Testing

Testing of main screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Step | Test | Test data | Expected result | Actual result | Status |
| 1 | Click on inventory button | Mouse click | Production inventory form should be open | Form was open | Pass |
| 2 | Click on product button | Mouse click | Products form should be open | Form was open | pass |
| 3 | Click on customer button | Mouse click | Customers form should be open | Form was open | Pass |
| 4 | Click on HRM button | Mouse click | HRM form should be open | Form was open | Pass |
| 5 | Click on orders button | Mouse click | Orders form should be open | Form was open | Pass |
| 6 | Click on sales button | Mouse click | Sales form should be open | Form was open | Pass |
| 7 | Click on expenditures button | Mouse click | Expenditures form should be open | Form was open | Pass |
| 8 | Click on reports button | Mouse click | Reposts form should be open | Form was open | Pass |
| 9 | Click on raw material button | Mouse click | Raw material form should be open | Form was open | Pass |
| 10 | Click on formulation button | Mouse click | Formulation form should be open | Form was open | pass |

Testing of customers table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 11 | Text field one | M.ismail | Data should be entered | Text field was filled | Pass |
| 12 | Text field two | Gate 1 street 1 dha 1 Islamabad | Data should be entered | Text field was filled | pass |
| 13 | Text field three | 03321456321 | Data should be entered | Text field was filled | pass |
| 14 | Add button | Mouse click | Data should be entered in the table | Data is entered | pass |
| 15 | Table click | Mouse click | All the data should be displayed in text fields | Data is displayed in text fields | pass |
| 16 | Delete button | Mouse click | That data should be deleted | Data is deleted | Pass |
| 17 | Text field one | 123456 | Data should not be entered | Text field was filled | Fail |
| 18 | Text field two | 12345 | Data should not be entered | Text field was filled | Fail |
| 19 | Text field three | Ismail | Data should not be entered | Text field was filled | Fail |
| 20 | Add button | Mouse click | Data should not be entered in the table | Data is entered | Fail |
| 21 | Back button | Mouse click | The customer form should close | Form closed | pass |

Testing for Employees table:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 22 | Text field one | Jon Snow | The data should be entered | Text field was field | Pass |
| 23 | Text field two | Regar tigarien | The data should be entered | Text field was field | Pass |
| 24 | Text field three | Gate 1 street 1 dha 1 Islamabad | The data should be entered | Text field was field | Pass |
| 25 | Text field four | 3740584111919 | The data should be entered | Text field was field | Pass |
| 26 | Text field five | 03365523935 | The data should be entered | Text field was field | Pass |
| 27 | Text field six | Web DEV | The data should be entered | Text field was field | Pass |
| 28 | Text field seven | ICM | The data should be entered | Text field was field | Pass |
| 29 | Text field eight | 50000 | The data should be entered | Text field was field | Pass |
| 30 | ADD button | Mouse click | All the data should be entered in the database | Data was entered | Pass |
| 31 | UPDATE button | Mouse click | All the data should be updated in the database | Data was updated | Pass |
| 32 | DELETE button | Mouse click | All the data should be deleted in the database | Data was deleted | Pass |
| 33 | Data grid view | Mouse click | All data should be filled in text fields | Data was filled | Pass |
| 33 | Back button | Mouse click | It should open the previous page | Previous page was opened | Pass |
| 34 | ADD button | Invalid data in text fields | Data should not entered | Data entered | Fail |

Testing for orders table:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 35 | Data grid view one | Mouse click | Orders of that customer should view in order table | Orders are viewed in order table | Pass |
| 36 | Combo box one | Selecting a value | Value should be selected | Value is selected | Pass |
| 37 | Combo box two | Selecting a value | Value should be selected | Value is selected | Pass |
| 38 | Combo box three | Selecting a value | Value should be selecting | Value is selected | Pass |
| 39 | Text box one | Osama javaid | Text field should be filled | Text field is filled | Pass |
| 40 | Text box two | 50 | Quantity should be entered in text field | Quantity is entered | Pass |
| 41 | Text box three |  | Price should entered from database | Price was not entered | Fail |
| 42 | ADD button | Mouse click | All the data should be entered against that customer | The data was entered | Pass |
| 43 | ADD button | Mouse click with invalid data in the fields | Data should not entered in the database | The data was entered | Fail |
| 44 | Combo box two | Selection click | If delivered is selected the data should enter in the sales table | The data was entered in the table | Pass |
| 45 | Combo box two | Selection click | If anything selected other than delivered, the data should not enter in the sales database | The data was not entered in the sales database | pass |

Testing for expenditure:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 46 | data grid view | Mouse click | The text fields should be filled with data | Text fields are filled | Pass |
| 47 | Text field one | Utility bill | Text field should be filled | Text fields is filled | Pass |
| 48 | Text field two | 5000 | Text field should be filled | Text filled is filled | Pass |
| 49 | Text field three | June | Text field should be filled | Text filled is filled | Pass |
| 50 | Date and time picker | Select date | Date should be selected | Date selectee | Pass |
| 51 | ADD button | Mouse click | Data should be entered | Data is entered | Pass |
| 52 | Update button | Mouse click | Data should be updated | Data is updated | Pass |
| 53 | Delete button | Mouse click | Data should be deleted | Data is deleted | Pass |
| 54 | ADD button | Mouse click | Invalid date in the text fields, the data should not be entered in the database | Data is entered | Fail |

Testing for RAW material:

Testing for expenditure:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 55 | data grid view | Mouse click | The text fields should be filled with data | Text fields are filled | Pass |
| 56 | Text field one | Utility bill | Text field should be filled | Text fields is filled | Pass |
| 57 | Text field two | 5000 | Text field should be filled | Text filled is filled | Pass |
| 58 | Text field three | June | Text field should be filled | Text filled is filled | Pass |
| 59 | Date and time picker | Select date | Date should be selected | Date selectee | Pass |
| 60 | ADD button | Mouse click | Data should be entered | Data is entered | Pass |
| 61 | Update button | Mouse click | Data should be updated | Data is updated | Pass |
| 62 | Delete button | Mouse click | Data should be deleted | Data is deleted | Pass |
| 63 | ADD button | Mouse click | Invalid date in the text fields, the data should not be entered in the database | Data is entered | Fail |
| 64 | Combo box one | Selection | Raw material should be selected | Raw material is selected | pass |

Testing for formulation:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 65 | Combo box one | Selection | Products should be selected | Product is selected | Pass |
| 66 | Text field one | 50 | Data should be entered | Data is entered | Pass |
| 67 | Date and time picker | Date and time | Date and time should be selected | Date and time is selected | Pass |
| 68 | Prepared button | Mouse click | Raw material should be decreased according to the formula of production | Raw material is decreased | Pass |
| 69 | Prepared button | Mouse click | Product been prepared should be increased by the number of quantity prepared | Product is incremented | Pass |
| 70 | Prepared button | Mouse click | Daily production should be entered in the production | Production is entered with date | Pass |
| 71 | Prepared button | Mouse click | Invalid data in text field. The date should not entered | Data is entered (error) | Fail |
| 72 | Back button | Mouse click | The form should be closed | Formulation form is closed | pass |

Testing for logout button:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 73 | logout button | Mouse click | The program should be closed | Program form is closed | pass |