

COMPLIANCE REPORT

for Supermarket Automation Software

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1 Introduction and Important Note

This is the Compliance Report document for Supermarket Automation Software. In this document , we are listing down all the test cases that were mentioned in the test suite. We also added the pass/fail test results after testing the software.

Note :

1. For a positive test case, the expected result should be Pass
2. For a FAIL test case, the expected result should be Fail

2 Compliance Report for the Frontend GUI Interface

2.1 Login Page (5.2)

1 : Username is empty

Fail

2 : Password is empty

Fail

3 : Both Username and Password are empty

Fail

4 : User type selected is wrong

Fail

5 : Login is successful by Manager

Pass

6 : Login is successful by Sales Clerk

Pass

7 : Login is successful by Employee

Pass

8 : Clicking Logout button after successful Login

Pass

2.2 : Sign Up

1 : Username is empty

Fail

2 : Either Password or Confirm Password are empty

Fail

3 : Password and Confirm Password are not matching

Fail

4 : All Credentials are empty

Fail

5 : Username entered is same as existing one

Fail

6 : Entering all correct credentials

Pass

2.3 Sales Transaction :

1 : Successfully logged in as Sales Clerk and clicking a sales transaction button

Pass

2 : Clicking search without entering product id or entering incorrect product id

Fail

2.4 Update Inventory :

1 : Successfully logged in as Inventory Management Officer and Clicks on Update Inventory

Pass

2 : Clicking Search without entering Product ID or entering incorrect Product ID

Fail

3 : Entering the product id and entering search

Pass

4 : Entering update by changing attributes

Pass

2.5 Print Inventory :

1 : Successfully logged in as Manager and clicks Print Inventory Button

Pass

2 : Clicks Print Button

Pass

2.6 Billing :

1 : Clicks Add by entering a name with non alphabets or leaves it empty

Fail

2 : Clicks Add by entering a Contact Number with more or less than 10 digits or non numeric entries

Fail

3 : Clicks Add by not entering Product id

Fail

4 : Clicks Add by not entering Weight

Fail

5 : Clicks Add by entering Product Id which is not present

Fail

6 : Clicks Add by entering Weight more than the weight of the items available

Fail

7 : Clicks Add by entering all Credentials with given constraints

Pass

8 : Clicking Save after entering Amount Paid less than Total Amount

Fail

9 : Clicking Save after entering Amount Paid more than equal to Total Amount

Pass

10 : Clicking Reset

Pass

2.7 Change Price :

1 : Clicking Search without entering Product ID or entering incorrect Product ID

Fail

2 : Clicking Change Price without entering Selling Price and Product ID

Fail

3 : Clicking Change Price with entering Selling Price and Product ID

Pass

4 : Clicking Reset

Pass

5 : Clicking Close

Pass

2.8 Logout :

1 : Clicking logout and clicking no in the dialog box

Fail

2 : Clicking logout and clicking yes in the dialog box

Pass

2.9 Add Product:

1 : Clicking add before filling the fields

Fail

2 : Clicking add after filling the attributes

Pass

2.10 Delete Product

1 : Clicking search without entering the id

Fail

2.7 Change Price :

1 : Clicking Search without entering Product ID or entering incorrect Product ID

Fail

2.7 Change Price :

1 : Clicking Search without entering Product ID or entering incorrect Product ID

Fail

2 : Clicking the search button after entering a valid product id

Pass

3 : Clicking delete after all the fields get filled

Pass

3 Compliance Report for Backend Classes and Database Management

3.1 Testing the

Manager

class (6.1)

3.1.1 Testing the

`getName()`

function (6.1.1)

1.

Retrieve and verify the

`name`

of the manager

PASS

3.1.2 Testing the

`setName(String name)`

function (6.1.2)

1.

Set the

`name`

of the manager to a valid string

PASS

2.

Set the

`name`

of the manager to an invalid string

FAIL

3.1.3 Testing the

`getUsername()`

function (6.1.3)

1.

Retrieve and verify the

`username`

of the owner

PASS

6

3.1.4 Testing the

`setUsername(String username)`

function (6.1.4)

1.

Set the

`username`

of the manager to a valid string

PASS

2.

Set the

`username`

of the manager to an invalid string

FAIL

3.1.5 Testing the

`validate(String username, String password)`

function (6.1.5)

1.

Both the

`username`

and

`password`

PASS I

2.

`username`

is correct but

`password`

is incorrect

FAIL

3.

`username`

is incorrect but

`password`

is correct

FAIL

4.

Both

username

and

password

are incorrect

FAIL

3.2 Testing the Product class (6.2)

3.2.1 Testing the Constructor

```
Item(String name,int ProductID, int quantity,  
,int price)
```

(6.2.1)

Implicitly tested in other sections

3.2.2 Testing the

```
getProductID()
```

function (6.2.2)

1.Retrieve and verify the `ProductID` of an

`Product` object.

PASS

3.2.3 Testing the

```
getName() function (6.2.3)
```

1.Retrieve and verify the

`Name` of a `Product` object.

PASS

3.2.4 Testing the `getPrice()`

function (6.2.4)

1.Retrieve and verify the

`Price` of a `Product` object.

PASS

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3.2.5 Testing the

```
getQuantity()
```

function (6.2.5)

1.

Retrieve and verify the

`quantity`

of an

`Item`

object.

PASS

3.2.6 Testing the

```
getPrice()
```

function (6.2.6)

1.Retrieve and verify the

Price of a Product object.

PASS

3.2.7 Testing the

`save()`

function (6.2.9)

1. Insert a new item to the database when it is empty

PASS

Insert a new item to the database when it is not empty

PASS

3.3 Testing the

Employee

class (6.1)

3.1.1 Testing the

`getName()`

function (6.1.1)

1.

Retrieve and verify the

`name`

of the employee

PASS

3.1.2 Testing the

`setName(String name)`

function (6.1.2)

1.

Set the

`name`

of the employee to a valid string

PASS

2.

Set the

`name`

of the employee to an invalid string

FAIL

3.1.3 Testing the

`getUsername()`

function (6.1.3)

1.

Retrieve and verify the

`username`

of the employee

PASS

6

3.1.4 Testing the

```
setUsername(String username)
```

function (6.1.4)

1.

Set the

username

of the employee to a valid string

PASS

2.

Set the

username

of the employee to an invalid string.

FAIL

3.1.5 Testing the

```
validate(String username, String password)
```

function (6.1.5)

1.

Both the

username

and

password

PASS I

2.

username

is correct but

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3.

username

is incorrect but

password

is correct

FAIL

4.

Both

username

and

password

are incorrect

FAIL

3.1 Testing the

Sales Clerk class (6.1)

3.1.1 Testing the

```
getName()
```

function (6.1.1)

1.

Retrieve and verify the

name

of the sales clerk

PASS

3.1.2 Testing the

`setName(String name)`

function (6.1.2)

1.

Set the

name

of the sales clerk to a valid string

PASS

2.

Set the

name

of the sales clerk to an invalid string

FAIL

3.1.3 Testing the

`getUsername()`

function (6.1.3)

1.

Retrieve and verify the

username

of the sales clerk

PASS

6

3.1.4 Testing the

`setUsername(String username)`

function (6.1.4)

1.

Set the

username

of the sales clerk to a valid string

PASS

2.

Set the

username

of the sales clerk to an invalid string

FAIL

3.1.5 Testing the

`validate(String username, String password)`

function (6.1.5)

1.

Both the

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is correct

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4.

Both

username

and

password

are incorrect

FAIL

