**Test Plan**

Login

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| Test Case | Expected Result | Actual Result |
| Entering Correct Admin ID and Password and click “Login” | Go to Home Panel | As Expected (for final report)  Based on the actual implementation (for partial report) |
| Entering Correct User ID and Password and click “Login” | Go to certain Function form according the user department | As Expected |
| Entering incorrect User ID and Password and click “Login” | Error message notifying incorrect user name or password | As Expected |
| Click on “Close” | Close the program | As Expected |

Home Panel

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| Test Case | Expected Result | Actual Result |
| Click on “Registration” | Go to Member Registration-Register form | As Expected |
| Click on “Point of Sales” | Go to Point of Sales-Add Items form | As Expected |
| Click on “Inventory Management” | Go to Inventory Management-Add Inventory form | As Expected |
| Click on “Billing” | Go to Billing-History form | As Expected |
| Click on “Account Receivable” | Go to Account Receivable-Statement form | As Expected |
| Click on “User Management” | Go to User generate form | As Expected |
| Click on “Outlet Management” | Go to Create Outlet form | As Expected |
| Click on “Food Management” | Go to Add Recipe form | As Expected |
| Click on “Log out” | Go to Login form | As Expected |

Member Registration- Control Panel

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| --- | --- | --- |
| Click on “Register” | Go to Member Registration-Register form | As Expected |
| Click on “Edit” | Go to Member Registration-Edit form | As Expected |
| Click on “History” | Go to Member registration – History form | As Expected |
| Click on “Change Fee Amount” | Go to Fees Edit form | As Expected |
| Click on “Log Out” | Go to Login form | As Expected |
| Click on “Exit” | Close the system | As Expected |

Member Registration-Register

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| --- | --- | --- |
| Test Case | Expected Result | Actual Result |
| Entering member name, member address, city, Postcode, Phone no, Email address and click “Save Data” | Pop up a message notifying success adding and pop up a member registration fee invoice for printing | As Expected |
| Entering invalid (member name, member address, city, Postcode, Phone no, Email address) and click “Save Data” | Appear error provided icon with error messagebeside the fields which contain errors | As Expected |
| Click on “Reset” | Clear the data in all fields | As Expected |

Member Registration–Search Function

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| --- | --- | --- |
| Test Case | Expected Result | Actual Result |
| Entering correct member name and selecting member name option then click “Search” | Show out the specific member data in the correct fields | As Expected |
| Entering wrong member name and selecting member name option then click “Search” | Pop up a message to remind user no such member name in member record. | As Expected |
| Entering correct member ID and selecting member’s ID option then click “Search” | Show out the specific member data in the correct fields | As Expected |
| Entering wrong member ID and selecting member’s ID option then click “Search” | Pop up a message to remind user no such member ID in member record. | As Expected |
| Editing member name, member address, city, Postcode, Phone no, Email address and click “Save Data” | Pop up a message to inform user successful updating member data. | As Expected |

Member Registration-Edit

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| --- | --- | --- |
| Editing invalid (member name, member address, city, Postcode, Phone no, Email address) and click “Save Data” | Appear error provided icon with error messagebeside the fields which contain errors | As Expected |
| Click on “Reset” | The member data in the field will restore to the default member record. | As Expected |
| Click on “>” | Display the next member data in correct field. | As Expected |
| Click on “<” | Display the previous member data in correct field. | As Expected |

Fees Edit form

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| Test Case | Expected Result | Actual Result |
| Not filling fields and click “Save Data” | Appear error provided icon with error messagebeside the fields which contain errors. | As Expected |
| Editing invalid fees record and click “Save Data” | Appear error provided icon with error messagebeside the fields which contain errors | As Expected |
| Click on “Reset” | Empty all field. | As Expected |
| Click on “Close” | Close Fee Edit form | As Expected |

Member Registration-History

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| --- | --- | --- |
| Test Case | Expected Result | Actual Result |
| Double click on “certain member record” | Pop up Member Registration-Edit form and fill the specific member data into correct field | As Expected |

Inventory Management – Control Panel

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| --- | --- | --- |
| Test Case | Expected Result | Actual Result |
| Click “Stock List” | Go to Inventory Management - stock list form | As Expected |
| Click “Add Inventory” | Go to Inventory Management – Add Inventory form | As Expected |
| Click “Edit Inventory” | Go to Inventory Management – Edit Inventory form | As Expected |
| Click “Generate PO” | Go to Inventory Management – Generate Purchase Order form | As Expected |
| Click “Update PO” | Go to Inventory Management – Update PO form | As Expected |
| Click “Stock Balance” | Pop up Stock Balance Report | As Expected |
| Click on “Log Out” | Go to Login form | As Expected |
| Click on “Exit” | Close the system | As Expected |

Inventory Management – Add Inventory

|  |  |  |
| --- | --- | --- |
| Test Case | Expected Result | Actual Result |
| Entering Material Description, Quantity, Minimum Order, Maximum Order, select Unit Measurement and click “Add” | Pop up a message notifying success adding. | As Expected |
| Entering invalid (Material Description, Quantity, Minimum Order, Maximum Order, select Unit Measurement) and click “Add” | Appear error provided icon with error messagebeside the fields which contain errors | As Expected |
| Click on “Reset” | Clear the data in all fields | As Expected |

Inventory Management – Search Function

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| --- | --- | --- |
| Test Case | Expected Result | Actual Result |
| Entering correct MaterialDescription and selecting MaterialDescription option then click “Search” | Show out the specific Material data in the correct fields | As Expected |
| Entering wrong MaterialDescription and selecting MaterialDescription option then click “Search” | Pop up a message to remind user no such MaterialDescription in Materialrecord. | As Expected |
| Entering correct MaterialCode and selecting MaterialCode option then click “Search” | Show out the specific Material data in the correct fields | As Expected |
| Entering wrong MaterialCode and selecting MaterialCode option then click “Search” | Pop up a message to remind user no such MaterialCode in Material record. | As Expected |

Inventory Management – Edit Inventory

|  |  |  |
| --- | --- | --- |
| Test Case | Expected Result | Actual Result |
| EditingMaterial Description, Quantity, Minimum Order, Maximum Order, select Unit Measurement and click “Save” | Pop up a message to inform user successful updating Material data. | As Expected |
| Click on “Reset” | The Material data in the field will restore to the default Material record. | As Expected |
| Click on “>” | Display the next Material data in correct field. | As Expected |
| Click on “<” | Display the previous Material data in correct field. | As Expected |

Inventory Management – Generate Purchase Order

|  |  |  |
| --- | --- | --- |
| Test Case | Expected Result | Actual Result |
| Double click on “certain Required Order Material” | Pop up Message box with “Yes No” to remove order the material | As Expected |
| Click “Yes” for remove order the Material | Remove the Material in the required order material list | As Expected |

Inventory Management – Update PO

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| --- | --- | --- |
| Test Case | Expected Result | Actual Result |
| Double click on “certain PO record” | Display PO ID in selected PO ID field | As Expected |
| Click on “Update” | Update the GRN report and add in all ordered material quantity | As Expected |
| Click on “View” | Pop up the PO report | As Expected |
| Entering correct PO ID name and selecting PO ID option then click “Search” | Show out the specific PO data in the PO list | As Expected |
| Entering wrong PO ID and selecting PO ID option then click “Search” | Pop up a message to remind user no such PO ID in POrecord. | As Expected |
| Select Correct PO Date and selecting PO Date option then click “Search” | Show out the specific PO data in the PO list | As Expected |
| Select PO DateCode and selecting PO Date option then click “Search” | Pop up a message to remind user no such PO with the Date in PO record. | As Expected |

Inventory Management – Stock List

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| --- | --- | --- |
| Test Case | Expected Result | Actual Result |
| Double click on “certain Stock record” | Pop up Edit Inventory form and fill the specific Material data into correct field | As Expected |

User Management – Control Panel

|  |  |  |
| --- | --- | --- |
| Test Case | Expected Result | Actual Result |
| Click on “Generate” | Go to User Management – Generate form | As Expected |
| Click on “Edit” | Go to User Management – Edit form | As Expected |
| Click on “History” | Go to User Management – History form | As Expected |
| Click on “Log Out” | Go to Login form | As Expected |
| Click on “Exit” | Close the system | As Expected |

User Management – Search Function

|  |  |  |
| --- | --- | --- |
| Test Case | Expected Result | Actual Result |
| Entering correct User name and selecting Username option then click “Search” | Show out the specific User data in the correct fields | As Expected |
| Entering wrong User name and selecting Username option then click “Search” | Pop up a message to remind user no such Username in Userrecord. | As Expected |
| Entering correct UserID and selecting UserID option then click “Search” | Show out the specific User data in the correct fields | As Expected |
| Entering wrong UserID and selecting UserID option then click “Search” | Pop up a message to remind user no such UserID in User record. | As Expected |

User Management – Generate

|  |  |  |
| --- | --- | --- |
| Test Case | Expected Result | Actual Result |
| Entering User Name, User Password, select User Type and click “Save Data” | Pop up a message notifying success create. | As Expected |
| Entering invalid (User Name, User Password, select User Type) and click “Save Data” | Appear error provided icon with error messagebeside the fields which contain errors | As Expected |
| Click on “Reset” | Clear all data in the field | As Expected |

User Management – Edit

|  |  |  |
| --- | --- | --- |
| Test Case | Expected Result | Actual Result |
| EditingUser Name, User Password, select User Type and click “Save Data” | Pop up a message to inform user successful updating User data. | As Expected |
| Click on “Reset” | The User data in the field will restore to the default User record. | As Expected |
| Click on “>” | Display the next User data in correct field. | As Expected |
| Click on “<” | Display the previous User data in correct field. | As Expected |

User Management – History

|  |  |  |
| --- | --- | --- |
| Test Case | Expected Result | Actual Result |
| Double click on “certain User record” | Pop up User Management – Edit form and fill the specific User data into correct field | As Expected |

Outlet Management – Create & Outlet list

|  |  |  |
| --- | --- | --- |
| Test Case | Expected Result | Actual Result |
| Entering Outlet name and click “Save Data” | Pop up a message notifying success create. | As Expected |
| EnteringinvalidOutlet name and click “Save Data” | Appear error provided icon with error messagebeside the fields which contain errors | As Expected |
| Click on “Reset” | Clear all data in the field | As Expected |
| Entering correct Outlet name and selecting Materialname option then click “Search” | Show out the specific User data in the correct fields | As Expected |
| Double click on “certain Outlet record” | Pop up Outlet Management – Edit form and fill the specific User data into correct field | As Expected |

Outlet Management – Edit

|  |  |  |
| --- | --- | --- |
| Test Case | Expected Result | Actual Result |
| Entering Outlet name and click “Save Data” | Pop up a message to inform user successful updating Outlet data. | As Expected |
| Click on “Reset” | The Outlet data in the field will restore to the default Outlet record. | As Expected |
| Click on “Close” | Close the program | As Expected |

Point of Sales – Control Panel

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| --- | --- | --- |
| Test Case | Expected Result | Actual Result |
| Click on “Add Items” | Go to Point of Sales – Add Item form | As Expected |
| Click on “History” | Go to Point of Sales – History form | As Expected |
| Click on “Log Out” | Go to Login form | As Expected |
| Click on “Exit” | Close the system | As Expected |

Point of Sales – Add Items

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| --- | --- | --- |
| Test Case | Expected Result | Actual Result |
| Selecting Member ID, outlet, item, entering Quantity and click “Save Data” | Added item show in bottom table | As Expected |
| Selecting Member ID, outlet, item, entering invalid Quantity material and click “Save Data”” | Pop up message box inform what error is. | As Expected |
| Double click on “certain item record” | Fill the record in correct field and change the reset button to delete button | As Expected |
| Click on “Delete” after double click on “certain item record” | Delete the selected item record from the table | As Expected |
| Click on “Reset” | Clear the quantity field | As Expected |
| Click on “Delete” | Clear all data in the field | As Expected |
| Click on “Done” after fill in item in table | Pop up message box with (Yes No) and total enough of the bill | As Expected |
| Click on “Yes” after click “Done” | Pop up Bill report | As Expected |
| Click on “No” after click “Done” | Return to the Point of Sales – Add Items form | As Expected |

Point of Sales-History

|  |  |  |
| --- | --- | --- |
| Test Case | Expected Result | Actual Result |
| Entering correct member name and selecting member name option then click “Show All” | List out the specific member bill with the bill detail in the bottom. | As Expected |
| Entering wrong member name and selecting member name option then click “Search” | Pop up a message to remind user no such member name in member record. | As Expected |
| Entering correct member ID and selecting member’s ID option then click “Search” | List out the specific member bill with the bill detail in the bottom. | As Expected |
| Entering wrong member ID and selecting member ID option then click “Search” | Pop up a message to remind user no such member ID in member record. | As Expected |
| Entering correct bill ID and selecting bill ID option then click “Show All” | List out the specific bill with the bill detail in the bottom. | As Expected |
| Entering wrong bill ID and selecting bill ID option then click “Search” | Pop up a message to remind user no such bill ID in bill record. | As Expected |
| Double click on “certain POS record” | Go to Point of Sales – Print form and fill the specific User data into correct field | As Expected |

Point of Sales-Print item

|  |  |  |
| --- | --- | --- |
| Test Case | Expected Result | Actual Result |
| Click on “Print” | Pop up the Bill | As Expected |
| Click on “ROID” | Pop up the Requisition Order and Issues Note | As Expected |

Billing – History

|  |  |  |
| --- | --- | --- |
| Test Case | Expected Result | Actual Result |
| Entering correct member name and selecting member name option then click “Search” | Show out the specific member Bill in the table | As Expected |
| Entering wrong member name and selecting member name option then click “Search” | Pop up a message to remind user no such member Bill record. | As Expected |
| Entering correct member ID and selecting member’s ID option then click “Search” | Show out the specific member Bill in the table | As Expected |
| Entering wrong member ID and selecting member’s ID option then click “Search” | Pop up a message to remind user no such member Bill record. | As Expected |
| Click on the certain Bill record and Click “Print” | Pop up the selected statement for printing out | As Expected |
| Click on “Log Out” | Go to Login form | As Expected |
| Click on “Exit” | Close the system | As Expected |

Account Receivable – Statement

|  |  |  |
| --- | --- | --- |
| Test Case | Expected Result | Actual Result |
| Entering correct member name and selecting member name option then click “Search” | Show out the specific member Bill in the table | As Expected |
| Entering wrong member name and selecting member name option then click “Search” | Pop up a message to remind user no such member Bill record. | As Expected |
| Entering correct member ID and selecting member’s ID option then click “Search” | Show out the specific member Bill in the table | As Expected |
| Entering wrong member ID and selecting member’s ID option then click “Search” | Pop up a message to remind user no such member Bill record. | As Expected |
| Click on the certain Bill record and Click “Pay” | The paid statement will update and can’t search out in this form again. | As Expected |
| Click on “Log Out” | Go to Login form | As Expected |
| Click on “Exit” | Close the system | As Expected |

Food Recipe – Control Panel

|  |  |  |
| --- | --- | --- |
| Test Case | Expected Result | Actual Result |
| Click on “Add Recipe” | Go to Food Recipe – Add Recipe form | As Expected |
| Click on “History” | Go to Food Recipe – History form | As Expected |
| Click on “Log Out” | Go to Login form | As Expected |
| Click on “Exit” | Close the system | As Expected |

Food Recipe – Add Recipe

|  |  |  |
| --- | --- | --- |
| Test Case | Expected Result | Actual Result |
| Entering Food Name, Unit Price, Quantity material ,Select material, and click “Save Data” | Added Food name and recipe show in bottom table | As Expected |
| Entering invalid (Food Name, Unit Price, Quantity material ,Select material,) and click “Save Data” | Appear error provided icon with error messagebeside the fields which contain errors | As Expected |
| Double click on “certain Food recipe record” | Fill the record in correct field and change the reset button to delete button | As Expected |
| Click on “Delete” after double click on “certain Food recipe record” | Delete the selected Food recipe record from the table | As Expected |
| Click on “Reset” | Clear the quantity field | As Expected |

Food Recipe – History

|  |  |  |
| --- | --- | --- |
| Test Case | Expected Result | Actual Result |
| Entering correct Food name and selecting Food name option then click “Search” | Show out the specific Foodrecipe record in the table | As Expected |
| Entering wrong Food name and selecting Food name option then click “Search” | Pop up a message to remind user no such Food record record. | As Expected |
| Entering correct Food ID and selecting Food ID option then click “Search” | Show out the specific Foodrecipe record in the table | As Expected |
| Entering wrong Food ID and selecting Food ID option then click “Search” | Pop up a message to remind user no such Food record record. | As Expected |
| Double click on “certain Food recipe record” | Go to Food Recipe – Add Recipe form and fill the food recipe in the table of the Food Recipe – Add Recipe table | As Expected |