Compliance Report

for

MPSS - Motor Part Shop Software

Version 1.0 approved

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1. Introduction

This is the Motor Parts Shop Software - Compliance Report document. The test cases that were stated in the test suite are included below, along with the PASS/FAIL results received after testing the software. The exact test scenario as well as the golden outputs can be found here.
In the test suite document, examine the same comparable parts.

Note: The intended result for a positive test case should be PASSED, while the expected result for a negative test case should be FAILED.

2. Compliance Report For GUI Interface

2.1. Home Page

Working Properly

2.2. Dashboard

1. Functioning of Buttons
Working Properly

2.3. Add an Item

1. Working of menus
PASSED

2. Working of text fields
PASSED

3. Working of buttons
PASSED

4. The data can entered and saved to the database
PASSED

2.4. Remove an Item

1. Working of menu
PASSED

2. Functioning of Buttons
PASSED

3. Data selected is removed correctly
PASSED

2.5. Sell Items

1. Working of menus
PASSED

2. Working of text fields
PASSED

3. All Data can be entered to fields
PASSED

4. Quantity entered is more than the amount available
PASSED - The order is placed with a quantity equal to the amount available.

2.6. View Items

1. List of Items shown in the form of a table
PASSED

2. Functioning of Buttons
PASSED

2.7. Day-End Tasks

1. Showing list of items having quantity below threshold
PASSED

2. Functioning of buttons
PASSED

2.8. Plot Graph of Daily Sales for a Month

1. View the graph at the end of the month
PASSED

2. View the graph in the middle of the month
PASSED

3. Compliance Report for Backend and Database

3.1. Testing the Owner Class

3.1.1. Test the getUserName() function

1. Get the Username of the user and verify it
PASSED

3.1.2. Test the setUserName(username) function

1. Set the Username of the Owner
PASSED

3.1.3. Test the ValidateLogin(username,password) function

1. Both the username and password are correct
PASSED

2. Username is correct but password is incorrect
FAILED

3. Username is incorrect but password is correct
FAILED

4. Both username and password are incorrect
FAILED

3.2. Testing the Item Class

3.2.1. Test the getUID() function

1. Retrieve the row ID (corresponding to the table in database) and verify it
PASSED

3.2.2. Test the getType() function

1. Get the Type of the Item from the Item Table
PASSED

3.2.3. Test the getPrice() function

1. Get the Price of the Item from the table
PASSED

3.2.4. Test the getQuantity() function

1. Get the available quantity of the Item from the table
PASSED

3.2.5. Test the getManufacturer() function

1. Get the Manufacturer Information from the table
PASSED

3.2.6. Test the getVehicleType() function

1. Get the vehicle type from the table
PASSED

3.2.7. Test the save() function

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

2. Insert a new item into the database when it is not empty
PASSED

3.2.8. Test the delete() function

1. Delete the item from the database table
PASSED

3.2.9. Test the updateSale(numSold) function

1. Update the quantity of the item being sold
PASSED

3.3. Testing the Manufacturer Class

3.3.1. Test the getUID() function

1. Retrieve the row ID (corresponding to the table in database) and verify it
PASSED

3.3.2. Test the getName() function

1. Retrieve the name of the manufacturer form the database table
PASSED

3.3.3. Test the getAddress() function

1. Retrieve the address of the Manufacturer from the database table
PASSED

3.3.4. Test the save() function

1. Insert a new Manufacturer in the database when it is empty
PASSED

2. Insert an new manufacturer in the database when it is not empty
PASSED

3.3.5. Test the delete() function

1. Delete a manufacturer when a single manufacturer is present in the database
PASSED

2. Delete a manufacturer when multiple manufacturer are present in the database
PASSED

3.4. Testing the Inventory Class

3.4.1. Test the retrieveData() function

1. Show inventory when database is empty
PASSED

2. Show the inventory when database is not empty
PASSED