

Informatics Institute of Technology
Department of Computing
Object Oriented Programming
Test Plan

Module	: 5COSC019C Object Oriented Programming
Module Leader	: Mr. Saman Hettiarachchi
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Student ID	: 20211348 / w1953903
Student First Name	: Irudaka
Student Surname	: Ranasinghe

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Name : R.A. Irudaka Ivantha Ranasinghe

Student ID : 20211348

UoW ID : w1953903

Test Cases 1

Details regarding to the manager's console part.

	Test Case	Expected Result	Actual Result	Pass/Fail
1	Select whether a customer or a manager Enter: 1	Go to the console menu which allows manager to perform several tasks.	Go to the console menu which allows manager to perform several tasks.	Pass
2	Select whether a customer or a manager Enter: 2	Opens up the GUI.	Opens up the GUI.	Pass
3	Select whether a customer or a manager Enter: 3	Displays an error message and ask to enter again.	Displays an error message and ask to enter again.	Pass
4	Add product Enter – Category: Clothing product Id: C1 Name: T-shirt Available Items: 20 Product Price: 1700.0 Product Size: 16 Color: Red	Adds to the product array successfully.	Adds to the product array successfully.	Pass

5	Add product Enter – Category: Electronics Product Id: e02 Product Name: Mobile Available Items: 30 Product Price: 4000.0 Product Brand: Samsung Product Warranty Period: 36	Adds to the product successfully.	Adds to the product successfully.	Pass
6	Delete product Enter – Product Id: e02	Deletes the product from the arraylist successfully.	Deletes the product from the arraylist successfully.	Pass
7	View Product List	View all the available products and prints in the console.	View all the available products and prints in the console.	Pass
8	Save to File	Save the product details from the arraylist to the file.	Save the product details from the arraylist to the file	Pass
9	Read from the file	Reads the data exist in the file and prints in the console.	Reads the data exist in the file and prints in the console.	Pass

Test Case 2

Details regarding to the customer GUI.

	Test Case	Expected Result	Actual Result	Pass/Fail
1	Enter 2 in the console.	Open up the GUI	Open up the GUI	Pass
2	Select “All”, “Electronics”, “Clothing”	Should be able to select one of them at a time from the combo box.	Can select one category at a time from the combo box.	Pass
3	Select “All”	Should be able to view all the products in the table.	Can view all the products in the table.	Pass
4	Select “Electronics”	Should be able to view electronic products in the table.	Can view electronic products in the table.	Pass
5	Select “Clothing”	Should be able to view clothing products in the table.	Can view clothing products in the table.	Pass
6	Select item in the table.	Should get the details related to the product below the table.	Gets the details related to the product below the table.	Pass

7	Showing the row.	If the number of available items of the product is less than 3. That row should get red.	The row details get red when the available products are less than 3.	Pass
8	Add to shopping cart button.	When selecting a product add to cart button should get visible.	After selecting a product add to cart button turns visible.	Pass
9	Clicking add to cart button.	The products should go to the shopping cart.	The products add in to the shopping cart successfully.	Pass
10	Adding several products from the same product.	Should update the number of available products and the total,	Updates the number of available products and the total successfully.	Pass
11	Total, Discount	Should calculate the total and discount properly.	Calculates the total and the discount successfully.	Pass

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