White Pinnacle

ITERATION 7 TEST CASE

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# Case Setup

## Case Scenario

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

## 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 | State 0 won’t be show because the physical case itself no “state 0- default state”, to avoid confusing the user. |
| 2 | Case Setup - State V2 | Ensure that states created are displayed |  | Fill in state description and healthcare provider’s order | State created should be displayed at the bottom | State created should be displayed at the bottom | Pass |  |
| 3 | Case Setup - State V2 | 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 V2 | Ensure that healthcare provider’s order do not need to be filled up before creating state |  | Leave healthcare provider’s order blank | User should be able to create a state |  | 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 state are populated in the state dropdown list |  | Select discontinue state | User should be asked to discontinue stake | User should be asked to discontinue stake | Pass | Added this |
| 3 | 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 |  |
| 4 | 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 |  |
| 5 | 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 |  |
| 6 | Case Setup - Medication | Ensure that doctor's name is not left blank before creating medicine |  | enter doctor's name | User should be asked to enter doctor's name | User should be asked to enter doctor's name | Pass |  |
| 7 | Case Setup - Medication | Ensure that doctor's order is not left blank before creating medicine |  | enter doctor's order | User should be asked to enter doctor's order | User should be asked to enter doctor's order | Pass |  |
| 8 | Case Setup - Medication | Ensure that dosage is not left blank before creating medicine |  | enter the dosage | User should be asked to enter the dosage | User should be asked to enter the dosage | 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 under medication created |  |  | 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 |  |  | Report uploaded should be for the state | Report uploaded should be for the state | Pass | Because the codes are working only locally, deploy version need change path. So shi qi say, debug that time then she change the path. |
| 5 | Case Setup - Report | Ensure that the report name is for the correct file uploaded |  |  | Report and report name should tally | Report and report name should tally | Pass | Same reason as above |
| 6 | Case Setup - Report | Ensure that the file uploaded is for the correct case |  |  | Report uploaded should be for the correct scenario | Report uploaded should be for the correct scenario | Pass | Same reason as above |
| 7 | Case Setup - Report | Ensure that when the "Upload report" button is clicked, report should be uploaded successfully with success message |  |  | Should appear in the current report table for display | Should appear in the current report table for display | Pass | Same reason as above |
| 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 | No error message shown, but the table header will appear |
| 9 | Case setup- report | Ensure that page redirects to admin homepage |  |  | Page would redirect to admin homepage | Page would redirect to admin homepage | 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 |  |  | Should appear in the current document table for display | Should appear in the current document table for display | Pass | Because the codes are working only locally, deploy version need change path. So shi qi say, debug that time then she change the path. |
| 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 | No error message shown, but the table header will appear |
| 9 | Case setup- Documents | Ensure that page redirects to admin homepage |  |  | Page would redirect to admin homepage | Page would redirect to admin homepage | Pass | Added this |

# Case Management

## 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 | 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 entered for the case should be deleted from the vitals table. Initial state vitals should remain in the table | Pass |  |
| 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 | Information inside medical history should be deleted | Pass |  |
| 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 |  |

## 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 history should be removed from the database | All medication history 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 | 1.) Never reset reports’s state. Should reset according to initialReport.  Firstly, RESET all to 0.  Then if initialReport = 1, then change it to 1  If initialReport =0, then change it to 0.  2.) NOT supposed to delete all the reports that are not of state 0.  E.g.) Sc6, ST2 is deleted because it is not state 0, should remain but dispatchstatus = 0. |
| 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 |  |