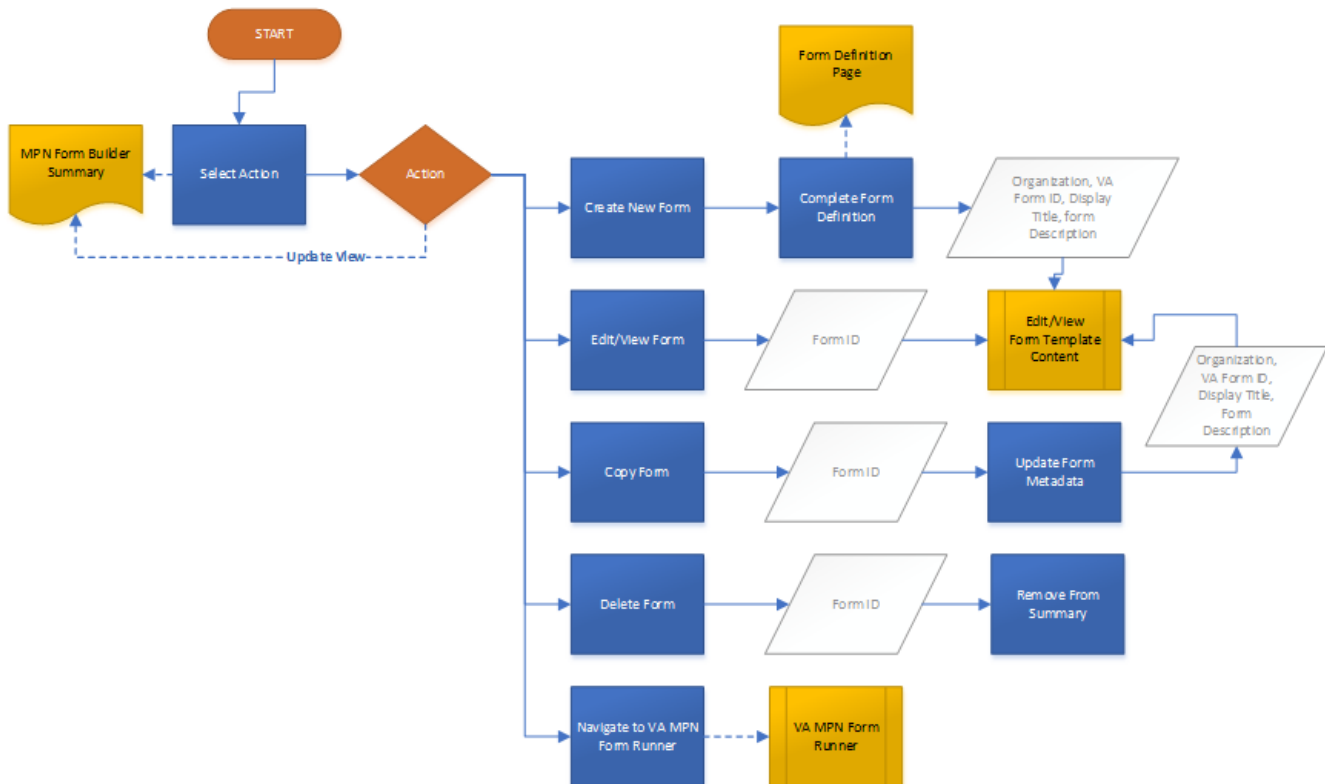
Mobile Application Information

Intended Audience (User) for Mobile Application: Intended Audience (User) for Mobile Application: <input type="checkbox"/> Veteran <input type="checkbox"/> Caregiver <input checked="" type="checkbox"/> Provider <input type="checkbox"/> Public
Scope of Integration This section puts the mobile application into perspective with other related products. If the application is independent and completely self-contained, it should be stated here. If the mobile application is a component of a larger system then identify the specifications of the larger system to the functionality of the mobile application and identify the interfaces between the larger system and the mobile application. The VA Modernized Progress Notes (MPN) project is a pilot project. Taken from the PWS: The goal of the MPN project is to bring Progress Notes Construction Set (PNCS)/Compensation and Pension Record Interchange (CAPRI)-style template creation and execution into the modern technological environment, targeting implementation that is operating system agnostic, along with improving the ease of provider documentation using primarily mobile devices while maintaining legacy compatibility with desktop workstations. The development of a sophisticated What You See Is What You Get (WYSIWYG) database-driven design environment, including the ability to extend form functionality to support back-end decision support.
Application Expected Workflow Describe and/or model the expected workflow.

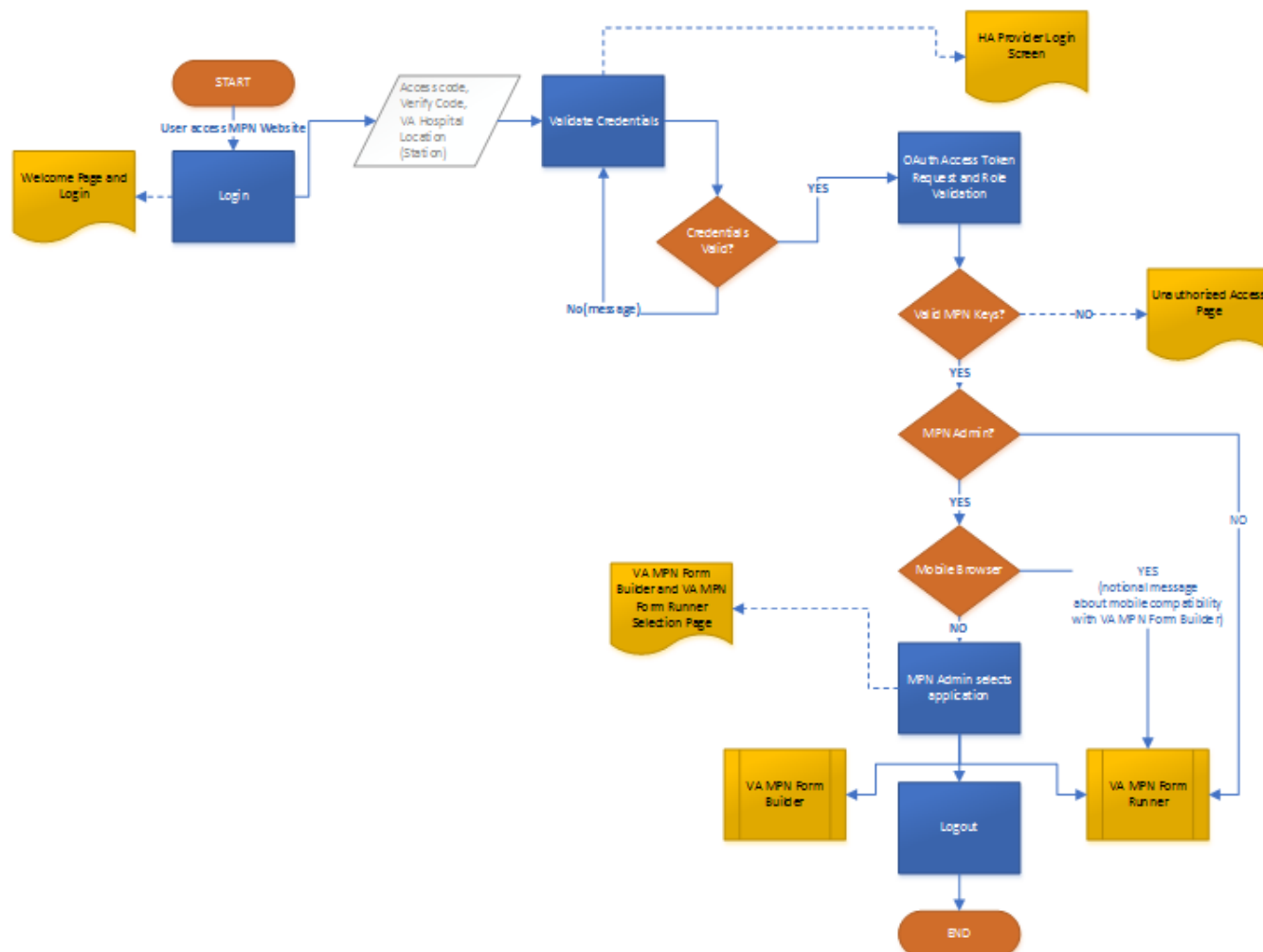
VA Form Runner



VA Form Builder



MPN Application



Laws and Regulation

What laws / regulations cover the implementation of the app? (To ensure compliance)

Section 508 of the Rehabilitation Act (29 U.S.C. § 794d), as amended by the Workforce Investment Act of 1998 (P.L. 105-220), August 7, 1998.

Legal, Copyright, and Other Notices

List any legal disclaimers, warranties, copyright notices, patent notices, word mark, 508 disclaimers and/or trademark logo issues associated with this mobile application.

Section 508 of the Rehabilitation Act (29 U.S.C. § 794d), as amended by the Workforce Investment Act of 1998 (P.L. 105-220), August 7, 1998.

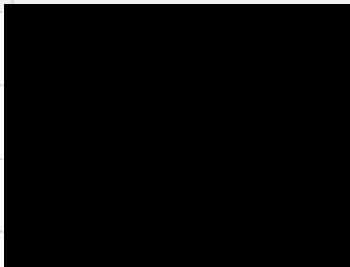
Business Needs

A BRD was not provided for this application. Requirements were gathered starting with large topics in the PWS and then clarified and refined with the Business Owner and VA.

Ref. ID	Need	Business Value
1. N/A		

System Features

Feature Name	Inputs	Outputs
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Disability Benefits Questionnaires (DBQs) - Recreate DBQs as provided by Veterans Benefit Administration	PDF DBQs that were to be recreated	Five DBQS (Diabetes Mellitus, Eye, Ear, Mental Health, and Hypertension) that were recreated in VA MPN Form Runner and reviewed with Subject Matter Experts (SMEs) for feedback.
SMARTforms UUIDs - Create unique identifiers (UUIDs) for each field in the DBQs based on Progress Notes Construction Set (PNCS) Classification and Categories.	Received classes and categories for fields from PNCS.	Created dropdowns on SMARTforms tab in VA Form Builder WYSIWG editor to allow the user to select category and class from PNCS with a brief description.
Application Login - Create a way, contained within the contractor environment, to allow the user to login to each application (VA MPN Form Runner and VA MPN Form Builder) based on the their security key (administrator versus user) to VA MPN Form Runner and VA MPN Form Builder.	Each user receives an access code and verify code (that are tied to specific security credentials) to enter the VA MPN Form Builder (administrative key) or VA MPN Form Runner (administrative or user key).	With the administrator key, the user can log into either VA Form Builder or VA Form Runner. With the user key, the user can only log into VA Form Runner.
ASCII Text Extract - Provide a way for the user to input (not in this iteration) the submitted DBQ forms to VistA.	A clinician completes the appropriate DBQ form in VA MPN Form Runner and presses the submit button.	After submission, the form is available to send to VistA (in the next iteration) via TIU Note to accompany the patient's record in VistA.
Runtime Tool - VA MPN Form Runner Tool	A published form in VA MPN Form Builder is available for the user to complete. The user can select a patient and complete, save, submit, or edit a non-submitted form.	A DBQ form that, after submission, is available to send to VistA (in the next iteration) via TIU Note to accompany the patient's record in VistA. Saved forms have the ability to be edited later by the clinician if the information is not available at one time or needs to be completed at a later time.
Design Tool - VA MPN Form Builder Tool	With the admin key, the user is able to create a new DBQ form, save it, edit it at a later time, or publish it for use by VA MPN Form Runner. Within the form, the user can set up field validation, mark a field as required, and associated a UUID to each field. The user can also review any form before it is published to see how it would function in VA MPN Form Runner.	A DBQ form that can be consumed by VA MPN Form Runner for a clinician to complete.
References		
Reference Description		Link or Attachment
Provide the names of all documents referenced in this RSD – Addendum.		
VA MPN Requirements Traceability Matrix (RTM)		
VA MPN System Design Document (SDD) Addendum		
Section 508 of the Rehabilitation Act (29 U.S.C. § 794d), as amended by the Workforce Investment Act of 1998 (P.L. 105-220), August 7, 1998.		
VA MPN Requirements Specification Document		
Program Level Requirement Changes		
List any required changes to Mobile Applications program-level RSD	JIRA Change Request Issue Number	Link or Attachment of Change Pages
None		

Requirements

Functional Requirements

Mapping between original RSD started at the beginning of this project (in ProPath template) and RSD Addendum can be found in the [RTM](#).

Epic Name	User Story from JIRA	JIRA User Story ID
Application Login	As an MPN Admin, I want to log into the VA MPN Form Builder application using my VistA provider credentials, so that I can create forms.	PNCSSF-241
Application Login	As an MPN User, I want to log into the VA MPN Form Runner applications using my VistA Provider credentials, so that I may select patients and fill out forms.	PNCSSF-242
Application Login	As a MPN application user, I want to implement logout, so that users of the MPN application can securely logout of the application.	PNCSSF-863
Design Tool	As a MPN Admin user, I want to manage form templates, including the ability to delete an existing form or form part, so it can be modified for another use.	PNCSSF-100
Design Tool	As a MPN Admin user, I want to manage form templates in VA MPN Form Builder, including the ability to copy an existing form part, so it can be modified for another use.	PNCSSF-101
Design Tool	As a MPN Admin user, I want to manage form templates, including providing a summary list of existing forms and form parts, so that the summary lists of existing forms and form parts can be viewed and updated when refreshed.	PNCSSF-102
Design Tool	As a MPN Admin user, I want to manage form templates, including the ability to view/edit an existing form or form part, so that the form can be edited for updates.	PNCSSF-104
Design Tool	As a MPN Admin user, I want to create a new form template using desktop web browser, so that it can be filled in for use by the form runner tool in the future.	PNCSSF-105
Design Tool	As a MPN Admin user, I want to access VA MPN Form Builder through the web, so that I do not have to install software.	PNCSSF-106
Design Tool	As a MPN Admin user, I want to add different error messages to required fields, so that the user can differentiate what type of error that has occurred.	PNCSSF-1291
Design Tool	As a MPN Admin user, I want to use Internet Explorer 10 as my desktop browser to access VA MPN Form Builder, so that I may test cross browser HTML5 compatibility.	PNCSSF-173
Design Tool	As a MPN Admin User, I want to validate user input on form controls, so that I can support required fields and common data types.	PNCSSF-177

Design Tool	As a MPN Admin User, I want to verify that the Modernized Progress Notes (MPN) application renders HTML5, so that we can verify contract requirement.	PNCSSF-178
Design Tool	As a MPN Admin user, I want to be able to test the ability to expand and collapse all too box controls in the VA MPN Form Builder, so that I can review all choices at one time.	PNCSSF-180
Design Tool	As a MPN Admin user, I want the to test the ability to expand and then collapse the expanded selected toolbox controls in the VA MPN Form Builder, so that I can minimize the space used by the controls and increase usability.	PNCSSF-181
Design Tool	As a MPN Admin User, I want to interact with form controls directly through the VA MPN Form Builder, so that I can update content and appearance of the form.	PNCSSF-184
Design Tool	As a MPN Admin user, I want the ability to test my form template in the VA MPN Form Builder, so that I can see the content and verify required fields as it would exist in VA MPN Form Runner before it is published.	PNCSSF-185
Design Tool	As a MPN Admin user, I want to save partially completed form templates and open them from any approved desktop environment, so that I can work from multiple locations.	PNCSSF-186
Design Tool	As a MPN Admin user, I want to publish my completed form template, so that it can be accessed on the VA MPN Form Runner application by authorized users.	PNCSSF-187
Design Tool	As a MPN Admin User, I want to be able to click on header columns of VA MPN Form Builder Summary screen, so that I can sort the data in ascending or descending order on selected column.	PNCSSF-245
Design Tool	As a MPN Admin user, I want to create reusable form parts with no bindings or actions (output controls), so that I can save time when creating forms.	PNCSSF-271
Design Tool	As a MPN Admin user, I want the ability to query to find a specific form template by Organization, VA Form ID, Display Title, and Form Description, so that I can easily find the form that I am looking for.	PNCSSF-382
Disability Benefits Questionnaires (DBQs)	As a MPN Admin User, I want to build an operational form based on the current Hypertension DBQ form, so that I can confirm that VA MPN Form Builder is working as expected.	PNCSSF-155
Disability Benefits Questionnaires (DBQs)	As a MPN Admin User, I want to build an operational form based on the current Diabetes Mellitus DBQ form, so that I can confirm that VA MPN Form Builder is working as expected.	PNCSSF-156

Disability Benefits Questionnaires (DBQs)	As a MPN Admin User, I want to build an operational form based on the current Mental Disorders (other than PTSD and Eating Disorders) DBQ form, so that I can confirm that VA MPN Form Builder is working as expected.	PNCSSF-157
Disability Benefits Questionnaires (DBQs)	As a MPN Admin User, I want to build an operational form based on the current Ear Conditions (including vestibular and infectious conditions) DBQ form, so that I can confirm that VA MPN Form Builder is working as expected.	PNCSSF-158
Disability Benefits Questionnaires (DBQs)	As a MPN Admin User, I want to build an operational form based on the current Eye Conditions DBQ form, so that I can confirm that VA MPN Form Builder is working as expected.	PNCSSF-159
MPN Branding	As a MPN application user, I want to view the Help link, so that the pages mimic wireframes that are branded for the MPN application.	PNCSSF-1028
MPN Branding	As a MPN application user, I want to view the About link, so that the pages mimic wireframes that are branded for the MPN application.	PNCSSF-1036
MPN Branding	As a MPN user, I want to have a Next and a Previous button when completing the forms, so that I can easily move from one section to another.	PNCSSF-257
MPN Branding	As an MPN Admin user, I want to see the "Home" button change to "VA MPN Form Runner", so that I can clearly see what the purpose of the button is.	PNCSSF-375
MPN Branding	As an MPN user, I want to see the Welcome and Provider information on the right side of the MPN banner, so that I can verify that I am logged in.	PNCSSF-377
Runtime Tool	As an MPN User, I want to search for and select a specific patient from HA, so that I can work with forms for that patient exclusively.	PNCSSF-1333
Runtime Tool	As an MPN user, I want to see the patients data auto populating into the Patient Data section on the DBQs, so that I do not have to fill that information in and so I can follow safety protocols.	PNCSSF-1362
Runtime Tool	As a MPN user, I want to view all of the forms that have been completed or partially completed for a patient, so that I can review, edit, or create a new form based on current need.	PNCSSF-1392
Runtime Tool	As a MPN user, I want the form to be read-only after I submit a form, so that I can have a record of what was submitted (to Vista in the future).	PNCSSF-1399
Runtime Tool	As a MPN User, I want to see a column added to the summary page to see the number of forms completed or started, so that I can determine if a new form is needed for a Veteran.	PNCSSF-1423

Runtime Tool	As an MPN User, I should be able to identify “at a glance” which patient is selected in Form Runner, so that I ensure I’m filling in the correct patient’s form.	PNCSSF-284
Runtime Tool	As a MPN Clinician, I do not want the capability to print the form from the browser or create a pdf, so that the data within the form is centrally stored in an electronic format.	PNCSSF-379
SmartForms UUID	As a MPN Admin User, I want to select a category or classification from the property editor, so that I can see the attributes available and bind them (in the future) to my SmartForms UUID.	PNCSSF-1071

Application-Specific Non-Functional Requirements (NFRs)

N/A - BRD was provided for this project.

Enterprise-Wide Non-Functional Requirements (NFRs)

Epic Name	JIRA User Story ID	Non-Functional Requirement from JIRA
508 Accessibility	PNCSSF-802	CLONE - As a project team, we must ensure that when focus changes occur that the context has not changed, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-804	CLONE - As a project team, we must ensure that the focus is set logically when a module opens, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-807	CLONE - As a project team, we must ensure that the focus is set logically when pop alerts close, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-810	CLONE - As a project team, we must ensure that the focus is not forcibly shifted when inputting information, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-813	CLONE - As a project team, we must ensure that navigation is visually indicated, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-816	CLONE - As a project team, we must make sure that when using keyboard focus, we clearly indicate interaction, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-818	CLONE - As a project team we must ensure that we use interactive elements on a page in a logical focus order, otherwise, we will not be Section 508 compliant.
508 Accessibility	PNCSSF-820	CLONE - As a project team, we must ensure that all elements can receive focus, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-822	CLONE - As a project team, we must ensure that all controls can be focused, otherwise we will not be Section 508 compliant.

508 Accessibility	PNCSSF-827	CLONE - As a project team, we must ensure that we are sufficiently describing all elements, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-829	CLONE - As a project team, we must ensure that we clearly indicate all form field constraints, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-831	CLONE - As a project team, we must provide context for multi-part controls, otherwise we will not be section 508 compliant.
508 Accessibility	PNCSSF-833	CLONE - As a project team, we must ensure that multi-part controls are accessible otherwise, we will not be Section 508 compliant.
508 Accessibility	PNCSSF-835	CLONE - As a project team, we must be sure to provide explicit labels for all form elements, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-837	CLONE - As a project team, we must place any text that gives instructions at the beginning of a form, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-839	CLONE - As a project team, we must ensure that it is possible for all enhancements to operate simultaneously, even if they are not all being used, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-841	CLONE - As a project team, we must ensure that time based sessions are accessible, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-843	CLONE - As a project team, we must make sure that all controls support Accessibility, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-845	CLONE - As a project team, we must make sure that non-decorative content supports accessibility, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-847	CLONE - As a project team we must ensure that controls are correctly identified as they are intended to be, and the "state" is correctly identified, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-849	CLONE - As a project team, we must be sure that all applications do not interfere with Assistive Technology, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-851	CLONE - As a project team, we must make sure that hidden content is not exposed to assistive technologies, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-853	CLONE - As a project team, we must make sure that decorative content is not exposed to assistive technologies, otherwise we will not be Section 508 compliant.

508 Accessibility	PNCSSF-855	CLONE - As a project team, we must make sure that duplicate content is not exposed to assistive technologies, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-857	CLONE - As a project team, we must make sure that artifact elements are not exposed to assistive technologies, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-859	CLONE - As a project team, we cannot only rely on sensory characteristics when providing instructions, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-869	CLONE - As a project team, we must ensure that shape and location are not the only ways hierarchy is communicated, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-873	CLONE - As a project team, we must use consistent labels for images, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-875	CLONE - As a project team, we must use consistent labels for common elements, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-877	CLONE - As a project team, we must be sure to provide the ability for the user to control the font size, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-879	CLONE - As a project team, we must be sure that content that gives the user an alternative to non-accessible content, also provide an equivalent functionality, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-881	CLONE - As a project team, we must ensure access to alternative input methods, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-883	CLONE - As a project team, we must be sure that element text has the same meaning when out of context, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-885	CLONE - As a project team, we must be sure that element text has the same meaning within context, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-887	CLONE - As a project team, we must be sure that we are able to move focus away from focusable components, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-889	CLONE - As a project team, we must be sure that we do not overlap active elements in touch focus areas, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-891	CLONE - As a project team, we must ensure that all actions on a touch screen are triggered on removal and not with the initial touch, otherwise we will not be Section 508 compliant.

508 Accessibility	PNCSSF-894	CLONE - As a project team, we must provide inactive space around elements on the touch screen, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-896	CLONE - As a project team, we must be sure to provide sufficient size for the element on the touch screen, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-898	CLONE - As a project team, we must make sure that while using logical navigation scrolling occurs as needed, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-900	CLONE - As a project team, we must make sure that all of the controls that have accessible input methods for the controls, have a specific set of behaviors and are adequately supported, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-902	CLONE - As a project team, we must ensure that all interactions with a control is what the user expects it to be, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-904	CLONE - As a project team, we must avoid duplicating information in alternatives, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-906	CLONE - As a project team, we must ensure that when using non-decorative images, informative alternative text is provided to the user, otherwise we will not be 508 compliant.
508 Accessibility	PNCSSF-908	CLONE - As a project team, we must use actual text when technology allows instead of images of the text, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-910	CLONE - As a project team, we must provide the equivalent text for all non-text elements including sound and images, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-912	CLONE - As a project team, we must be sure that the reading order of the application content is logical, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-914	CLONE - As a project team, we must be sure that where a screen title is provided, a clear title is presented on all screens, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-916	CLONE - As a project team, we must ensure that we are not using color and text formatting as the only means of communicating information on the Android/iOS platforms, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-918	CLONE - As a project team, we must ensure that we are not using color and text formatting as the only way to communicate selection on the Android/iOS platforms, otherwise we will not be 508 compliant.

508 Accessibility	PNCSSF-920	CLONE - As a project team, we must ensure that anything that uses color to convey a meaning, can also do so without using color in the content, on the Android/iOS platforms, otherwise we will not be Section 508 compliant
508 Accessibility	PNCSSF-922	CLONE - As a project team, we must ensure that anything that uses color to convey a meaning, can also do so without using color on-screen on the Android/iOS platforms, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-924	CLONE - As a project team, we must ensure that anything that uses color to convey a meaning without needing additional interaction from the user on the Android/iOS platforms, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-926	CLONE - As a project team, we must ensure that we provide a sufficient color contrast when using text and text images on the Android/iOS Platform, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-928	CLONE - As a project team, we must ensure that when colors from the OS are not used, that we provide a variety of color contrast selection, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-930	CLONE - As a project team, we must ensure that when White on Black is enabled on the iOS platform, that an acceptable contrast is provided within the application color settings, otherwise we will not be Section 508 Compliant.
508 Accessibility	PNCSSF-932	CLONE - As a project team, we must ensure that the addition of on-screen components are properly exposed to assistive technology on the Android/iOS platforms, otherwise, we will not be 508 compliant.
508 Accessibility	PNCSSF-934	CLONE - As a project team, we must ensure that the removal of on-screen components are properly exposed to assistive technology on the Android/iOS Media Platforms.
508 Accessibility	PNCSSF-936	CLONE - As a project team, we must ensure that we make assistive technologies aware of any content changes to the Android/iOS applications in real time, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-938	CLONE - As a project team, we must ensure that elements blink in a safe threshold on Android/iOS platforms, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-940	CLONE - As a project team, we must ensure that elements flash in a safe threshold on Android/iOS platforms, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-942	CLONE - As a project team, we must ensure that screen transitions settle within 5 seconds on the Android/iOS platform applications, otherwise we will not be Section 508 compliant.

508 Accessibility	PNCSSF-944	CLONE - As a project team, we must ensure that decorative animations settle within 5 seconds on the Android/iOS platform applications, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-946	CLONE - As a project team, we must ensure that we provide a non-animated way to step through or control animation on Android/iOS platform applications, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-948	CLONE - As a project team, we must ensure that error messages have a platform specific alert or the focus is moved to the error message after submitting of an action, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-951	CLONE - As a project team, we must ensure that we provide a clear indication of errors on the Android/iOS application platforms, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-953	CLONE - As a project team, we must ensure that we provide a consistent strategy to implement an error mechanism on the Android/iOS platforms, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-955	CLONE - As a project team, we must ensure that we provide a consistent way to implement and alert mechanism on the Android/iOS platforms, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-957	CLONE - As a project team, we must ensure that we provide a way to prevent errors on information that is submitted on the Android/iOS platforms, otherwise we will not be Section 508 compliant.
508 Accessibility	PNCSSF-959	CLONE - As a project team, we must provide suggestions to the user when they receive error messages whenever they are known when using the Android/iOS platforms, otherwise we will not be Section 508 compliant.
Code Review	PNCSSF-557	CLONE - Guidance: Development teams must obtain automatic static analysis tools from the VA SwA Program Office.
Code Review	PNCSSF-558	CLONE - Guidance: If Applicable, development team must perform the V&V Secure Code Review Process.
Code Review	PNCSSF-559	CLONE - Guidance: (If applicable) Development teams must perform the IV&V High Risk and High Priority application Review process.
Code Review	PNCSSF-560	CLONE - Guidance: Development teams should review the OWASP Top Ten list.
Code Review	PNCSSF-561	CLONE - Guidance: Development teams should review the CWE/SANS Top 25 Most Dangerous Software Errors.

General NFR	PNCSSF-755	CLONE - As a Project Team, we must ensure that following 15 minutes of inactivity by the current user our application time-outs, so that our application efficiently used the limited resources that maybe available to the user.
General NFR	PNCSSF-760	CLONE - As a Project Team, we must include an About tab or button within our application, so that the user can quickly locate important information about our application.
General NFR	PNCSSF-764	CLONE - As a Project Team we must ensure that a Splash Screen is displayed upon first use of the application by the user, so that we can share important information with and let the user know the application is loading.
General NFR	PNCSSF-768	CLONE - As a Project Team, we must include a Help tab or button within our application, so that the user can quickly locate important information to assist them in using our application.
General NFR	PNCSSF-776	CLONE - As a Project Team, we must include the version number of the application on the About tab, so that the use will know which version of the application they are using.
Multi-compliance Bodies	PNCSSF-779	CLONE - As a Project Team, we must use the language of the user when we create the UI for our application and as much as possible we must ensure the application acts and reacts as the user expects, so that we can reduce the occurrences of user error.
Multi-compliance Bodies	PNCSSF-781	CLONE - As a Project Team, we must include "what happened" information in error feedback so that our application will allow our users to correct errors and easily return to their tasks.
Multi-compliance Bodies	PNCSSF-783	CLONE - As a Project Team, we must include "how to correct error" information in error feedback, so that our application will allow our users to correct errors and easily return to their tasks.
Multi-compliance Bodies	PNCSSF-785	CLONE - As a Project Team, we must use terminology consistently throughout the application, so that we do not use two different terms that have the same meaning and we can avoid confusion.
Multi-compliance Bodies	PNCSSF-787	CLONE - As a Project Team, we must use a consistent screen layout throughout the application, so that consistency exists and users are able to easily find information.
Multi-compliance Bodies	PNCSSF-789	CLONE - As a Project Team, we must create a splash screen that conveys that our application is VA sanctioned, so that the user knows that this is an authorized VA application.
Multi-compliance Bodies	PNCSSF-792	CLONE - As a Project Team, we must compose the application messages in simple, plain language, so that it is easily understood by the target user.

Multi-compliance Bodies	PNCSSF-794	CLONE - As a Project Team, we must describe errors using plain, simple language so that it is easily understood by the target user.
Multi-compliance Bodies	PNCSSF-796	CLONE - As a Project Team, we must compose error recovery instructions using plain, simple language, so that it is easily understood by the target user.
Multi-compliance Bodies	PNCSSF-798	CLONE - As a Project Team, we must include error recovery instructions in all of the error messages of the application, so that it is easily understood by the target user.
Multi-compliance Bodies	PNCSSF-800	CLONE - As a Project Team, we must use a text height that can easily read by the user, so that the text is easily read and does not require manipulation techniques by the user to make the text readable.
Patient Safety	PNCSSF-627	CLONE - Guidance: There is a mechanism in place that will allow the team to collect post-deploy patient safety issues.
Patient Safety	PNCSSF-628	CLONE - See Description for Full Req: As a Project Team, we must prevent incorrect data entry.
Patient Safety	PNCSSF-632	CLONE-Guidance: Important information needed to complete safety critical actions is displayed to the user in a manner that helps the user notice it. For instance, by its position on a screen or font characteristics (e.g. color, bold or underline etc.
Patient Safety	PNCSSF-633	CLONE - Guidance: The context for safety critical values must be communicated to reduce the likelihood it is missed or misinterpreted.
Patient Safety	PNCSSF-634	CLONE - Guidance: The user interface articulates requirements that capture what information users need to be able to enter, so that information is shared, recorded, and utilized by the system.
Patient Safety	PNCSSF-635	CLONE - Guidance: The user interface articulates requirements that capture what information users need to be able to retrieve, so that information is shared, recorded, and utilized by the system.
Patient Safety	PNCSSF-636	CLONE - Guidance: A confirmation request is presented to the user when a safety critical action that cannot be undone is taken.
Patient Safety	PNCSSF-637	CLONE - Guidance: Programming calls that fail when trying to support a user action cause a message to be sent to the user and the text presented describes the error.
Patient Safety	PNCSSF-638	CLONE - As a Project Team, we must (when possible) ensure that user actions are undoable, so that our application will allow our users to correct errors and easily return to their tasks.
Patient Safety	PNCSSF-640	CLONE - As a Project Team, we must include "why it happened" information in error feedback, so that our application will allow our users to correct errors and easily return to their tasks.

Patient Safety	PNCSSF-642	CLONE - Guidance: There is a way for the user to get help with safety critical tasks.
Patient Safety	PNCSSF-645	CLONE - Guidance: Software programming calls for data, resources, and services are transactional, traceable, and with clear indications of success and failure.
Patient Safety	PNCSSF-646	CLONE - Guidance: There is a mechanism in place that captures use errors, allows the user to voluntarily report adverse events and (if applicable) allows for network messaging to be monitored.
Patient Safety	PNCSSF-647	CLONE - Guidance: All screens/pages are uniquely identified within the application.
Patient Safety	PNCSSF-650	CLONE - See Description of Full Guidance: Patient Safety representatives are given the information they need (e.g. documentation on the purpose and design of the application, the results from an independent clinical review, and the results from the Human Factors Engineering office's evaluations) to conduct their reviews and responses to any of their requests for change are documented.
Patient Safety	PNCSSF-651	CLONE - Guidance: Documentation of a conceptual model and use cases for patient safety critical tasks have been created and sent to Informatics Patient Safety for review.
Patient Safety	PNCSSF-652	CLONE - Guidance: A list of patient safety critical data and tasks has been documented and sent to Informatics Patient Safety for review.
Patient Safety	PNCSSF-653	CLONE - Guidance: Documentation of an independent clinical expert review is provided to Informatics Patient Safety.
Patient Safety	PNCSSF-654	CLONE - Guidance: The team engages Patient Safety specialist during our development phase.
Patient Safety	PNCSSF-655	CLONE - Guidance: Pilot testing is conducted and documented in the post deployment environment.
Patient Safety	PNCSSF-656	CLONE - Guidance: There is a mechanism in place that will allow the team to collect post-deploy patient safety issues.
Patient Safety	PNCSSF-657	CLONE - Guidance: The user interface implements requirements that articulate user decision making needs based on identifying relevant users, information, tasks, and timing - and relationships between them.
Patient Safety	PNCSSF-658	CLONE - Guidance: There is a mechanism in place that will help the user understand abnormal system results by explaining why it is abnormal.
Patient Safety	PNCSSF-1023	CLONE-As a Project Team, we must provide a way for our users to immediately obtain help from someone with specific medical or psychiatric knowledge so that our users can mitigate the effects of guidance that is not sufficient for the user's current needs.

Usability	PNCSSF-495	CLONE - Guidance: Usability testing must occur in a dedicated test environment that is separate from both the development and production environments.
Usability	PNCSSF-394	CLONE - As a Project Team, we must left align content in table cells, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-502	CLONE - As a Project Team, we must left align column headers, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-506	CLONE - As a Project Team, we must use mixed case text within the application, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-512	CLONE - As a Project Team, we must use simple and consistent button labels, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-518	CLONE - As a Project Team, we must left align page/section titles to anchor titles in consistent locations on all windows/screens, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-521	CLONE - As a Project Team, we must left align the labels for fields, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-525	CLONE - As a Project Team, we must avoid using acronyms/abbreviations, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-528	CLONE - As a Project Team, we must provide "Help" information and/or a tooltip when we use acronyms/abbreviations due to screen space limitations, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-532	CLONE - As a Project Team, we must use the colors red and green only for status driven content with our application, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-535	CLONE - As a Project Team, we must provide visual separation between the navigation space and the main-content area, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-538	CLONE - As a Project Team, we must have field level validation and notifications for missing and invalid information on the same page, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-541	CLONE - As a Project Team, we must have a consistent style for text hyperlinks within our application, so that our application will enhance the user's experience with our application.

Usability	PNCSSF-544	CLONE - As a Project Team, we must make drop-down selection box widths appropriate for the content, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-547	CLONE - As a Project Team, we must always use visible radio buttons for all simple binary options, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-549	CLONE - As a Project Team, we must provide standard sort behavior (based on data within the table) for all column tables, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-551	CLONE - As a Project Team, we must provide visual indicators for column sorting behaviors, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-553	CLONE - Guidance: To enhance the user's experience with the application, define and adhere to a model for the design elements within the application.
Usability	PNCSSF-554	CLONE - As a Project Team, we must make sure that text is sized to be readable, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-562	CLONE - As a Project Team, we must use consistent locations when placing navigation elements so that our application will enhance the user's experience with our application.
Usability	PNCSSF-564	CLONE - As a Project Team, we must place critical information in the top portion of the screen, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-566	CLONE - To enhance the user's experience with the application, create and use a consistent screen flow model within our application, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-567	CLONE - As a Project Team, we must use consistent screen elements within our application, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-569	CLONE - Guidance: Enhance the user's experience with our application by using consistent screen terms within the application.
Usability	PNCSSF-570	CLONE - As a Project Team, we must provide field entry tool tips at the field location on the screen, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-573	CLONE - As a Project Team, we must provide a visual indicator for all required fields, so that our application will enhance the user's experience with our application.

Usability	PNCSSF-575	CLONE - As a Project Team, we must display field labels close to their corresponding entry elements on the screen, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-577	CLONE - As a Project Team, we must use consistent elements to filter data within the application, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-579	CLONE - As a Project Team, we must use consistent elements to sort data within the application, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-581	CLONE - As a Project Team, we must use consistent model for data entry fields, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-585	CLONE - As a Project Team, we must apply alternate row shading for lengthy tables within the application, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-588	CLONE - As a Project Team, we must use icons that are easily recognizable by users, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-591	CLONE - As a Project Team, we must provide "white space" between status icons and screen content, otherwise our application risks non-approval from the Usability compliance group.
Usability	PNCSSF-600	CLONE - As a Project Team, we must define a logical tab order through fields on a screen when the default tab order is not sufficient for our application, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-602	CLONE - As a Project Team, we must make sure that the error messages within the application are in user-centric language, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-604	CLONE - As a Project Team, we must make sure that the error messages within the application contain specific instruction on the meaning of error, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-606	CLONE - As a Project Team, we must make sure that the error messages within the application contain specific instruction on how to recover from an error, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-608	CLONE - As a Project Team, we must make sure that the error messages within the application are consistently used and displayed, so that our application will enhance the user's experience with our application.

Usability	PNCSSF-610	CLONE - As a Project Team, we must provide context specific Help, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-613	CLONE - As a Project Team, we must not use terms that represent gender, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-616	CLONE - As a Project Team, we must provide Info button, so that our application will enhance the user's experience with our application.
Usability	PNCSSF-1017	CLONE - As a Project Team, we must provide an indicator for non-visible text that prompts the user to scroll so that our application will enhance the user's experience with our application.
Usability	PNCSSF-1019	CLONE - As a Project Team, we must use standard date and time selection widgets that are device specific so that our application will enhance the user's experience with our application.
User Interface	PNCSSF-392	CLONE - See Description for Full Req: As a Project Team, we make sure that the screens within the application are properly linked so they refer to the same patient.
User Interface	PNCSSF-405	CLONE - As a Project Team, we make sure that the screens within the application are properly linked so they refer to the same encounter. so that our application will enhance the user's experience with our application.
User Interface	PNCSSF-409	CLONE - As a Project Team, we must adhere to the standard navigation of the device so that consistency exists and users do not have an additional cognitive load to determine different navigation methods.
User Interface	PNCSSF-414	CLONE - As a Project Team, we must adhere to the standard navigation practices of the platform's operating system. so that consistency exists and users do not have an additional cognitive load to determine different navigation methods.
User Interface	PNCSSF-422	CLONE - As a Project Team, we must adhere to the standard navigation practices of the device's web-browser, so that consistency exists and users do not have an additional cognitive load to determine different navigation methods.
User Interface	PNCSSF-428	CLONE - As a Project Team, we must adhere to the standard navigation practices implemented by the VA, so that consistency exists and users do not have an additional cognitive load to determine different navigation methods.
User Interface	PNCSSF-436	CLONE - As a Project Team, we must present the content of the application consistently throughout the application. so that consistency exists and users are able to easily find information.

User Interface	PNCSSF-448	CLONE - As a Project Team, we must use consistent scrolling throughout the application, so that consistency exists and users do not have an additional cognitive load to determine how to perform functions.
User Interface	PNCSSF-458	CLONE - As a Project Team, we must use consistent screen movement throughout the application. so that consistency exists and users do not have an additional cognitive load to determine how to perform functions.
User Interface	PNCSSF-465	CLONE - As a Project Team, we must provide immediate feedback (.25) following user input activities, so that the user is aware the application has recognized the user's input.
User Interface	PNCSSF-469	CLONE - As a Project Team, we must provide a processing indicator for all tasks, regardless of their duration, so that the user is aware the application is processing information.
User Interface	PNCSSF-473	CLONE - As a Project Team, we must provide a remaining processing time indicator for tasks that will take longer than 10 seconds, so that the user is aware the application is processing information.
User Interface	PNCSSF-477	CLONE - As a Project Team, we must make sure that we create our icons based on the standards of the device, so that there is consistency in the application and we can avoid confusion.
User Interface	PNCSSF-482	CLONE - As a Project Team, we must make sure that the screens of our application adapt to the orientation (portrait/landscape) of the device, so that the application will be consistent with the user's expectations.
User Interface	PNCSSF-484	CLONE - See Description for full requirement - As a Project Team, we must use clear indicators that instructs the user how to move forward
User Interface	PNCSSF-486	CLONE - As a Project Team, we must give the user a choice to complete the task or abandon the task presented on a modal screen is used, so that a clear choice for exit and control over actions for the user.
User Interface	PNCSSF-488	As a Project Team, we must make sure that when a list of options is being displayed to the user, all of the choices can be read without scrolling (vertical/horizontal), so that the user's memory load is minimized.
User Interface	PNCSSF-490	CLONE - As a Project Team, we must make sure that the title of any modal screen represents the task being performed on the screen, so that the purpose of the screen is simply understood.
User Interface	PNCSSF-492	CLONE - As a Project Team, we must use the link name to indicate the destination of the link, so that the purpose of the link is simply understood.

User Interface	PNCSSF-496	CLONE - As a Project Team, we must make sure the entire name of our application is visible when the application icon that is displayed on the user's device, so that the full name of the application is evident.
User Interface	PNCSSF-498	CLONE - As a Project Team, we must use an indicator when a list is scrollable, so that the user is aware that there is more information to be displayed on the screen.
User Interface	PNCSSF-500	CLONE - As a Project Team, we must not allow for the content of the screens within the application to take up 80% of more of any screen within the application, so that the focus of the screen serves the applications purpose.
User Interface	PNCSSF-504	CLONE - As a Project Team, we must use tappable elements that are 44x44 points or larger, so that the user can easily select the element with their fingertip and avoid an incorrect element selection by the user.
User Interface	PNCSSF-510	CLONE - As a Project Team, we must avoid the use of vertically stacked controls, so that the user can easily select the control with their fingertip.
User Interface	PNCSSF-523	CLONE - As a Project Team, we must use short names for menus items that will not be truncated when displayed on the user's device so that the purpose of the menu items are evident and user's memory load is minimized.
User Interface	PNCSSF-530	CLONE - As a Project Team, we must provide an input indicator for active text entry fields, so that the user is aware that the application is expecting input.
V&V	PNCSSF-659	CLONE - Guidance: The Mobile Application is free of all Level-1 (Critical) and Level 2 (High) defects prior to submitting to V&V.
V&V	PNCSSF-660	CLONE - As a project team, we must be sure to provide a business owner waiver if our Mobile Application is not free of all critical and high defects, otherwise we will not meet the criteria for entrance into V&V.
V&V	PNCSSF-661	CLONE - Guidance: Test scripts and test results are documented according to ProPath guidance.
V&V	PNCSSF-662	CLONE - Guidance: To meet the requirements for V&V test intake, the functional requirements, business rule logic and compliance requirements have been tested.
VA Branding	PNCSSF-396	CLONE - As a Project Team, we must use the VA Administration logo provided in VA Mobile Style Guide, otherwise our application risks non-approval from the VA Branding compliance group.
VA Branding	PNCSSF-399	CLONE - As a Project Team, we must reference the latest available VA Branding Graphics Style guide when incorporating the VA Mobile logo into our application, otherwise our application risks non-approval from the VA Branding compliance group.

VA Branding	PNCSSF-407	CLONE - As a Project Team, we must use the VA Health logo (If application is sponsored by VHA) provided on the VA Mobile Branding website, otherwise our application risks non-approval from the VA Branding compliance group.
VA Branding	PNCSSF-411	CLONE - As a Project Team, we must reference the latest available VA Branding Graphics Style guide when incorporating the VA Health logo into our application, otherwise our application risks non-approval from the VA Branding compliance group.
VA Branding	PNCSSF-416	CLONE - As a Project Team, we must use the VA Mobile logo on all electronic media associated with our application, otherwise our application risks non-approval from the VA Branding compliance group.
VA Branding	PNCSSF-424	CLONE - As a Project Team, we must use the fonts listed within the VA Branding Style Guide for application chiclets, splash screens and content, otherwise our application risks non-approval from the VA Branding compliance group.
VA Branding	PNCSSF-430	CLONE - As a Project Team, we must use the appropriate administration color palette described in the latest VA Branding Style Guide otherwise our application risks non-approval from the VA Branding compliance group.
VA Branding	PNCSSF-438	CLONE - See Description for Full Req.: As a Project Team, we must create the chicklet for our application using the appropriate requirements (based on administration) listed in the latest VA Branding Style Guide
VA Branding	PNCSSF-450	CLONE - As a Project Team, we must create the splash screen for our application using the requirements listed in the latest VA Branding Style Guide, otherwise our application risks non-approval from the VA Branding compliance group.
VA Branding	PNCSSF-460	CLONE - As a Project Team, we must name our application in a manner that describes the functionality of the application, otherwise our application risks non-approval from the VA Branding compliance group.
VA Branding	PNCSSF-467	CLONE - As a Project Team, we must VA brand all web pages within the application using the responsive template documented in the latest VA Branding Style Guide, otherwise our application risks non-approval from the VA Branding compliance group.
VA Branding	PNCSSF-471	CLONE - As a Project Team, we must VA brand all mobile pages within the application using the responsive template documented in the latest VA Branding Style Guide, otherwise our application risks non-approval from the VA Branding compliance group.
VA Branding	PNCSSF-475	CLONE - See Description for Full Req.: As a Project Team, we must ensure our graphics use the appropriate dpi for mobile devices to ensure that graphics are consistently of a good resolution and are not blurry or pixelated

VA Branding	PNCSSF-480	CLONE - See Description for Full Req.: As a Project Team, we must ensure our images use the appropriate dpi for mobile devices to ensure that graphics are consistently of a good resolution and are not blurry or pixelated
Usability	PNCSSF-755	As a Project Team, we must ensure that following 15 minutes of inactivity by the current user our application time-outs so that our application efficiently uses the limited resources that maybe available to the user

Signature Section

I have reviewed the Mobile Application Requirements Addendum and find it acceptable.

Signature or E-signature of Lead Analyst or Application Owner

I have reviewed the Mobile Application Requirements Addendum and find it acceptable.

Signature or E-signature of WMS Project Manager

I have reviewed the Mobile Application Requirements Addendum and find it acceptable.

Signature or E-signature of VA OI&T Project Manager

This template last updated 11/13/2014