**1. Test Cases for Manager**

**1.1 Test Cases for Manager Login and Edit**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **TEST CASE DESCRIPTION** | **INPUT** | **PASS CRITERIA** | **FAIL CRITERIA** |
| M\_REG | Manager Registration. | Manager Details. | All the details are provided accurately. | Invalid Data entered. |
| M\_LOGIN | Manager Login. | Manager Login Credentials. | Successful Login when valid credentials are entered. | Incorrect Credentials entered and respective pop up message is shown. |
| M\_CHG\_PASSWORD | Manager password update. | Manager updates password in the system. | New password is updated in the database successfully. | Passwords do not match or old password is incorrect and respective pop up message is shown. |

**1.2 Test Cases for managing home company information**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **TEST CASE DESCRIPTION** | **INPUT** | **PASS CRITERIA** | **FAIL CRITERIA** |
| M\_ADD\_COMPANY | Manager adds a new company. | Manager enters the General Information, statutory details and Bank details of the company. | Manager enters the correct company details and values for PIN number (6 digits), GSTIN (13 digits), PAN Number (10 characters), IFSC (11 characters) which are validated along with the other company data and stored successfully. | A respective pop up message is shown for all the encountered scenarios. |
| M\_EDIT\_COMPANY | Manager updates existing company details. | Manager updates the General Information, statutory details and Bank details of the company. | Manager updates the correct company details and values for PIN number (6 digits), GSTIN (13 digits), PAN Number (10 characters), IFSC (11 characters) which are validated along with the other company data and stored successfully. | A respective pop up message is shown for all the encountered scenarios. |

**1.3 Test Cases for Staff Details**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **TEST CASE DESCRIPTION** | **INPUT** | **PASS CRITERIA** | **FAIL CRITERIA** |
| M\_ADD\_STAFF | Manager adds staff details for staff account creation. | Manager Enters the relevant staff details. | Manager enters the relevant staff details correctly and in the right format which are validated and stored successfully. | A respective pop up message is shown for all the encountered scenarios. |
| M\_EDIT\_STAFF | Manager updates the Staff Details. | Manager Edits the selected Staff details. | Manager updates the relevant staff details correctly and in the right format which are validated and stored successfully in database. | A respective pop up message is shown for all the encountered scenarios. |
| M\_STAFF\_REPORT | Manager views Staff report. | Manager Action. | If Staff is created and the details are present, the relevant details are retrieved and displayed to the manager. | If staff details are absent then a pop up message with the relevant error is displayed. |

**1.4 Test Cases for Manager Report**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **TEST CASE DESCRIPTION** | **INPUT** | **PASS CRITERIA** | **FAIL CRITERIA** |
| M\_SALE\_REPORT | Manager views sale report. | Manager Action. | If sales are made and the details are present, the relevant graph is generated and displayed to the manager. | If sales are absent then a pop up message with the relevant error is displayed. |
| M\_PURCHASE\_REPORT | Manager views purchase report. | Manager Action. | If purchases are made and the details are present, the relevant graph is generated and displayed to the manager. | If purchases are absent then a pop up message with the relevant error is displayed. |

**2 Test Cases for CEO**

**2.1 Test Cases for Login and Edit**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **TEST CASE DESCRIPTION** | **INPUT** | **PASS CRITERIA** | **FAIL CRITERIA** |
| CEO\_REG | CEO Registration. | CEO Details. | All the details are provided accurately. | Invalid Data entered. |
| CEO\_LOGIN | CEO Login. | CEO Login Credentials. | Successful Login when valid credentials are entered. | Incorrect Credentials entered and respective pop up message is shown. |
| CEO\_CHG\_PASS | CEO password update. | CEO updates password in the system. | New password is updated in the database successfully. | Passwords do not match or old password is incorrect and respective pop up message is shown. |

**2.2 Test Cases for Report**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **TEST CASE DESCRIPTION** | **INPUT** | **PASS CRITERIA** | **FAIL CRITERIA** |
| C\_SALE\_REPORT | CEO views sale report. | CEO Action. | If sales are made and the details are present, the relevant graph is generated and displayed to the CEO. | If sales are absent then a pop up message with the relevant error is displayed. |
| C\_PURCHASE\_REPORT | CEO views purchase report. | CEO Action. | If purchases are made and the details are present, the relevant graph is generated and displayed to the CEO. | If purchases are absent then a pop up message with the relevant error is displayed. |

**3. Test Cases for Staff**

**3.1 Test Case for Login**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **TEST CASE DESCRIPTION** | **INPUT** | **PASS CRITERIA** | **FAIL CRITERIA** |
| S\_LOGIN | Staff Login. | Staff Login Credentials. | Successful Login when valid credentials are entered. | Incorrect Credentials entered and respective pop up message is shown. |

**3.2 Test cases for Manage Client**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **TEST CASE DESCRIPTION** | **INPUT** | **PASS CRITERIA** | **FAIL CRITERIA** |
| S\_ADD\_CLIENT | Staff adds a new company. | Staff enters the General Information, statutory details and Bank details of the company. | Staff uploads the correct company details and values for PIN number (6 digits), GSTIN (13 digits), PAN Number (10 characters), IFSC (11 characters) which are validated along with the other company data and stored successfully. | A respective pop up message is shown for all the encountered scenarios. |
| S\_EDIT\_CLIENT | Staff Searches the client and updates existing company details. | Staff updates the General Information, statutory details and Bank details of the company. | Staff updates the correct company details and values for PIN number (6 digits), GSTIN (13 digits), PAN Number (10 characters), IFSC (11 characters) which are validated along with the other company data and stored successfully. | A respective pop up message is shown for all the encountered scenarios. |

**3.3 Test Cases for Manage Item**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **TEST CASE DESCRIPTION** | **INPUT** | **PASS CRITERIA** | **FAIL CRITERIA** |
| S\_ADD\_ITEM | Staff adds a new item. | Staff enters the relevant details of the item along with the HSN/SAC code. | Staff uploads the correct item details and values for HSN Codes (6 digits), and SAC Code (6 digits) which are validated along with the other item data and stored successfully. | A respective pop up message is shown for all the encountered scenarios. |
| S\_EDIT\_ITEM | Staff Searches the client and updates existing company details. | Staff updates the General Information, statutory details and Bank details of the company. | Staff uploads the correct item details and values for HSN Codes (6 digits), and SAC Code (6 digits) which are validated along with the other company data and stored successfully. | A respective pop up message is shown for all the encountered scenarios. |

**3.4 Test Cases for Purchase**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **TEST CASE DESCRIPTION** | **INPUT** | **PASS CRITERIA** | **FAIL CRITERIA** |
| S\_NEW\_PURCHASE | Staff adds a new purchase. | Staff enters the party details and purchase details such as purchase type, cost centre, invoice number, date, PO number, payment date along with items and respective quantities. | Staff views the correct party details and purchase details such as purchase type, cost centre, invoice number, date, PO number, payment date (dd/mm/yyyy format) along with items and respective quantities which are validated and stored successfully. | A respective pop up message is shown for all the encountered scenarios. |
| S\_SEARCH\_PURCHASE | Staff Searches the purchase and downloads details. | Staff enters the party name and the time duration. | Staff views the searched purchase details and downloads it. | A respective pop up message is shown for all the encountered scenarios. |
| S\_PURCHASE\_PAY | Staff Searches the purchase and views the payment history. | Staff enters the party name and the time duration along with the payment method. | Staff views the s earched purchase details and has the ability to save and download it. | A respective pop up message is shown for all the encountered scenarios. |
| S\_ADV\_PAY | Staff Searches the party an adds advance payment details. | Staff searches the party, enters the amount and the date of payment with description. | Staff updates the correct advance payment details such as date (dd/mm/yyyy format), payment amount and description which are validated and stored successfully. | A respective pop up message is shown for all the encountered scenarios. |

**3.5 Test Cases for Sale**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **TEST CASE DESCRIPTION** | **INPUT** | **PASS CRITERIA** | **FAIL CRITERIA** |
| S\_NEW\_SALE | Staff adds a new sale. | Staff enters the party details and sale details such as sale type, cost centre, invoice number, date, PO number, payment date along with items and respective quantities. | Staff views the correct party details and sale details such as sale type, cost centre, invoice number, date, and PO number, payment date (dd/mm/yyyy format) along with items and respective quantities which are validated and stored successfully. | A respective pop up message is shown for all the encountered scenarios. |
| S\_SEARCH\_SALE | Staff Searches the sale and downloads details. | Staff enters the party name and the time duration. | Staff views the searched sale details and downloads it. | A respective pop up message is shown for all the encountered scenarios. |