

Coursework Test Plan – 5COSC019 Object-Oriented Programming

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Console Menu (Phase 2)					
No	Test Case Scenario	Test Case Description	Expected Result	Actual Result	Pass/Fail
1	Check that the console menu displays correctly.	User runs Westminster Shopping Manager.	Display the console menu	Display the console menu	Pass
2	Verify menu option input	User enters invalid input (such as 7 or W)	Display error message and return user to menu	Display error message and return user to menu	Pass
3	Verify menu option input	User enters 1 or "A" in the console menu	The console Display "Enter the category of this Product."	The console Display "Enter the category of this Product."	Pass
4	Verify Electronic or Clothes	User enters invalid input (such as H)	The console Displays "Invalid Input. Please try again" and asks for input.	The console Displays "Invalid Input. Please try again" and asks for input.	Pass
5	Verify price	User enters invalid input (such as J)	The console Displays "Invalid Input. Please try again" and asks for the price again.	The console Displays "Invalid Input. Please try again" and asks for the price again.	Pass
6	Verify quantity available in stocks	User enters invalid input (such as K)	The console Displays "Invalid Input. Please try again" and asks for the quantity again.	The console Displays "Invalid Input. Please try again" and asks for the quantity again.	Pass
7	Verify want to add nor not	User enters valid input (such as Y)	The product will be added to the list and display "do you want to add more products."	The product will be added to the list and display "do you want to add more products."	Pass
8	Deleting product	User enters valid input	The product will be deleted in the list and displays "Product details and the asks for the conformation"	The product will be deleted in the list and displays "Product details and the asks for the conformation"	Pass
9	Deleting Product	User enter Id number which is not in the list	There is no product with the product ID	There is no product with the product ID	Pass

			(Id number) in the system. Please try again.	(Id number) in the system. Please try again.	
10	Deleting products	User getting “You want to delete more product or go back to the menu” user enters Y	Display the console menu	Display the console menu	Pass
11	Print the list of the products	If the list is empty.	The console displays “Currently, the system lacks any products. Please attempt to add products before proceeding”	The console displays “Currently, the system lacks any products. Please attempt to add products before proceeding”	Pass
12	Print the list of the products	Prints all the Products	All the products displayed in sorted to product ID	All the products displayed in sorted to product ID	Pass
13	Verify saving data to a file.	The system has added all the products to the file. User enters 4 or “S” to save the data	The console displayed “Saving to File was Successful.”	The console displayed “Saving to File was Successful.”	Pass
14	Verify Load from File	User enters 5 or “L” in the menu	All the products will be shown	All the products will be shown	Pass
15	Launch the GUI	User enters 6 or “G” in the menu	Opens the GUI	Opens the GUI	Pass
16	Check exiting the program via the console menu	User enters 0 or “X” in the menu	Displays exiting the program and stops the program	Displays exiting the program and stops the program	Pass
GUI (Phase 3)					
17	Select Product Category	User selects electronics	Only electronic products will be shown on the list	Only electronic products will be shown on the list	Pass
18	Sorting the list	list of the items should be sorted.	List will be displayed sorted to the product Id.	List will be displayed sorted to the product Id	Pass
19	Dropdown option of the list of products (Electronic or clothing)	The user can select from a drop-down menu which type of product can be visualised	The details of the product will be shown.	The details of the product will be shown.	Pass
20	Shopping cart button	User selects shopping cart button	Shopping cart window will be popped.	Shopping cart window will be popped.	Pass
21	Adding items to shopping cart	User select items and gives add to cart	Selected items will be displayed in the cart.	Selected items will be displayed in the cart.	Pass

22	Discount 20%	Selected items is more than 3 the discount will be applied	The correct discount will be applied.	The correct discount will be applied.	Pass
23	Total Price	User can see the total price after the discount.	The correct total price will be displayed after the discount	The correct total price will be displayed after the discount	Pass
24	List can be scrolled	User can scroll the list if the list is too long	All the list will be show when scrolled	All the list will be show when scrolled	Pass
25	User Log in	User enters Valid user name	Take to the Westminster shopping center	Take to the Westminster shopping center	Pass
26	User log in	User enter invalid password	Display password is incorrect.	Display password is incorrect.	Pass
27	User log in	User enter new username and password to register and logs in.	The new user successfully added and take to the Westminster shopping center gui	The new user successfully added and take to the Westminster shopping center gui	Pass