Object Oriented Programming 5COSC019C

TEST PLAN

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Westminster Shopping System Test cases

Test Case No.	Test Case	Expected Result	Actual Result	Pass/Fail
1	Insert a string input to the main menu	Error message saying "Invalid input"	Error message saying "Invalid input"	Pass
2	Insert seven or higher number as input to the main menu	Error message saying "Wrong option command"	Error message saying "Wrong option command"	pass
3	Insert number 1 to add the product.	Asking for product type	Asking for product type	pass
4	Insert string input to the product type	Error message saying "Invalid input"	Error message saying "Invalid input"	pass
5	Insert number 1 to add the product	Asking for product ID	Asking for product id	pass
6	Add wrong product id format (Adr3)	Id format should be "A001"	Id format should be "A001"	pass
7	Add the right product ID format	Asking for product name	Asking for product name	pass
8	If the product type is selected as electronics	Asking for brand name and warranty period (warranty period should be between 1 to 12 months)	Asking for brand name and warranty period (warranty period should be between 1 to 12 months)	Pass

9	If the product type is selected as cloth	Asking for size (size should be between 10cm to 40cm) and colour (colour should be red, black, white, yellow, green, orange).	Asking for size (size should be between 10cm to 40cm) and colour (colour should be red, black, white, yellow, green, orange).	Pass
10	After all information is inserted, press enter.	Display message "product successfully added" and asking for the next input product type or want to exit from the product type window.	Display message "product successfully added" and asking for the next input product type or want to exit from the product type window.	Pass
11	Enter number 3 to the add product window menu	Exit from add product and go back to the main menu.	Exit from add product and go back to the main menu	Pass
12	Enter number 2 in the main menu	Asking for product id to delete the product	Asking for product id to delete the product	Pass
13	Enter the wrong ID number	Product not found message	Product not found message	Pass
14	If the product list is empty before coming to the delete product option	Display message "Product List is empty…"	Display message "Product List is empty…"	pass
15	Insert the correct ID to delete the product.	Showing the details of the product and asking to confirm the delete request	Showing the details of the product and asking to confirm the delete request	pass
16	Confirm the delete process.	Showing the message "product deleted successfully" and showing the remaining product count. Then goes	Showing the message "product deleted successfully" and showing the remaining product count. Then goes back to the main menu.	Pass

		back to the main menu.		
17	Select option three from the main menu.	Show the remaining products in the list by ordering according to the product ID number.	Show the remaining products in the list by ranking them according to the product ID number.	pass
18	If the product list was empty	Shows the message "Product list is empty…" and returns to the main menu.	Shows the message "Product list is empty…" and returns to the main menu.	pass
19	Select option four from the main menu	Shows the message "Product list saved to saveProductList.text file successfully" and goes back to the main menu	Shows the message "Product list saved to saveProductList.text file successfully" and goes back to the main menu	pass
20	Select option six in the main menu	Exit form the system.	Exit form the system.	pass
21	Restart the program	Load saved product information to the product ArrayList.	Load saved product information to the product ArrayList.	pass
22	Select option five in the main menu	Open GUI and then again ask for the inputs in the console	Open GUI and then again asks for the inputs in the console	pass

23	Insert a new username and password and press login.	The program doesn't log in.	The program doesn't log in.	Pass
24	Insert a new username and password and press register.	The username and password are saved in user ArrayList and show the message as	The username and password are saved in user ArrayList and show the message as	pass

		registered in the message panel.	registered in the message panel.	
25	Insert registered username and password and press login	If username and password are equal, Log in to the system and show the product table	If username and password are equal, Log in to the system and deliver the product table	pass
26	Insert already registered username and password and press register	The system doesn't log into the system.	The system doesn't log into the system.	pass
27	Cancel the window, re-open the GUI, and enter a pre-registered password. Then press login	The system should log in.	The system should log in.	pass
28	If the product count is less than or equal to 3.	Show that row in red colour.	Show that row in red colour.	pass
29	Click a product row.	All product information should be displayed in the bottom panel.	All product information should be displayed in the bottom panel.	pass
30	Click the cart button in the top right corner	Show the cart table page, and the table should be empty.	Show the cart table page, and the table should be empty.	pass
31	Filter products such as Cloth and Electronics.	Only relevant product types should be displayed.	Only relevant product types should be displayed.	pass
32	Click a product and press add to cart. Then, open the cart.	Selected products should be displayed in the cart, and the total should be displayed below.	Chosen products should be displayed in the cart, and the total should be shown below.	pass

33	Add the same product category 3 times.	The product total should have a discount of 20%	The product total should have a discount of 20%	pass
34	Add products to the cart from the product table	The product table count should be updated according to the reduced product.	Product count not reducing. Same count is always showing	fail
35	If only 3 products are available from one product type and the user already added 3 products to the cart from that product type	Users can't add more products from that type. And the message shows that the product is empty.	Users can't add more products from that type but product is empty message doesn't show.	One part passed
36	If the user is making the first purchase give them a 10% discount	Only the first purchase should get the 10% discount	All the users are getting the 10% discount	fail