

Informatics Institute of Technology

Object Oriented Programming

5COSC019C

COURSEWORK TEST PLAN

Module Leader – Saman Hettiarachchi

Name: Samararathna Kodikara Kankanange Chalani Dinitha

Uow Number: w1953891

IIT Number: 20211032

Tutorial Group: Group 14

Test plan for the system

PHASE 1

Test case	Expected result	Actual result	Pass / fail
After program starts displays menu	Display menu	Display menu and users inserts option.	Pass
Add a product			
Select c/C for the clothing and select e/E for the electronic	C or c is selected for the clothing E or e is selected for the electronic	C or c is selected for the clothing E or e is selected for the electronic	Pass
Make a product Id	Unique Id is generated	Unique Id is generated	Pass
Enter “Dress” for the product name clothing	Product name is added as dress	Product name is added as dress	Pass
Enter “iron” for the product name electronic	Product name is added as iron	Product name is added as iron	Pass
Enter “20” for available items in clothing	Number of available items “20” are added	Number of available items “20” are added	Pass
Enter “10” for available items in electronics	Number of available items “10” are added	Number of available items “10” are added	Pass
Enter “100” for price in clothing	Price 100 is added	Price 100 is added	Pass
Enter “200” for the price electronics	Price 200 is added	Price 200 is added	Pass
Enter “8” for the size of the clothing	Size “8” is added	Size “8” is added	Pass

Enter “red” for the color of the clothing	Color “red” is added	Color “red” is added	Pass
Enter “Philips” as a brand name of the electronic item	Brand “Philips” is added	Brand “Philips” is added	Pass
Enter “2” years as warranty period of the electronic item	Warranty period “2” is added	Warranty period “2” is added	Pass
After entering name, available items, price, size and color clothing product should be added	Successfully added	Successfully added	Pass
After entering name, available items, price, brand and warranty period electronic product should be added	Successfully added	Successfully added	Pass
Delete a product			
Show available product IDs (eg:C6841, C4328, C9871) to select and delete	Available product ids are displayed	Available product ids are displayed	pass
Select product with ID C6841 to delete.	Product with ID C6841 removed successfully.	Product with ID C6841 removed successfully.	Pass
Show the available Ids (C4328, C9871)	Remaining product ids are shown	Remaining product ids are shown	Pass

Print the product details			
Print the product details list	Displays product details	Displays product details	Pass
Save a product			
Save the product details list	Product details will be saved in a text file	Product details will be saved in a text file	Pass
Load the products			
Load save product details	File successfully loaded	File successfully loaded	Pass
Enter “6” to exit from the main menu	You have Chosen to exit the program	You have Chosen to exit the program	Pass
Enter letters for the select option	Invalid input	Invalid input	pass

PHASE 2

Test case	Expected result	Actual result	Pass /fail
GUI			
User can enter username and password	<p>If username and password is correct, then open the GUI</p> <p>If the username and password is wrong, then</p>	<p>If username and password is correct, then open the GUI</p> <p>If the username and password is wrong, then</p>	Pass
User can select the category through the drop-down menu	Display the drop-down menu to select the category	Display the drop-down menu to select the category	Pass
<p>The user can select a product</p> <p>After select product all the details of the product are displayed as per specification in the below panel</p>	Can select the product and display the selected product details as per specification in the below panel.	Can select the product and display the selected product details as per specification in the below panel.	Pass
Users select product quantity is lower than 3	If the product quantity is lower than 3 then that table row shows red color.	If the product quantity is lower than 3 then that table row shows red color.	Pass
The user can add products to the shopping cart and all the information are	Selected product information is displayed in a separate frame	Selected product information is displayed in a separate frame	pass

displayed in a separate table.			
displayed final price correctly.	The final price is displayed correctly	The final price is displayed correctly	Pass
The discounts, if applicable, are displayed as per specification and the final price updated accordingly.	The discounts, if applicable, are displayed as per specification and the final price updated accordingly	The discounts, if applicable, are displayed as per specification and the final price updated accordingly	Pass

PHASE 3

Test case	Expected result	Actual result	Pass /fail
Testing and system validation			
Test plan (submitted separate file)	Submitted a separate file	Submitted a separate file	Pass
Implementation of an automated unit test for each scenario in the console menu.	Test pass	Test pass	Pass
Error Handling across all the code, input validation and code quality.	input validation and code quality is completed	input validation and code quality is completed	Pass