Department of Veterans Affairs

Clinical Ancillary Services (CAS)

**Build 2**

**Sprint-2**

Test Case CAS\_TC\_027



CLIN# 0004AE

November 2017

Version 1.0

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Version | Description | Author |
| 08/04/2017 | 1.0 | Initial draft | Joseph A. McGovern |

Template Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Version | Description | Author |
| 08/04/2017 | 1.0 | Constructed for CAS based on historical Test Case format used on prior VA Projects | Joseph A. McGovern |

Table of Contents

[1 Product Description 1](#_Toc489565052)

[1.1 Purpose 1](#_Toc489565053)

[1.2 Scope 1](#_Toc489565054)

[2 Test Case](#_Toc489565055)

[Appendix A. Acronyms & Abbreviations 9](#_Toc489565056)

# Product Description

OneVA Pharmacy Clinical Ancillary Services (CAS) project

## Purpose

The purpose of this document is to develop test case scenarios to identify, clarify, and organize CAS application requirements. The test case is made up of a set of possible sequences of interactions between systems and users in the CHYSHR and DAYTSHR environments to validate and verify that OneVA Pharmacy software Outpatient Pharmacy Prescription Processing will prevented from updating restricted fields when select one or more fields to update so that do not inadvertently update a field that is not supposed to be edited on a controlled substance prescription causing me to be in violation of DEA regulations..

The CHYSHR environment is the Host site. The DAYTSHR environment is the dispensing site (remote).

The test case should contain all system activities that have significance to the Pharmacist users.

## Scope

OneVA Pharmacy software Outpatient Pharmacy Prescription Processing will prevented from updating restricted fields when select one or more fields to update so that do not inadvertently update a field that is not supposed to be edited on a controlled substance prescription causing me to be in violation of DEA regulations..

# Test Case

CAS Test Cases and supporting test scripts will be recorded managed in VA Enterprise Jazz Rational Quality Manager Tool PBM(QM). Stakeholders can also provide inputs about the current set of test cases as well as suggest some more missing test cases.

This test case will:

* Capture and communicate functional requirements for software development; and
* Provide a set of test inputs, execution conditions, and expected results developed for a particular objective, such as to exercise a particular program path or to verify compliance with a specific requirement or defect remediation.
* Prevented from updating restricted fields when select one or more fields to update so that do not inadvertently update a field that is not supposed to be edited on a controlled substance prescription.
* When the edits restricted, present the user with the following error message

“The selection includes fields that are not editable for controlled substances. These fields will be skipped.”

|  |  |
| --- | --- |
| Field | Description |
| Test Case ID: | CAS\_ Build 2\_Sprint 1\_CAS\_MPDU\_TC\_027\_ Prevent edits of restricted fields on Controlled Substance Prescriptions |
| RTC ID: | 607637 |
| RM ID: | 944733 |
| QM ID: | 165364 |
| Tester: | Samatha Girla |
| Environment: | DAYTSHR |
| Build : | PSD\_3\_83\_20171109.KID,PSO\_7\_505\_20171109.KID |
| Use Case Name: | Electronic capture of all information required to fill prescriptions for controlled substances |
| Scenario: | As a pharmacist editing a prescription order on a controlled substance, I want to be prevented from updating restricted fields when I select one or more fields to update so that I do not inadvertently update a field that is not supposed to be edited on a controlled substance prescription causing me to be in violation of DEA regulations. |
| Actors: | Pharmacist |
| Pre-Condition: | The Pharmacist must have an active VistA account with access to the OneVA Pharmacy Program.  Scenario 1: Patient should have at least one active controlled substance prescriptions  Scenario 2: Patient should have at least one pending controlled substance prescriptions |
| Post-Condition | Upon entry of valid access and verify codes on OutPatient Pharmacy Prescription Processing system should Prevent edits of restricted fields on Controlled Substance Prescriptions |

|  |  |  |  |
| --- | --- | --- | --- |
| Steps |  | Pass | Fail |
|  | **Scenario 1:Block edits on restricted fields for Active controlled substance prescriptions** |  |  |
|  | **Actions** | Pass |  |
| Log into the ‘HOST’ system DAYTSHR . |
| **Expected Results** |
| The ‘HOST’ system will be the system that ‘owns’ the prescription, or where the prescription was original written. |
|  | **Actions** | Pass |  |
| Enter your access/verify code(s). |
| **Expected Results** |
| User it taken to the default menu prompt. |
|  | **Actions** | Pass |  |
| Choose Option ‘PSO USER1’ |
| **Expected Results** |
| User is taken to the default menu prompt. |
|  | **Actions** | Pass |  |
| When prompted “Select Systems Manager Menu <TEST ACCOUNT> Option:” enter PROGrammer Options, press <return> |
| **Expected Results** |
| User is taken to the next prompt. |
|  | **Actions** | Pass |  |
| Select Programmer Options <TEST ACCOUNT> Option: PG Programmer mode |
| **Expected Results** |
| User is taken to the next prompt. |
|  | **Actions** | Pass |  |
| When prompted ‘ISPA04:DAYTSHR>’ D ^XUP  :”, press <return> |
| **Expected Results** |
| User is taken to the next prompt. |
|  | **Actions** | Pass |  |
| **Select OPTION NAME:** PSO USER1 |
| **Expected Results** |
| System will ask to enter division |
|  | **Actions** | Pass |  |
| Division:984 |
| **Expected Results** |
| Select LABEL PRINTER: HOME// SECURE Right Margin: 80// |
|  | **Actions** | Pass |  |
| Press <Return> until see the option Select Pharmacist Menu <TEST ACCOUNT> Option: then enter RX and press <retun> |
| **Expected Results** |
| Do you want an Order Summary? No// |
| 10 | **Actions** |  |  |
| Do you want an Order Summary? No// Press <Return> |
| **Expected Results** |
| Select Rx (Prescriptions) <TEST ACCOUNT> Option: Should be displayed on the screen |
| 11 | **Actions** |  |  |
| Select Patient Prescription Processing and press<Return> |
| **Expected Results** |
| System will ask for Select PATIENT NAME: |
| 12 | **Actions** |  |  |
| Enter patient name which meets the pre conditions mentioned  For the test case here TEST,DAYTSHR used for the testing |
| **Expected Results** |
| System should be displayed Would you like to query prescriptions from other OneVA Pharmacy  locations? YES |
| 13 | **Actions** |  |  |
| Enter YES and press<return> |
| **Expected Results** |
| REMOTE PRESCRIPTIONS AVAILABLE!  Display Remote Data? N// |
| 14 | **Actions** |  |  |
| Press <Return>until you see the patient medication profile |
| **Expected Results** |
| Patient medication profile will be displayed with all prescriptions  **Medication Profile** Nov 20, 2017@20:14:45 Page: 1 of 2  TEST,DAYTSHR  PID: 090-90-9090 Ht(cm): \_\_\_\_\_\_\_ (\_\_\_\_\_\_)  DOB: JAN 1,1975 (42) Wt(kg): \_\_\_\_\_\_\_ (\_\_\_\_\_\_)  SEX: FEMALE  CrCL: <Not Found> BSA (m2): \_\_\_\_\_\_\_  ISSUE LAST REF DAY  # RX # DRUG QTY ST DATE FILL REM SUP  +  1 2719137 AMINOCAPROIC ACID 500MG TAB 30 A 11-08 11-08 11 30  2 2719135 AMOXAPINE 100MG TAB 30 A> 11-08 11-08 11 30  3 2719138 DIGOXIN (LANOXIN) 0.125MG TAB 30 A 11-08 11-08 11 30  4 2719140 LORAZEPAM 1MG TAB 30 S> 11-13 12-03 4 30  5 2719136t WARFARIN (COUMADIN) NA 10MG WHITE TAB A 11-08 11-08 0 30  Qty: 28  ------------------------------------PENDING-------------------------------------  6 ACYCLOVIR 800MG TAB QTY: 60 ISDT: 07-26> REF: 0  --------------------------CHYSHR TEST LAB (983) ACTIVE--------------------------  7 10000427 DIAZEPAM 10MG TAB 125 A 11-08 11-08 5 30  + Enter ?? for more actions  PU Patient Record Update NO New Order  PI Patient Information SO Select Order  Select Action: Next Screen// |
| 15 | **Actions** |  |  |
| Select active controlled substance prescription, here for testing LORAZEPAM 1MG TAB selected Action: Quit// 4 |  |  |
| **Expected Results** |  |  |
| **OP Medications (SUSPENDED)** Nov 21, 2017@09:57:48 Page: 1 of 3  TEST,DAYTSHR  PID: 090-90-9090 Ht(cm): \_\_\_\_\_\_\_ (\_\_\_\_\_\_)  DOB: JAN 1,1975 (42) Wt(kg): \_\_\_\_\_\_\_ (\_\_\_\_\_\_)  SEX: FEMALE  CrCL: <Not Found> BSA (m2): \_\_\_\_\_\_\_    Rx #: 2719140  (1) \*Orderable Item: LORAZEPAM TAB  (2) CMOP Drug: LORAZEPAM 1MG TAB  NDC: 00008-0064-02  (3) \*Dosage: 1 (MG)  Verb: TAKE  Dispense Units: 1  Noun: TABLET  \*Route: BY MOUTH  \*Schedule: QAM  (4)Pat Instructions:  SIG: TAKE ONE TABLET BY MOUTH EVERY MORNING  (5) Patient Status: SC  (6) Issue Date: 11/13/17 (7) Fill Date: 11/13/17  Last Fill Date: 12/03/17 (Mail)  Last Release Date: (8) Lot #:  Expires: 05/16/18 MFG:  (9) Days Supply: 30 (10) QTY (TAB): 30  (11) # of Refills: 5 Remaining: 4  (12) Provider: HERRING,VENESSA  DEA#: AH4729919  (13) Routing: WINDOW (14) Copies: 1  Method of Pickup:  (15) Clinic: Not on File  (16) Division: OneVA Pharmacy (984)  (17) Pharmacist:  (18) Remarks:  (19) Counseling: NO  (20) Refill Data  Finished By: GIRLA,SAMATHA  Entry By: GIRLA,SAMATHA Entry Date: 11/13/17 13:17:02  Enter ?? for more actions  DC Discontinue PR Partial RL Release  ED Edit RF (Refill) RN Renew  Select Action: Quit// |  |  |
| 16 | **Actions** |  |  |
| Select Action: Next Screen//1-19 press <return> |  |  |
| **Expected Results** |  |  |
| System should be displayed following message  “The selection includes field(s) that are not editable for controlled substances. These field(s) will be skipped.”  The first editable field, field2 should be displayed on the screen for user edits  When user press the return 1,3,11,12,17 fields should not be displayed on the screen for edits, rest of the editable fields should be displayed one by one in order user can edit the fields |  |  |
|  | **Scenario 2:Block edits on restricted fields for Pending controlled substance prescriptions** |  |  |
| 17 | **Actions** |  |  |
| Execute steps 7-14 mentioned in scenario 1 |  |  |
| **Expected Results** |  |  |
| **Medication Profile** Nov 21, 2017@10:37:07 Page: 1 of 2  TEST,DAYTSHR  PID: 090-90-9090 Ht(cm): \_\_\_\_\_\_\_ (\_\_\_\_\_\_)  DOB: JAN 1,1975 (42) Wt(kg): \_\_\_\_\_\_\_ (\_\_\_\_\_\_)  SEX: FEMALE  CrCL: <Not Found> BSA (m2): \_\_\_\_\_\_\_  ISSUE LAST REF DAY  # RX # DRUG QTY ST DATE FILL REM SUP    -------------------------------------ACTIVE-------------------------------------  1 2719137 AMINOCAPROIC ACID 500MG TAB 30 A 11-08 11-08 11 30  2 2719135 AMOXAPINE 100MG TAB 30 A> 11-08 11-08 11 30  3 2719138 DIGOXIN (LANOXIN) 0.125MG TAB 30 A 11-08 11-08 11 30  4 2719140 LORAZEPAM 1MG TAB 30 S> 11-13 12-03 4 30  5 2719136t WARFARIN (COUMADIN) NA 10MG WHITE TAB A 11-08 11-08 0 30  Qty: 28  ------------------------------------PENDING-------------------------------------  6 ACYCLOVIR 800MG TAB QTY: 60 ISDT: 07-26> REF: 0  --------------------------CHYSHR TEST LAB (983) ACTIVE--------------------------  + Enter ?? for more actions  PU Patient Record Update NO New Order  PI Patient Information SO Select Order  Select Action: Next Screen// |  |  |
| 18 | **Actions** |  |  |
| Select available Pending prescription. Here for testing ACYCLOVIR 800MG TAB Select Action: Next Screen//6 |  |  |
| **Expected Results** |  |  |
| **Pending OP Orders (ROUTINE)** Nov 21, 2017@10:40:45 Page: 1 of 2  TEST,DAYTSHR  PID: 090-90-9090 Ht(cm): \_\_\_\_\_\_\_ (\_\_\_\_\_\_)  DOB: JAN 1,1975 (42) Wt(kg): \_\_\_\_\_\_\_ (\_\_\_\_\_\_)    \*(1) Orderable Item: ACYCLOVIR TAB  (2) CMOP Drug: ACYCLOVIR 800MG TAB  (3) \*Dosage: 800 (MG)  Verb: TAKE  Dispense Units: 1  Noun: TABLET  \*Route: BY MOUTH  \*Schedule: 30  \*Duration: 30 (DAYS)  (4) Pat Instruct: Autopopulate PatInst on the PSO Eh X DRUG VALIDATION  Provider Comments:  Instructions: TAKE 1 TABLET PO 30 30  SIG: TAKE ONE TABLET BY MOUTH 30 FOR 30 DAYS  (5) Patient Status: SC  (6) Issue Date: JUL 26,2017 (7) Fill Date: NOV 21,2017  (8) Days Supply: 30 (9) QTY (TAB): 60  Provider ordered 0 refills  (10) # of Refills: 0 (11) Routing: MAIL  (12) Clinic: ANGIO  (13) Provider: BARHAN,SHEELA MADHAR  (14) Copies: 1  (15) Remarks:  Entry By: BARHAN,SHEELA MADHAR Entry Date: 08/18/17  Enter ?? for more actions  BY Bypass DC Discontinue FL Flag/Unflag  ED Edit FN Finish  Select Item(s): Quit// |  |  |
| 19 | **Actions** |  |  |
| Select Item(s): Quit//1-15 and press Return |  |  |
| **Expected Results** |  |  |
| System should be displayed following message  “The selection includes field(s) that are not editable for controlled substances. These field(s) will be skipped.”  The first editable field, field2 should be displayed on the screen for user edits  When user press the return 1,3,10,13 fields should not be displayed on the screen for edits, rest of the editable fields should be displayed one by one in order and user can edit the fields |  |  |

1. Acronyms & Abbreviations

|  |  |
| --- | --- |
| Acronym | Definition |
| CAS | Clinical Ancillary Services |
| CHYSHR | Test Environment for Host site |
| CPRS | Computerized Patient Record System |
| DAYTSHR | Test Environment for the dispensing site (remote) |
| VHA | Veteran’s Health Administration |
| VistA | Veterans Health Information Systems and Technology Architecture |