# Main Dashboard Page

|  |  |  |  |
| --- | --- | --- | --- |
| **Element Name** | **Action** | **Expected Result** | **Actual Result** |
| System (Java NetBeans) | Click run button | Displays main dashboard | Performed As expected |
| Administrator’s module | Click on administrator | Displays administrator’s login page | Performed As expected |
| Staff Module | Click on staff member’s module | Displays staff member’s login page | Performed As expected |
| Sign Up Module | Click on sign up module | Displays sign up page | Performed As expected |
| Close | Click on close option | Exits the system | Performed As expected |

# Admin’s Login Page

|  |  |  |  |
| --- | --- | --- | --- |
| **Element Name** | **Action** | **Expected Result** | **Actual Result** |
| First Name textbox | Admin types his/her name | Textbox accepts admin’s name | Performed As expected |
| Password field UI | Admin types his/her password | Corrects password accepted | Performed As expected |
| Sign In button | Click sign in | Displays admin’s dashboard | Performed As expected |
| Reset button | Click reset button | Erase the values in the textboxes | Performed As expected |
| Back button | Click back button | Displays the main dashboard again | Performed As expected |
| Close button | Click close button | System is closed | Performed As expected |
| Security | Anonymous user enters false data to the system | Denies login request | Performed As expected |

# Admin’s Dashboard Page

|  |  |  |  |
| --- | --- | --- | --- |
| **Element Name** | **Action** | **Expected Result** | **Actual Result** |
| Inventory | Click on inventory | Displays inventory module | Performed As expected |
| Sales | Click on sale’s module | Displays sale’s module | Performed As expected |
| Employee record | Click on employee record module | Displays employee record module | Performed As expected |
| Close | Click on close option | Exits the system | Performed As expected |

# Inventory Module

|  |  |  |  |
| --- | --- | --- | --- |
| **Element Name** | **Action** | **Expected Result** | **Actual Result** |
| Inventory | Click on a row in inventory | Displays product’s details in relevant textboxes | Performed As expected |
| Product’s image | Click on a row in inventory | Displays product’s image | Performed As expected |
| Left arrow | Click on the left arrow button | Displays the data of the previous row in the relevant textboxes | Performed As expected |
| Right arrow | Click on the right arrow button | Displays the data of the next row in the relevant textboxes | Performed As expected |
| Double left arrows | Click on the double left arrows button | Displays the data of the first row in the relevant textboxes | Performed As expected |
| Double right arrows | Click on the double right arrows button | Displays the data of the last row in the relevant textboxes | Performed As expected |
| Delete button | Click on button when a product is selected | Deletes the selected row from the inventory table | Performed As expected |
| Back button | Click on button | Displays admin’s module | Performed As expected |
| Close | Click on close option | Exit the system | Performed As expected |

# Sale’s Module

|  |  |  |  |
| --- | --- | --- | --- |
| **Element Name** | **Action** | **Expected Result** | **Actual Result** |
| Inventory table | Clicks on a row in inventory | Displays product’s details in relevant textboxes | Performed As expected |
| Operator text box | Log in | Displays the name of the logged in user | Performed As expected |
| Select Product button | Click on the button | Add selected product to the sale’s table | Performed As expected |
| Cancel selected product button | Select the product in the sale’s table and click on the button | Deletes the product from the sale’s table and add it back to the inventory table | Performed As expected |
| Net total text box | Select a product from the inventory table | Displays the net total of the products in the Sale’s table | Performed As expected |
| Discount drop down list (Combo box) | Select a discount value from the list by clicking | Displays the price of the product after the deduction of the discount | Performed As expected |
| Amount text box | Select discount | Displays the updated price of the product | Performed As expected |
| Cash paid text box | User types in the amount received from the customer | Only allows numeric values | Performed As expected |
| Client name text box | User types in the client’s name | Lets the user type in the name | Performed As expected |
| Counter drop list (Combo Box) | User clicks on the list to select a counter | Display the selected counter on the list | Performed As expected |
| Payment check box | User checks it | Approves it | Performed As expected |
| Cash back text box | User clicks on the buy button | Display the remainder amount | Performed As expected |
| Buy button | User clicks on it once the all the information is provided | Writes the receipt and clears out all the textboxes , lists and sale’s table | Performed As expected |
| Print button | User clicks on it once the receipt is written | Prompts the option to select a printer | Performed As expected |
| Clear receipt button | User clicks on it | Clears the receipt | Performed As expected |
| Back to admin’s dashboard button | User clicks on it if the receipt and sale’s table is empty | Displays the admin’s dashboard if the user logged in is the admin | Performed As expected |
| Close button | Click on close option | Exits the system if the receipt and sale’s table is empty | Performed As expected |

# Employee’s Record Module

|  |  |  |  |
| --- | --- | --- | --- |
| **Element Name** | **Action** | **Expected Result** | **Actual Result** |
| Record table | Clicks on a row in record table | Displays employee’s details in relevant textboxes and check box | Performed As expected |
| User name text box | Admin clicks on it | Prevents the admin from editing it | Performed As expected |
| First name text box | Admin clicks on it | Allows admin to edit it | Performed As expected |
| Last name textbox | Admin clicks on it | Allows admin to edit it | Performed As expected |
| Age text box | Admin clicks on it | Allows admin to edit it and accepts only numeric values | Performed As expected |
| Gender check box | Admin clicks on | Checks the selected check box | Performed As expected |
| Address text box | Admins types in the address | Accepts all values | Performed As expected |
| Phone number text box | Admin types in the numeric values | Only allows numeric values | Performed As expected |
| Password text box | Admin types in the password | Displays the typed letters in asterisk | Performed As expected |
| View password checkbox | Admin clicks it | Decrypts the password and displays it in the password text box | Performed As expected |
| Update button | User clicks on it once a change in the record is made | Updates the record and displays it in the record table | Performed As expected |
| Delete button | User clicks on it once a record in the table is selected | Deletes the record and removes it from the record table | Performed As expected |
| Reset button | User clicks on it | Clears all the text boxes and the deselects the boxes | Performed As expected |
| Back to admin’s dashboard button | Admin clicks on it if the receipt and sale’s table is empty | Displays admin’s dashboard and exits the employee record module | Performed As expected |
| Close button | Click on close option | Exits the system | Performed As expected |

# Staffer’s Login Page

|  |  |  |  |
| --- | --- | --- | --- |
| **Element Name** | **Action** | **Expected Result** | **Actual Result** |
| User name textbox | Staffer types his/her name | Textbox accepts staffer’s name | Performed As expected |
| Password field UI | Staffer types his/her password | Correct password accepted | Performed As expected |
| Sign In button | Click sign in | Displays sale’s module and places the staffer’s name in the operator text box | Performed As expected |
| Reset button | Click reset button | Erase the values in the textboxes | Performed As expected |
| Back button | Click back button | Displays the main dashboard again | Performed As expected |
| Close button | Click close button | System is closed | Performed As expected |
| Security | Anonymous user enters false data to the system | Denies login request | Performed As expected |

# Employee’s Sign Up Page

|  |  |  |  |
| --- | --- | --- | --- |
| **Element Name** | **Action** | **Expected Result** | **Actual Result** |
| User name text box | Employee types in the user name | Accepts all values | Performed As expected |
| First name text box | Employee types in the first name | Accepts all values | Performed As expected |
| Last name textbox | Employee types in the last name | Accepts all values | Performed As expected |
| Age text box | Employee types in numeric values | Accepts only numeric values | Performed As expected |
| Gender check box | Employee clicks on | Checks the selected check box | Performed As expected |
| Address text box | Employee types in the address | Accepts all values | Performed As expected |
| Phone number text box | Employee types in the numeric values | Only allows numeric values | Performed As expected |
| Password text box | Employee types in the password | Displays the typed letters in asterisk | Performed As expected |
| View password checkbox | Employee clicks it | Decrypts the password and displays it in the password text box | Performed As expected |
| Sign up button | Employee clicks on it | Prompts an error dialogue If the user name provided matches with a pre-existing user name otherwise it registers the employee and displays two dialogues (first one displays the confirmation the second one displays the user name) | Performed As expected |
| Clear all button | User clicks on it | Clears all the text boxes and deselects the boxes | Performed As expected |
| Back button | Employee clicks on | Displays the main dashboard and exits the sign up module | Performed As expected |
| Close button | Employee clicks on close option | Exits the system | Performed As expected |

# Conclusion

I would conclude that the testing stage of the life cycle was a complete success. As seen above I broke the system down in to modules and broke the module down in to the smallest of its components in order to completely eliminate the bugs that this system initially contained.