White Pinnacle

ITERATION 6 TEST CASE

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# Case Setup

## Create case

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S/N | Functionality | Description | Test Inputs | Test Procedure | Expected Results | Actual Results | Pass/ Fail | Remarks |
| 1 | Case Setup - Create Case | Ensure that all required fields are filled before going to the next page | *Refer to Case set up information Table* | 1. Fill in all fields  2. Click on the continue button | User should be brought to the next page to enter information for state | Error message prompted “Please enter a case name.” when input “TestIter6” | Fail | Unable to proceed when case name has number. Message was not clear that case name should be in alphabets only |
| 2 | Case Setup - Create Case | Ensure that all information are filled in with the correct data types | *Refer to Case set up information Table* | 1. Fill in all fields  2. Click on the continue button | User should be brought to the next page to enter information for state | User should be brought to the next page to enter information for state | Pass |  |
| 3 | Case Setup - Create Case | Ensure that user will not be able to create the case with information of the wrong data types | *Refer to Case set up information Table* | 1. Fill in all fields  2. Click on the continue button | User should be prompted with an error message | User should be prompted with an error message | Pass |  |
| 4 | Case Setup - Create Case | Ensure that patient NRIC is valid | S9876543Q | 1. Fill in all fields  2. Click on the continue button | User should be prompted with an error message if NRIC is invalid | User should be prompted with an error message if NRIC is invalid | Pass |  |
| 5 | Case Setup - Create Case | Ensure tht the patient's date of birth is in the correct format | 11-12-04 | 1. Fill in all fields  2. Click on the continue button | User should be prompted with an error message if date of birth is in the incorrect format | User should be prompted with an error message if date of birth is in the incorrect format | Pass |  |
| 6 | Case Setup - Create Case | Ensure that only one radio button for gender is selected | NA | 1. Fill in all fields  2. Click on the continue button | User should be prompted with an error message if none or both of the radio buttons are selected | User should be prompted with an error message if none or both of the radio buttons are selected | Pass |  |
| 7 | Case Setup - Create Case | Ensure that temperature entered is a valid number | Valid: 33 Invalid: 10000 | 1. Fill in all fields  2. Click on the continue button | User should be prompted with an error message | User should be prompted with an error message | Pass |  |
| 8 | Case Setup - Create Case | Ensure that respiratory rate only has 2 digits | Valid: 44 Invalid: 444 | 1. Fill in all fields  2. Click on the continue button | User should be prompted with an error message | User should be prompted with an error message | Pass | Unable to key in 3 numbers. Can input >60 for invalid test |
| 9 | Case Setup - Create Case | Ensure that heart rate is within the range of 0-200 | Valid: 199 Invalid: 1234 | 1. Fill in all fields  2. Click on the continue button | User should be prompted with an error message | User should be prompted with an error message | Pass |  |
| 10 | Case Setup - Create Case | Ensure that Blood Pressure (Systolic) is between 2-3 digits | Valid: 23 Invalid: 12312 | 1. Fill in all fields  2. Click on the continue button | User should be prompted with an error message | User should be prompted with an error message | Pass | Unable to key in more than 3 numbers. Can input >300 for invalid test |
| 11 | Case Setup - Create Case | Ensure that Blood Pressure (Diastolic) is between 2-3 digits | Valid: 33 Invalid: 10000 | 1. Fill in all fields  2. Click on the continue button | User should be prompted with an error message | User should be prompted with an error message | Pass | Unable to key in more than 3 numbers. Can input >200 for invalid test |
| 12 | Case Setup - Create Case | Ensure that SPO is between 0-100% | Valid: 39 Invalid: 23134 | 1. Fill in all fields  2. Click on the continue button | User should be prompted with an error message | User should be prompted with an error message | Pass | Unable to key in more than 3 numbers. Can input >100 for invalid test |

## Create State

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S/N | Functionality | Description | Test Inputs | Test Procedure | Expected Results | Actual Results | Pass/ Fail | Remarks |
| 1 | Case Setup - Create State Part1 | Ensure that all state description is not empty | State description: Testing 123 | 1. Enter state description 2. Click create state button | User should be prompted error if description textbox is left empty | User should be prompted error if description textbox is left empty | Pass |  |
| 2 | Case Setup - Create State Part1 | Ensure that the correct description is entered for the correct state | State: 1 Description: Testing 321 | 1. Enter state description | Text "Testing 321" should be added as description for state 1 | Text "Testing 321" should be added as description for state 1 | Pass |  |
| 3 | Case Setup - Create State Part1 | Ensure that state can be created | State: 1 Description: Testing 321 | 1. Enter state description 2. Click create state button | State should be created successfully | State should be created successfully | Pass |  |
| 4 | Case Setup - Create State Part1 | Ensure that state description is not empty | Scenario testing 123 | 1. Enter scenario description 2. Click on create state button | Information should be sent entered successfully | Information should be sent entered successfully | Pass |  |
| 5 | Case Setup - Create State Part1 | Ensure that lecturer portal can see the newly created case | - | 1. Enter scenario description 2. Click on create state button | user should be able to see the newly created case in the lecturer portal | user should be able to see the newly created case in the lecturer portal | Pass |  |
| 6 | Case Setup - Create State Part1 | Ensure that the admin can view the newly created case in the case management page | - | 1. Enter scenario description 2. Click on create state button | user should be able to see the newly created case in the case management page | user should be able to see the newly created case in the case management page | Pass |  |

# View Ward Information

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S/N | Functionality | Description | Test Inputs | Test Procedure | Expected Results | Actual Results | Pass/ Fail | Remarks |
| 1 | View Ward Information | Ensure that students can see the respective wards | - | 1. Sign in as a student | User should see the visualization of wards in upon logging in | User should see the visualization of wards in upon logging in | Pass |  |
| 2 | View Ward Information | Ensure that all beds (scenarios) are displayed in each ward | - | 1. Sign in as a student 2. Select a ward | Students should see beds created according to the number of scenarios created | Students should see beds created according to the number of scenarios created | Pass |  |
| 3 | View Ward Information | Ensure that only the activated case is linked | Activate case 1 | 1. Sign in as a student 2. Select a ward | User should only be able to click on the activated case bed (Bed 1) | User should only be able to click on the activated case bed (Bed 1) | Pass |  |
| 4 | View Ward Information | Ensure that the activated case is linked to the correct case | Activate case 1 | 1. Sign in as a student 2. Select a ward 3. Select bed 1 | Bed 1 should be linked to case 1 | Bed 1 should be linked to case 1 | Pass |  |
| 5 | View Ward Information | Ensure that if the case is not activated, the bed should not be linked | activate case 1 | 1. Click on Ward 1 2. Click on Bed | Bed 2 should not be linked | Bed 2 should not be linked | Pass |  |
| 6 | View Ward Information | Ensure that students can see the corect case information | Activate case 1 | 1. Click on Ward 1 2. Click on Bed 3. Students should see the correct case information | User should see case 1 information | User should see case 1 information | Pass |  |

# View Document

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S/N | Functionality | Description | Test Inputs | Test Procedure | Expected Results | Actual Results | Pass/ Fail | Remarks |
| 1 | View Document | Validate that user is able to view document | NA | 1. Click on Report name | Document should open up in a new tab | Document should open up in a new tab | Pass |  |
| 2 | View Document | Validate that user can only obtain the document once | Na | 1. Click on the obtain button | Action should be changed to "Obtained" and document should be populated in the document results column and obtain button is removed | Action should be changed to "Obtained" and document should be populated in the document results column and obtain button is removed | NA |  |
| 3 | View Document | Validate that there is time lapse after the document is obtained | Na | 1. Click on the obtain button | User should see page loading message | User should see page loading message | Pass |  |

# View Student’s Submission

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S/N | Functionality | Description | Test Inputs | Test Procedure | Expected Results | Actual Results | Pass/ Fail | Remarks |
| 1 | View Student's Submission | Ensure that lecturer can view student's multidisciplinary notes | - | 1. Log in to Lec 1 2. Click on view submission | Lec1 should only see the notes in the view submission tab | Empty | Fail | View submission is only based on activated scenario. |
| 2 | View Student's Submission | Ensure that the student's multidisciplinary notes are correct (all information) | - | 1. Log in to Lec 1 2. Click on view submission | Ensure that all information are presented to the user correctly | Empty | Fail |  |
| 3 | View Student's Submission | Ensure that lecturer can only view their own class's submission | - | 1. Log in to Lec 1 2. Click on view submission | Lec1 should only be able to view notes from classes he teach | Empty | Fail |  |
| 4 | View Student's Submission | Ensure that user can select and view notes from the various scenario |  | 1. Log in to Lec 1 2. Click on view submission  3. Select case scenario | User should be able to see multidisciplinary notes based on the scenario selected |  |  |  |

# Case Setup information Table

|  |  |
| --- | --- |
| Scenario Name | Scenario name case testing |
| **Case Information** | |
| Case description | This patient is a 76-year-old female whose chief complaint at her healthcare provider’s theatre was frequent indigestion and epigastric pain relieved by antacids. She also complained of rapid weight loss and feeling tired. After a series of tests, a biopsy was performed which confirmed stomach cancer. A partial gastrectomy was performed three days ago to remove the cancerous lesion. She is exhibiting signs of depression because of her recent diagnosis.  Health history: chronic gastritis, pernicious anaemia |
| Admission Information | In this simulated clinical experience, learners conduct a basic physical assessment of a three-day postoperative partial gastrectomy patient. The patient exhibits five abnormal assessment findings for learners to identify and/or document, including: absent bowel sounds, hypertension, irregular cardiac rhythm, an abdominal dressing, and oedema. The scenario has one continuous state. The simulated clinical experience also consists of a psychosocial element, which the instructor may elect to incorporate and is intended for the learner in Semester I. |
| **Patient’s Information** | |
| Patient NRIC | S1234567E |
| First Name | Kang |
| Last Name | Gary |
| Date of Birth | 12/29/1984 |
| Allergy | Seafood |
| Gender | Male |
| **Default Vital Signs** | |
| Temperature | 36 |
| Respiratory Rate | 65 |
| Heart Rate | 78 |
| Blood Pressure (Systolic) | 23 |
| Blood Pressure (Diastolic) | 45 |
| SPO | 87 |
| **Define States** | |
| Number of states | 3 |