Department of Veterans Affairs

Clinical Ancillary Services (CAS)

**Sprint-1**

Test Case: CAS\_MPDU\_TC\_002



CLIN# 0004AE

August 2017

Version 1.0

Revision History

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

Template Revision History

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| --- | --- | --- | --- |
| 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 |

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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 software 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 prevent the processing of prescription refills if they are requested "too soon" after the last refill so that prescriptions are not over-distributed. Prescriptions are not auto-suspended.

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 allow a Pharmacist to process prescription refills if they are requested during the eligible period after the last refill so that prescriptions are distributed properly and not auto-suspended.

# 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.

|  |  |
| --- | --- |
| Field | Description |
| Test Case ID: | CAS\_TC\_002 |
| RTC ID: | 554325 |
| RM ID: | 920988 |
| QM ID: | 154288 |
| Tester: | Joe McGovern |
| Environment: | CHYSHR, DAYTSHR |
| Build : | CAS PSO\_7\_497\_20170803A.KID |
| Use Case Name: | OneVA Pharmacy functionality to fix the auto-suspend |
| Scenario: | As a VA Pharmacist, I need the OneVA Pharmacy software Outpatient Pharmacy Prescription Processing to allow a Pharmacist to process prescription refills if they are requested during the eligible period after the last refill so that prescriptions are distributed properly and not auto-suspended.  This test case will allow prescription to be refilled given proper date range for refill. |
| 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 an issue date in the past, at least one refill, and a gap of more than the days supply since the last refill. |
| Post-Condition | Upon entry of valid access and verify codes on OutPatient Pharmacy Prescription Processing system and processing the request for prescription refill will be completed. |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Steps | Actions and Expected Results | | Pass | Fail |
|  | **Actions** | |  |  |
| Log into the ‘HOST’ system CHYSHR . | |  |  |
| **Expected Results** | |
| The ‘HOST’ system will be the system that ‘owns’ the prescription, or where the prescription was originally written. | |
|  | **Actions** |  |  |  |
| Enter your access/verify code(s). | |
| **Expected Results** | |
| User is taken to the default menu prompt. | |
|  | **Actions** | |  |  |
| Choose Option ‘PSO USER1’ | |
| **Expected Results** | |
| User is taken to the default menu prompt. | |
|  | **Actions** | |
| When prompted for ‘Division’, select the division associated with the OneVa pharmacy instance. | |
| **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** | |  |  |
| When prompted ‘Would you like to query prescriptions’, 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’, 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. | |
|  | **Actions** | |  |  |
| Find a different prescription from the list of prescriptions on the ‘dispensing’ site. This would be a prescription that does not have a recent fill at the ‘host’ site. | |
| **Expected Results** | |
| A good example would be a prescription with a last filled date of more than today minus day’s supply in the past (possibly 30 or 60). | |
|  | **Actions** | |  |  |
| Attempt a refill a different prescription using PSO LM BACKDOOR ORDERS | |
| **Expected Results** | |
| Medication Profile Aug 04, 2017@10:43:33 Page: 1 of 2  ZZTEST,PATIENT  PID: XXXXXXXXXXX Ht(cm): \_\_\_\_\_\_\_ (\_\_\_\_\_\_)  DOB: JAN 1,1960 (57) Wt(kg): \_\_\_\_\_\_\_ (\_\_\_\_\_\_)  SEX: FEMALE  CrCL: <Not Found> BSA (m2): \_\_\_\_\_\_\_  ISSUE LAST REF DAY  # RX # DRUG QTY ST DATE FILL REM SUP  +  --------------------------CHYSHR TEST LAB (983) ACTIVE--------------------------  8 10000340 AMPICILLIN 250MG CAP 30 A 01-19 08-03 8 30  9 763003 IBUPROFEN 600MG TAB 30 A 04-01 04-01 11 30  10 10000334 NIACIN 250MG TAB 30 A 01-03 02-10 10 30  11 763005 PSEUDO 60/TRIPROLIDINE 2.5MG TAB 30 A 06-07 06-07 11 30  12 10000336 TACROLIMUS 0.5MG CAP 60 A 02-06 08-03 9 30  -----------------------CHYSHR TEST LAB (983) DISCONTINUED-----------------------  13 763001 ACETAMINOPHEN 325MG TAB 30 DC 12-19 02-28 9 30  -------------------------CHYSHR TEST LAB (983) EXPIRED--------------------------  14 763006 ARIPIPRAZOLE 20MG TAB 30 E 06-07 06-07 0 30  + Enter ?? for more actions  PU Patient Record Update NO New Order  PI Patient Information SO Select Order | |
|  | **Actions** | |  |  |
| Select Action: Next Screen// 8 CHOOSE THE PRESCRIPTION NUMBER THAT you wish to refill  Medication Profile Aug 04, 2017@10:43:33 Page: 1 of 2  ZZTEST,PATIENT  PID: XXXXXXXXXXX Ht(cm): \_\_\_\_\_\_\_ (\_\_\_\_\_\_)  DOB: JAN 1,1960 (57) Wt(kg): \_\_\_\_\_\_\_ (\_\_\_\_\_\_)  SEX: FEMALE  CrCL: <Not Found> BSA (m2): \_\_\_\_\_\_\_  ISSUE LAST REF DAY  # RX # DRUG QTY ST DATE FILL REM SUP  +  --------------------------CHYSHR TEST LAB (983) ACTIVE--------------------------  8 10000340 AMPICILLIN 250MG CAP 30 A 01-19 08-03 8 30  9 763003 IBUPROFEN 600MG TAB 30 A 04-01 04-01 11 30  10 10000334 NIACIN 250MG TAB 30 A 01-03 02-10 10 30  11 763005 PSEUDO 60/TRIPROLIDINE 2.5MG TAB 30 A 06-07 06-07 11 30  12 10000336 TACROLIMUS 0.5MG CAP 60 A 02-06 08-03 9 30  -----------------------CHYSHR TEST LAB (983) DISCONTINUED-----------------------  13 763001 ACETAMINOPHEN 325MG TAB 30 DC 12-19 02-28 9 30  -------------------------CHYSHR TEST LAB (983) EXPIRED--------------------------  14 763006 ARIPIPRAZOLE 20MG TAB 30 E 06-07 06-07 0 30  + Enter ?? for more actions  PU Patient Record Update NO New Order  PI Patient Information SO Select Order  Select Action: Next Screen// 9 | |
| **Expected Results** | |
| Select Action: Next Screen// 9  Select Action: Next Screen// 9  REMOTE OP Medications (ACTIVE)Aug 04, 2017@10:43:36 Page: 1 of 1  ZZTEST,PATIENT  PID: XXXXXXXXXXX Ht(cm): \_\_\_\_\_\_\_ (\_\_\_\_\_\_)  DOB: JAN 1,1960 (57) Wt(kg): \_\_\_\_\_\_\_ (\_\_\_\_\_\_)  SEX: FEMALE  CrCL: <Not Found> BSA (m2): \_\_\_\_\_\_\_    Site #: 983(CHYSHR TEST LAB)  Rx #: 763003  Drug Name: IBUPROFEN 600MG TAB  Days Supply: 30  Quantity: 30  Refills: 11  Expiration Date: 04/02/18  Issue Date: 04/01/17  Stop Date: 04/02/18  Last Fill Date: 04/01/17  Sig: TAKE ONE TABLET BY MOUTH EVERY MORNING | |
|  | **Actions** | |  |  |
| Select Action: Quit// RF Refill Rx from Another VA Pharmacy CHOOSE REFILL | |
| **Expected Results** | |
| REMOTE OP Medications (ACTIVE)Aug 04, 2017@10:43:36 Page: 1 of 1  TEST,HERRING  PID: 111-11-4433 Ht(cm): \_\_\_\_\_\_\_ (\_\_\_\_\_\_)  DOB: JAN 1,1960 (57) Wt(kg): \_\_\_\_\_\_\_ (\_\_\_\_\_\_)  SEX: FEMALE  CrCL: <Not Found> BSA (m2): \_\_\_\_\_\_\_    Site #: 983(CHYSHR TEST LAB)  Rx #: 763003  Drug Name: IBUPROFEN 600MG TAB  Days Supply: 30  Quantity: 30  Refills: 11  Expiration Date: 04/02/18  Issue Date: 04/01/17  Stop Date: 04/02/18  Last Fill Date: 04/01/17  Sig: TAKE ONE TABLET BY MOUTH EVERY MORNING  Enter ?? for more actions  RF Refill Rx from Another VA Pharmacy PR Partial  Select Action: Quit// RF Refill Rx from Another VA Pharmacy | |
|  | **Actions** | |  |  |
| Would you like to use the system matched drug for this  refill/partial fill? NO// YES  IF THERE IS NO LOCAL MATCHING DRUG, YOU WILL NOT BE ABLE TO REFILL THIS PRESCRIPTION AND WILL NEED TO LOCATE A NEW ONE. | |
| **Expected Results** | |
|  | Remote site drug name: IBUPROFEN 600MG TAB  Matching Drug Found for Dispensing: IBUPROFEN 600MG TAB  Would you like to use the system matched drug for this  refill/partial fill? NO// YES  Processing refill request. Please be patient as it may take a moment  for the host site to respond and generate your label data...  TRANSACTION SUCCESSFUL... The refill for RX #763003 has been recorded on the prescription at the host system.  Select a printer to generate the label or '^' to bypass printing.  QUEUE TO PRINT ON  DEVICE: <printer status pending - Bypass  Previously, you have selected queueing.  Do you STILL want your output QUEUED? Yes//  DEVICE: ^  Rx # 763003 refilled.  Press RETURN to continue: | |  |  |

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 |