White Pinnacle

ITERATION 7 TEST CASE

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# Case Setup

## Case Scenario

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S/N | Functionality | Description | Test Inputs | Test Procedure | Expected Results | Actual Results | Pass/ Fail | Remarks |
| 1 | Case Setup - State V2 | Ensure that case name is filled up before case is created |  | Fill in case name | Error should be shown if case name is not filled up | Error should be shown if case name is not filled up | Pass |  |
| 2 | Case Setup - State V2 | Ensure that case description is filled up before case is created |  | Fill in case description | Error should be shown if description is not filled up | Error should be shown if description is not filled up | Pass |  |
| 3 | Case Setup - State V2 | Ensure that admission information is filled up before case is created |  | Fill in admission information | Error should be shown if admission information is not filled up | Error should be shown if admission information is not filled up | Pass |  |
| 4 | Case Setup - State V2 | Ensure that patient's NRIC is filled up according to the right format before case is created |  | Fill in patient's NRIC | Error should be shown if patient's information is not filled up | Error should be shown if patient's information is not filled up | Pass |  |
| 5 | Case Setup - State V2 | Ensure that patient's first name is filled up before case is created |  | Fill in patient's first name | Error should be shown if patient's first name is not filled up | Error should be shown if patient's first name is not filled up | Pass |  |
| 6 | Case Setup - State V2 | Ensure that last name is filled up before case is created |  | Fill in patient's last name | Error should be shown if patient's last name is not filled up | Error should be shown if patient's last name is not filled up | Pass |  |
| 7 | Case Setup - State V2 | Ensure that date of birth is filled up before case is created |  | Fill in patient's date of birth | Error should be shown if patient's date of birth is not filled up | Error should be shown if patient's date of birth is not filled up | Pass |  |
| 8 | Case Setup - State V2 | Ensure that allergy is filled up before case is created |  | Fill in patient's allergy | Error should be shown if patient's allergy is not filled up | Error should be shown if patient's allergy is not filled up | Pass |  |
| 9 | Case Setup - State V2 | Ensure that user selects the gender of the patient before case is created |  | Select the patient's gender | Error should be shown if patient's gender is not filled up | Error should be shown if patient's gender is not filled up | Pass |  |
| 10 | Case Setup - State V2 | Ensure that if the user keys in the temperature, it is validated according ot the correct range |  | Fill in temperature | Error should be shown if temperature is of the wrong range | Error should be shown if temperature is of the wrong range | Pass |  |
| 11 | Case Setup - State V3 | Ensure that if the user keys in the respiratory rate, it is validated according ot the correct range |  | Fill in respiratory rate | Error should be shown if respiratory rate is of the wrong range | Error should be shown if respiratory rate is of the wrong range | Pass |  |
| 12 | Case Setup - State V4 | Ensure that if the user keys in the heart rate it is validated according ot the correct range |  | Fill in heart rate | Error should be shown if heart rate is of the wrong range | Error should be shown if heart rate is of the wrong range | Pass |  |
| 13 | Case Setup - State V5 | Ensure that if the user keys in the blood pressure (systolic) it is validated according ot the correct range |  | Fill in blood pressure systolic | Error should be shown if blood pressure systolic is of the wrong range | Error should be shown if blood pressure systolic is of the wrong range | Pass |  |
| 14 | Case Setup - State V6 | Ensure that if the user keys in the blood pressure (diastolic) it is validated according ot the correct range |  | Fill in blood pressure diastolic | Error should be shown if blood pressure diastolic is of the wrong range | Error should be shown if blood pressure diastolic is of the wrong range | Pass |  |
| 15 | Case Setup - State V7 | Ensure that if the user keys in the spO2 it is validated according ot the correct range |  | Fill in spo2 | Error should be shown if spo2 is of the wrong range | Error should be shown if spo2 is of the wrong range | Pass |  |

## State

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S/N | Functionality | Description | Test Inputs | Test Procedure | Expected Results | Actual Results | Pass/ Fail | Remarks |
| 1 | Case Setup - State V2 | Ensure that state description is filled before user can create state |  | Fill in state description | User should be asked to fill up the state description in order to create state | User should be asked to fill up the state description in order to create state | Pass |  |
| 2 | Case Setup - State V3 | Ensure that states created are displayed |  |  | State created should be displayed at the bottom | State created should be displayed at the bottom | Pass |  |
| 3 | Case Setup - State V4 | Ensure that if states are created successfully, success message is shown |  |  | success message should be shown if state creation is successful | success message should be shown if state creation is successful | Pass |  |
| 4 | Case Setup - State V5 | Ensure that if there is an error creating the state, an error message is shown |  |  | error message should be down if state creation is not successful | error message should be down if state creation is not successful | Pass |  |

## Medication

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S/N | Functionality | Description | Test Inputs | Test Procedure | Expected Results | Actual Results | Pass/ Fail | Remarks |
| 1 | Case Setup - Medication | Ensure that all state are populated in the state dropdown list |  | Select state | User should be asked to select state | User should be asked to select state | Pass |  |
| 2 | Case Setup - Medication | Ensure that all medicine names are populated in the drop down list |  | select medicine | User should be asked to select medicine | User should be asked to select medicine | Pass |  |
| 3 | Case Setup - Medication | Ensure that all routes are populated in the dropdown list |  | select routes | User should be asked to select route | User should be asked to select route | Pass |  |
| 4 | Case Setup - Medication | Ensure that all types of frequency are populated in the drop down list |  | select frequency | User should be asked to select frequency | User should be asked to select frequency | Pass |  |
| 5 | Case Setup - Medication | Ensure that doctor's name is not left blank before creaing medicine |  | enter doctor's name | User should be asked to enter doctor's name | User should be asked to enter doctor's name | Pass |  |
| 6 | Case Setup - Medication | Ensure that doctor's order is not left blank before creaing medicine |  | enter doctor's order | User should be asked to enter doctor's order | User should be asked to enter doctor's order | Pass |  |
| 7 | Case Setup - Medication | Ensure that dosage is not left blank before creaing medicine |  | enter the dosage | User should be asked to enter the dosage | User should be asked to enter the dosage | Pass |  |
| 8 | Case Setup - Medication | Ensure that when the "Create medication" button is clicked, medicine is created successfully |  | click create medication button | success message should be shown | success message should be shown | Pass |  |
| 9 | Case Setup - Medication | Ensure that if the medicine is not created successfully, error message is shown |  | click create medication button | error message should be shown | error message should be shown | Pass |  |
| 10 | Case Setup - Medication | Ensure that medicine name is entered before medicine is created |  | enter medicine name | user should be asked to enter medicine name in order to create medicine | user should be asked to enter medicine name in order to create medicine | Pass |  |
| 11 | Case Setup - Medication | ensure that medicine barcode is entered before medicine is created |  | enter medicine barcode | user should be asked to enter medicine barcode in order to create medicine | user should be asked to enter medicine barcode in order to create medicine | Pass |  |
| 12 | Case Setup - Medication | ensure that route is selected before medicine is created |  | select medicine route | user should be asked to select medicine route in order to create route | user should be asked to select medicine route in order to create route | Pass |  |
| 13 | Case Setup - Medication | ensure that the newly added medicine is populated into the drop down list |  |  | medicine created should be populated in the drop down list for user to select | medicine created should be populated in the drop down list for user to select | Pass |  |

## Report

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S/N | Functionality | Description | Test Inputs | Test Procedure | Expected Results | Actual Results | Pass/ Fail | Remarks |
| 1 | Case Setup - Report | Ensure that user selects the state which the report should be tagged to |  | Select state | State should be selected in order to upload the report | State should be selected in order to upload the report | Pass |  |
| 2 | Case Setup - Report | Ensure that report name is filled in before report can be uploaded |  | enter report name | report name should be filled in order to upload the report | report name should be filled in order to upload the report | Pass |  |
| 3 | Case Setup - Report | Ensure that user browse a file to upload a report |  | Browse file | file need to be selected in order to upload the report | file need to be selected in order to upload the report | Pass |  |
| 4 | Case Setup - Report | Ensure that the report uploaded is for the correct state |  |  | document uploaded should be for the state | document uploaded should be for the state | Pass |  |
| 5 | Case Setup - Report | Ensure that the report name is for the correct file uploaded |  |  | document and report name should tally | document and report name should tally | Pass |  |
| 6 | Case Setup - Report | Ensure that the file uploaded is for the correct case |  |  | document uploaded should be for the correct scenario | document uploaded should be for the correct scenario | Pass |  |
| 7 | Case Setup - Report | Ensure that when the "Upload report" button is clicked, report should be uploaded successfully with success message |  |  | success message should be shown | success message should be shown | Pass |  |
| 8 | Case Setup - Report | Ensure that if the report is not uploaded successfully, error message is shown |  |  | error message should be shown | error message should be shown | Pass |  |

## Documents

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S/N | Functionality | Description | Test Inputs | Test Procedure | Expected Results | Actual Results | Pass/ Fail | Remarks |
| 1 | Case Setup - Documents | Ensure that document name is filled in before user can upload a document |  | enter document name | document name should be filled in order to upload document | document name should be filled in order to upload document | Pass |  |
| 2 | Case Setup - Documents | Ensure that user browse a file to upload before clicking the upload button |  | select document | file should be selected in order to upload document | file should be selected in order to upload document | Pass |  |
| 3 | Case Setup - Documents | Ensure that when user click the upload document button, it is uploaded successfully with success message |  |  | success message should be shown | success message should be shown | Pass |  |
| 4 | Case Setup - Documents | Ensure that if there is an error in uploading the document, an error message is shown |  |  | error message should be shown | error message should be shown | Pass |  |

# Case Management

## Reset all

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S/N | Functionality | Description | Test Inputs | Test Procedure | Expected Results | Actual Results | Pass/ Fail | Remarks |
| 1 | Case Management - ResetDefault | User should be able to clear all notes when reset button is clicked |  | 1. Click on "Reset all" button | All notes should be removed from the database | All notes should be removed from the database | Pass |  |
| 2 | Case Management - ResetDefault | User should be able to clear all medication history when reset button is clicked |  | 1. Click on "Reset all" button | All medication should be removed from the database | All medication should be removed from the database | Pass |  |
| 3 | Case Management - ResetDefault | User should be able to clear all vital signs (except initial vital signs) when rest button is clicked |  | 1. Click on "Reset all" button | All vitals (except initial vital signs) should be removed from the database | All vitals (except initial vital signs) should be removed from the database | Pass |  |
| 4 | Case Management - ResetDefault | User should reset all reports to initial state when reset button is clicked |  | 1. Click on "Reset all" button | All reports should be reset to initial state | All reports should be reset to initial state | Pass |  |
| 5 | Case Management - ResetDefault | State history should be cleared when reset all button is clicked |  | 1. Click on "Reset all" button | All records form the state history table should be removed | All records form the state history table should be removed | Pass |  |
| 6 | Case Management - ResetDefault | All scenarios should be deactivated when the reset all button is clicked |  | 1. Click on "Reset all" button | All scenarios should be deactivated | All scenarios should be deactivated | Pass |  |
| 7 | Case Management - ResetDefault | All states should be deactivated when the reset all button is clicked |  | 1. Click on "Reset all" button | All states should be deactivated | All states should be deactivated | Pass |  |

## Reset each case

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S/N | Functionality | Description | Test Inputs | Test Procedure | Expected Results | Actual Results | Pass/ Fail | Remarks |
| 1 | Case Management - ResetEachCase | Ensure that reports are reset back to initial state |  | Click reset button for the particular case | Report for initial state should be set to 0 |  | Pass |  |
| 2 | Case Management - ResetEachCase | Ensure that vital signs are reset into initial state |  | Click reset button for the particular case | Vital signs entered for the case should be deleted from the vitals table. Initial state vitals should remain in the table | Vital signs are not deleted | Fail |  |
| 3 | Case Management - ResetEachCase | Ensure that student's notes will not be deleted |  | Click reset button for the particular case | All notes for the case should **not** be deleted | All notes for the case should **not** be deleted | Pass |  |
| 4 | Case Management - ResetEachCase | Ensure state is reset to state 0 |  | Click reset button for the particular case | Case state should be set to 0 upon reset | Case state should be set to 0 upon reset | Pass |  |
| 5 | Case Management - ResetEachCase | Ensure that medication history is reset |  | Click reset button for the particular case | Information inside medical history should be deleted | Medical history not deleted | Fail |  |
| 6 | Case Management - ResetEachCase | Ensure that all other cases are not affected |  | Click reset button for the particular case | Ensure that information for other cases are not deleted | Ensure that information for other cases are not deleted | Pass |  |