# Utility\_v1\_RSD Addendum

# VAR Utility

# Work Effort Under Scheduling Enhancements Contract

# Includes Utility Release v 1.0.0

# 

# Requirements Specification Document - Addendum

### 1.Introduction

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name of Mobile Application**  VAR Utility | | | | **Name of JIRA Project**  VAR Utility v1 | | **Web address where mobile application can be viewed** | | | |
| **Description of Mobile Application**  Utility provides authorized scheduling clerk users with the ability to configure the offerings displayed in VAR for a given facility. Configurable parameters include custom messages, the ability to submit an appointment request for a given service, and patient history limit requirements per service. | | | | | | | | | |
| **Date** | **RSD/ARD MA   Addendum Version** | **Author** | **Description of Document Change** | | **Associated BRD Version** | | **Associated Concept/Scope Version** | **Other Assoc.** | **Other Assoc.** |
| 11/12/2015 | 1.0 | Jennifer Zinck | Initial Version | | [Utility\_v1\_Business Requirements Document (BRD)](https://DNS/pages/viewpage.action?pageId=49974011) | |  |  |  |
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**Application Owner/Analyst/PM Contact Information**

|  |  |  |
| --- | --- | --- |
| **Application Owner/Analyst Name/Point of Contact   (POC)**   Jennifer Zinck | **VA E-Mail Address**  [PII](mailto:PII) | **Phone Number**  PII |
| **Developer Organization/Company**   ASMR | **Contract Start Date**   9/28/2015 | **Contract End Date**  9/27/2015 |
| **Web and Mobile Solutions PM or POC** | **VA E-Mail Address** | **Phone Number** |
| **VA Product Development PM or POC** | **VA E-Mail Address** | **Phone Number** |

## 1.1 Purpose

This RSD Addendum specifies the functions, user stories, and technology that are to be implemented by the Scheduling Administration Utility. The purpose of the RSD Addendum is to capture and articulate the Functional and Non-Functional Requirements (NFRs) of the Scheduling Administration Utility. The intended audience is both the business community, who supplies and approves the requirements, and the developer who will provide the software and hardware that will make up the Scheduling Administration Utility]. This document serves as the baseline to further define the scope of the Scheduling Administration Utility and verify the quality of the solution.

## 1.2 Scope

[Utility\_v1\_Business Requirements Document (BRD)](https://DNS/pages/viewpage.action?pageId=49974011)

## 

## 1.3 References

* Enterprise-Wide Non-Functional Requirements Project: [https:/DNS/browse/EWNFR](https://DNS/browse/EWNFR)
* MAP RSD: <http://DNS/warboard/ProjectDocs/MobileDevelopment(MD)/MAP_RSD.pdf>
* MAP VAMF SDD: <http://DNS/warboard/ProjectDocs/MobileDevelopment(MD)/MAP_VAMF_SDD.pdf>
* [Utility\_v1.0.0\_System Design Document (SDD) Addendum](file:///C:\pagesDNS)
* [Utility\_v1\_Business Requirements Document (BRD)](https://DNS/pages/viewpage.action?pageId=49974011)

# 2.Overall Description

## 2.1.Accessibility Specifications

The listing of enterprise 508 NFRs that are applicable to this application are located in Appendix A – 508 Accessibility (OIT) Specifications of of the MAP RSD.

2.2.Business Rules Specification

|  |  |  |
| --- | --- | --- |
| Intended Audience (User) for Mobile Application:   * Veteran * Caregiver * Provider * Public | | |
| Business Needs | | |
| Describe and/or model the expected workflow:  Reference the wiki for [flow diagrams](https://DNS/display/ARA/Flow+Diagrams). | | |
| **Describe all Business Needs:  Reference the BRD:** [**Utility\_v1\_Business Requirements Document (BRD)**](file:///C:\pages\createpage.action%3fspaceKey=DNS) | | |
| Ref. ID | Need | Business Value |
| 1. |  |  |
| 2. |  |  |
| 3. |  |  |
| What laws / regulations cover the implementation of the   app? (To ensure compliance) | | |
| What is the expected & maximum size of the user base? | | |

## 2.3.Design Constraints Specification

Design constraints represent mandated design decisions. Examples: CCOW compliance, software languages, software process requirements, prescribed use of developmental tools, architectural and design constraints, purchased components, and class libraries.

Transport Layer Security (TLS) – XML/JSON used. XML provides a mechanism to impose constraints on the storage layout and logical structure.

## 2.4.Disaster Recovery Specification

If DR is covered in a separate document, provide the link. Or state NA if DR is not applicable.

## 2.5.Documentation Specifications

Describe requirements for user documentation, help systems, help about notices, installation guide, security guide, implementation guide, and any other forms of documentation.

## 2.6.Functional Specifications

Describe the unique functional specifications for this app. Functional specifications can include feature sets, capabilities, and security. Provide the URLs in the table below.

| **Requirements** | | | |
| --- | --- | --- | --- |
| **EPIC ID/Name** | **FEATURE ID/Name** | **USER STORY ID/Name** | **Associated USER STORY Acceptance Criteria** |
| [VAR-1753](https://DNS/browse/VAR-1573)  Scheduling Administration Utility |  | Reference app [RTM](https://DNS/pages/viewpage.action?pageId=49974017) | Reference app [RTM](https://DNS/pages/viewpage.action?pageId=49974017) |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## 2.7.Graphical User Interface (GUI) Specifications

Document the GUI specifications. If these are contained in another document, provide the URL.

## 2.8.Multi-divisional Specifications

This section will be not applicable unless there is a VistA component to the app.

Use this section to document the multi-divisional specifications to ensure that all applications will operate in a multi-divisional or multi-site environment while fully supporting local health care delivery.

## 2.9.Performance Specifications

This section should identify dynamic numeric specifications placed on the software or on human interaction with the software as a whole. Numerical specifications may include:

* The number of simultaneous users to be supported.
* Dynamic numeric specifications should include the numbers of transactions and tasks and the amount of data to be processed within certain time periods for both normal and peak workload conditions.

## 2.10.Quality Attributes Specification

Indicate any specifications that enhance the supportability, maintainability, portability, testability, or reusability of the app being developed. This may include coding standards, naming conventions, class libraries, maintenance access, and maintenance utilities.

The following are found in the MAP RSD:

* listing of enterprise code review guidance is located in Appendix B – Code Review Specifications
* listing of enterprise Verification & Validation (V&V) NFRs is located in Appendix C – V&V Specifications
* listing of enterprise User Interface NFRs is located in Appendix G – User Interface Specifications
* listing of enterprise VA Branding NFRs is located in Appendix H – VA Branding (OPIA) Specifications
* listing of enterprise patient safety NFRs is located in Appendix I – Patient Safety (OIT) Specifications
* listing of enterprise general NFRs are located in Appendix J – General Specifications
* listing of enterprise Data and Terminology Standards NFRs is located in Appendix K – Data and Terminology Standards Compliance (OIA) Specifications

## 2.11.Reliability Specification

Specify the level of reliability required for the specific app. Examples:

* Availability – percentage of time available (xx.xx%), hours of use, maintenance access, degraded mode operations, and similar.
* Accuracy – precision (resolution) and accuracy (by a known standard) that is required in the systems output.
* Bugs – This is categorized in terms of minor, significant, and critical bugs: the specification(s) must define what is meant by a “critical” bug. For example, complete loss of data or complete inability to use certain parts of the functionality of the system.

## 2.12.Scope Integration

If the app is independent and completely self-contained, it should be so stated here.

If the app is a component of a larger system, then this section should relate the specifications of that larger system to functionality of the software and should identify interfaces between that system and the software.

Specify the use of other required software products and any interfaces with other applications or other systems such as commercial off-the-shelf (COTS) or national databases. Provide:

* Integration Agreement (IA) number as appropriate
* Product name
* Version number
* Purpose of the interfacing software as related to this software product
* Definition of the interface in terms of message content and format (HL7, Electronic Data Interchange, etc.)

A block diagram showing the software interfaces and major components of the larger system, interconnections, and external interfaces can be helpful.

## 2.13. Security Specifications

The listing of enterprise security and privacy NFRs is located in Appendix E – Enterprise Security Specifications and Appendix D – Privacy and Application Data Security (OIA) Specifications of the MAP RSD.

Describe any additional app-specific security specifications or include URL if described in the  BRD or Concept Paper.

## 2.14. System Features

A list of system features and their descriptions is described in the MAP VAMF SDD and the VAR Utility SDD Addendum.

## 2.15. Usability Specifications

Include app-specific usability non-functional requirements that affect usability. Include Enterprise NFRs that have been incorporated into the design of the application. The following list contains examples of usability specifications:

* Training – Specify time required for a normal users and power users to become productive
* Performance measures – Specify task times for typical tasks

The listing of enterprise Usability NFRs is located in Appendix F – Usability Specifications of the MAP RSD

# 3.Purchased Components

Describe any components purchased for use in the system/project, any applicable licensing or usage restrictions, and any associated compatibility/interoperability or interface standards.

# 4.Estimation

Detail the estimation approach for the project.   
If the project chooses to use function point estimation, provide the URL to the FPC Workbook.

Template updated 7/15/2015