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| *VENI App* |
| **Acceptance Test Document** |
| **SE 6387 Advanced Software Engineering Project**  **R.Z. Wenkstern**    ***April 22, 2015*** |

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# Revision History

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| --- | --- | --- | --- |
| **Version** | **Date** | **Description** | **Authors** |
| 1.0 | 27-Mar-2015 | Initial draft | K. Whitmire |

**Contents**

[Revision History 2](#_Toc417132000)

[1. Overview 4](#_Toc417132001)

[1.1 List of Tests 4](#_Toc417132002)

[1.1.1 First Run Experience Test 4](#_Toc417132003)

[1.1.2 Log-in Test 4](#_Toc417132004)

[1.1.3 Download Appointments Test 4](#_Toc417132005)

[1.1.4 Add Appointments to Calendar Test 4](#_Toc417132006)

[1.1.5 Get Directions to Clinic Test 4](#_Toc417132007)

[1.1.6 Check-in Test 4](#_Toc417132008)

[1.1.7 Security Test 4](#_Toc417132009)

[2. Test Procedure 5](#_Toc417132010)

[2.1 First Run Experience – Pass 5](#_Toc417132011)

[2.2 First Run Experience – Fail 5](#_Toc417132012)

[2.3 Log-in – Pass 5](#_Toc417132013)

[2.4 Log-in – Fail 5](#_Toc417132014)

[2.5 Download Appointments, first time – Pass 5](#_Toc417132015)

[2.6 Download Appointments, second time – Pass 6](#_Toc417132016)

[2.7 Add Appointments to Calendar – Pass 6](#_Toc417132017)

[2.8 Get Directions to Clinic – Pass 6](#_Toc417132018)

[2.9 Check-in – Pass 6](#_Toc417132019)

[2.10 Check-in – Fail, not at clinic 6](#_Toc417132020)

[2.11 Check-in – Fail, too early 7](#_Toc417132021)

[2.12 Security Test – must occur in debug environment 7](#_Toc417132022)

[3. Final Result 7](#_Toc417132023)

[Appendix A: Glossary 8](#_Toc417132024)

[Appendix B: References 9](#_Toc417132025)

# 1. Overview

The *Veni* system software Acceptance Test tests the functionality of the system by running various scenarios.

## Test Scenarios

### 1.1.1 First Run Experience Test

This test verifies the creation of a new account the first time the user runs the app, and verifies the return of an error message when incorrect information is entered. Verifies requirements VSU-01, VSU-02, and VSSC-03.

### 1.1.2 Log-in Test

This test verifies the user can log-in to the app when an account already exists, and returns an error message if an account does not exist.

### 1.1.3 Download Appointments Test

This test verifies the download of the user’s appointments from the VistA database. Verifies requirements VSSC-04, VSSC-05, VSSC-12, VSSC-13, VSSC-14, and VSSC-15.

### 1.1.4 Add Appointments to Calendar Test

This test verifies the transfer of the user’s appointments to the phone calendar service. Verifies requirement VSSC-06.

### 1.1.5 Get Directions to Clinic Test

This test verifies the transfer of an appointments’ clinic’s coordinates to the phone map service. Verifies requirements VSSC-07 and VSSC-08.

### 1.1.6 Check-in Test

This test verifies the user is checked-in for their appointment in the VistA database given the user does so when at the clinic location and within 30 minutes of the appointment time. Verifies requirements VSSC-09, VSSC-10, and VSSC-11.

### 1.1.7 Security Test

This test verifies the data transferred between the VistA database and the middle-tier and between the middle-tier and the phone is secured. Verifies requirement NFR-02, and verifies compliance with HIPPA standards.

# 2. Test Procedure

The following section details the steps to follow in order to verify each test.

## 2.1 First Run Experience – Pass

* Enter user information
* Click OK button
* Verify user information stored correctly in middle tier database

\_\_\_\_\_\_\_\_\_\_\_\_\_\_Pass \_\_\_\_\_\_\_\_\_\_\_\_\_\_Fail

## 2.2 First Run Experience – Fail

* Enter faulty user information
* Click OK button
* Verify error message appears

\_\_\_\_\_\_\_\_\_\_\_\_\_\_Pass \_\_\_\_\_\_\_\_\_\_\_\_\_\_Fail

## 2.3 Log-in – Pass

* Enter user name (email address) and password
* Click OK button
* Verify *Veni* app options screen appears

\_\_\_\_\_\_\_\_\_\_\_\_\_\_Pass \_\_\_\_\_\_\_\_\_\_\_\_\_\_Fail

## 2.4 Log-in – Fail

* Enter faulty user name (email address) and password
* Click OK button
* Verify error message appears

\_\_\_\_\_\_\_\_\_\_\_\_\_\_Pass \_\_\_\_\_\_\_\_\_\_\_\_\_\_Fail

## 2.5 Download Appointments, first time – Pass

* Click ‘Download Appointments’ button
* Verify downloaded appointments are displayed

\_\_\_\_\_\_\_\_\_\_\_\_\_\_Pass \_\_\_\_\_\_\_\_\_\_\_\_\_\_Fail

## 2.6 Download Appointments, second time – Pass

* Click ‘Download Appointments’ button
* Verify downloaded appointments are displayed with message stating if contents have changed

\_\_\_\_\_\_\_\_\_\_\_\_\_\_Pass \_\_\_\_\_\_\_\_\_\_\_\_\_\_Fail

## 2.7 Add Appointments to Calendar – Pass

* Click ‘Add to Calendar’ button
* Verify appointments appear in phone calendar

\_\_\_\_\_\_\_\_\_\_\_\_\_\_Pass \_\_\_\_\_\_\_\_\_\_\_\_\_\_Fail

## 2.8 Get Directions to Clinic – Pass

* Select appointment from list
* Click ‘Get Directions’ button
* Verify phone map service shows directions to the correct facility

\_\_\_\_\_\_\_\_\_\_\_\_\_\_Pass \_\_\_\_\_\_\_\_\_\_\_\_\_\_Fail

## 2.9 Check-in – Pass

* Select appointment from list
* Click ‘Check-in’ button
* Verify VistA database records user has checked-in for the correct appointment

\_\_\_\_\_\_\_\_\_\_\_\_\_\_Pass \_\_\_\_\_\_\_\_\_\_\_\_\_\_Fail

## 2.10 Check-in – Fail, not at clinic

* Select appointment from list
* Click ‘Check-in’ button
* Verify error message returned stating that user should wait until at clinic to check-in

\_\_\_\_\_\_\_\_\_\_\_\_\_\_Pass \_\_\_\_\_\_\_\_\_\_\_\_\_\_Fail

## 2.11 Check-in – Fail, too early

* Select appointment from list
* Click ‘Check-in’ button
* Verify error message returned stating that user should wait until within 30 minutes of appointment time

\_\_\_\_\_\_\_\_\_\_\_\_\_\_Pass \_\_\_\_\_\_\_\_\_\_\_\_\_\_Fail

## 2.12 Security Test – must occur in debug environment

* Tester must follow the data transfer to make sure it is encrypted/verified properly when sent/received

\_\_\_\_\_\_\_\_\_\_\_\_\_\_Pass \_\_\_\_\_\_\_\_\_\_\_\_\_\_Fail

# 3. Final Result

\_\_\_\_\_\_\_\_\_\_\_\_\_\_Pass \_\_\_\_\_\_\_\_\_\_\_\_\_\_Fail

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ QE Signature

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Tester Signature

# Appendix A: Glossary

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| **Term** | **Definition** |
| VA | Veterans Administration |
| *Veni* | Name of the system application |
| VISTA | Veterans Health Information Systems and Technology Architecture |
| PHI | Protected Health Information |
| PII | Personally identifiable information |
| HIPAA | Health Insurance Portability and Accountability Act |
| SRS | Software Requirements Specification |