Department of Veterans Affairs

Clinical Ancillary Services (CAS)

**Sprint-2**

Test Case CAS\_MPDU\_TC\_022



CLIN# 0004AE

November 2017

Version 1.1

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Version | Description | Author |
| 08/22/2017 | 1.0 | Initial draft | Joseph A. McGovern |
| 11/04/2017 | 1.1 | Updated for Site Testing | Joseph A. McGovern  Samatha Girla |

Template Revision History

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| --- | --- | --- | --- |
| Date | Version | Description | Author |
| 08/22/2017 | 1.0 | Constructed for CAS based on historical Test Case format used on prior VA Projects | Joseph A. McGovern |

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# 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 system to prevent the use of the titration/maintenance functionality on all controlled substance prescriptions, so that it is consistent between Electronic Prescriptions for Controlled Substances (EPCS) prescriptions and paper prescriptions.

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

## Scope

As a VA Pharmacist I need the OneVA Pharmacy system to prevent the use of the titration/maintenance functionality on all controlled substance prescriptions, so that it is consistent between Electronic Prescriptions for Controlled Substances (EPCS) prescriptions and paper prescriptions.

# 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.
* Prevent the use of the titration/maintenance functionality on all controlled substance prescriptions.

|  |  |
| --- | --- |
| Field | Description |
| Test Case ID: | CAS\_MPDU\_TC\_022\_Prevent use of titration maintenance functionality for all controlled substances |
| RTC ID: | 607562 |
| RM ID: | 944723 |
| QM ID: | 165365 |
| Tester: | Samatha Girla |
| Environment: | DAYTSHR |
| Build : | PSD\_3\_83\_20171109.KID,PSO\_7\_505\_20171109.KID |
| Use Case Name: |  |
| Scenario: | As a pharmacist, I need the system to prevent the use of the titration/maintenance functionality on all controlled substance prescriptions, so that it is consistent between Electronic Prescriptions for Controlled Substances (EPCS) prescriptions and paper prescriptions |
| Actors: | Pharmacist |
| Pre-Condition: | The Pharmacist must have an active VistA account with access to the OneVA Pharmacy Program.  OneVa Pharmacy flag must be turned on at both host and dispensing sites.  At least one prescription should exist for the target patient. This prescription needs to have a “controlled **substance** " and Rx must have a ‘THEN’ conjunction |
| Post-Condition | Patient Prescription Processing system and processing will prevent the use of the titration/maintenance functionality on all controlled substance prescriptions. |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Steps | Actions and Expected Results | | Pass | Fail |
|  | **Actions** | |  |  |
| Log into your local vista instance. | |  |  |
| **Expected Results** | |
| User will be taken to the access/verify code prompts. | |
|  | **Actions** |  |  |  |
| Enter your access/verify code(s). | |
| **Expected Results** | |
| User is taken to the default menu prompt. | |
|  | **Actions** | |  |  |
| Navigate to the menu option ‘Pharmacist Menu’ [PSO USER1] | |
| **Expected Results** | |
| User is prompted for ‘Division’. | |
|  | **Actions** | |
| When prompted for ‘Division’, select the division associated with your pharmacy system. | |
| **Expected Results** | |
| User is taken to the next prompt. | |
|  | **Actions** | |  |  |
| When prompted to ‘Select Label printer’, press <return> | |
| **Expected Results** | |
| User is taken to the next prompt. | |
|  | **Actions** | |  |  |
| When prompted ‘Right Margin’, press <return> | |
| **Expected Results** | |
| User is taken to the next prompt | |
|  | **Actions** | |  |  |
| If prompted ‘OK to assume label alignment is correct’, press <return> | |
| **Expected Results** | |
| User is taken to the next prompt. | |
|  | **Actions** | |  |  |
| When prompted ‘Bingo Board Display:”, press <return> | |
| **Expected Results** | |
| User is taken to the next menu list for outpatient pharmacy. | |  |  |
|  | **Actions** | |  |  |
| Choose ‘Rx (Prescriptions)’ | |
| **Expected Results** | |
| User may be prompted for order summary. | |
|  | **Actions** | |  |  |
| When prompted ‘Do you want an order Summary’, press <return> | |
| **Expected Results** | |
| The next outpatient pharmacy menu is displayed to the user. | |
|  | **Actions** | |  |  |
| Choose ‘Patient Prescription Processing’ | |
| **Expected Results** | |
| User is taken to the next prompt. | |
|  | **Actions** | |  |  |
| When prompted ‘Select PATIENT:’, enter the name of the patient. | |
| **Expected Results** | |
| Patient is selected and user is taken to the next prompt. | |
|  | **Actions** | |
| If prompted ‘Enter <RETURN> to continue.’, press <return> | |
| **Expected Results** | |
| User is taken to the next prompt. | |
|  | **Actions** | |  |  |
| When prompted ‘Would you like to query prescriptions from other OneVA Pharmacy locations? YES//’, answer ‘YES’. | |
| **Expected Results** | |
| HDR query is made to gather OneVA pharmacy prescriptions. No error messages should be returned. | |
|  | **Actions** | |  |  |
| When prompted ‘Display Remote Data? N//’, answer ‘NO’. | |
| **Expected Results** | |
| User is taken to the next step/prompt. | |
|  | **Actions** | |  |  |
| If prompted for ‘RX PATIENT STATUS’, press <return> if there is a default. Select a valid eligibility if none currently exist. | |
| **Expected Results** | |
| User will be taking to the patient profile, where Eligibility, Disabilities and other information is displayed. | |
|  | **Actions** | |  |  |
| Press <return> until you reach the medication list. | |
| **Expected Results** | |
| User will be taken to the medication list.  **Medication Profile** Nov 16, 2017@12:21 Page: 1 of 1  TEST,ONEICN  PID: 107-87-4562 Ht(cm): \_\_\_\_\_\_\_ (\_\_\_\_\_\_)  DOB: MAY 5,1985 (32) Wt(kg): \_\_\_\_\_\_\_ (\_\_\_\_\_\_)  SEX: MALE  CrCL: <Not Found> BSA (m2): \_\_\_\_\_\_\_  ISSUE LAST REF DAY  # RX # DRUG QTY ST DATE FILL REM SUP    -------------------------------------ACTIVE-------------------------------------  1 2719142 ACETAMINOPHEN 325MG TAB 30 A> 11-15 11-15 11 30  2 800158636 ACYCLOVIR 800MG TAB 3 S> 11-13 11-16 0 30  3 800158635 CODEINE 30MG TAB 5 A 11-09 11-09 0 5  4 2719139$ DIAZEPAM 2MG TABLET 30 A> 11-09 11-09 5 30  5 2719141 LORAZEPAM 1MG TAB 57 A> 11-13 11-13 5 30  6 2719143 NIACIN 100MG TAB 30 A 11-15 11-15 11 30  7 2719115t SIMVASTATIN 10MG TAB 29 A> 10-27 10-27 11 30  Enter ?? for more actions  PU Patient Record Update NO New Order  PI Patient Information SO Select Order  Select Action: Quit// | |
|  | **Actions** | |  |  |
| Select the ‘controlled substance’ prescription from the list of prescriptions that meets the pre-condition for this tests case. This can be done by selecting the number, or using ‘SO’ then entering the number of the prescription. Alternatively, you may select the number, and press <return>.  Select Action: Quit//5 press <return> | |
| **Expected Results** | |
| **OP Medications (ACTIVE)** Nov 16, 2017@12:26:40 Page: 1 of 4  TEST,ONEICN  PID: 107-87-4562 Ht(cm): \_\_\_\_\_\_\_ (\_\_\_\_\_\_)  DOB: MAY 5,1985 (32) Wt(kg): \_\_\_\_\_\_\_ (\_\_\_\_\_\_)  SEX: MALE  CrCL: <Not Found> BSA (m2): \_\_\_\_\_\_\_    Rx #: 2719141  (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  \*Duration: 3 (DAYS)  \*Conjunction: THEN  + Enter ?? for more actions  DC (Discontinue) PR Partial RL Release  ED (Edit) RF Refill RN Renew  Select Action: Next Screen// | |
|  | **Actions** | |  |  |
| Attempt to TM that not available in selections displayed  Select Action: Next Screen// TM | |
| **Expected Results** | |
| Remains on the same screen and under Conjunction ‘Cannot mark controlled substances as Titration.” message should be displayed.  **OP Medications (ACTIVE)** Nov 16, 2017@12:30:58 Page: 1 of 4  TEST,ONEICN  PID: 107-87-4562 Ht(cm): \_\_\_\_\_\_\_ (\_\_\_\_\_\_)  DOB: MAY 5,1985 (32) Wt(kg): \_\_\_\_\_\_\_ (\_\_\_\_\_\_)  SEX: MALE  CrCL: <Not Found> BSA (m2): \_\_\_\_\_\_\_    Rx #: 2719141  (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  \*Duration: 3 (DAYS)  \*Conjunction: THEN  + **Cannot mark controlled substances as** **Titration**.  DC (Discontinue) PR Partial RL Release  ED (Edit) RF Refill RN Renew  Select Action: Next Screen// | |
|  | |

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 |