

Informatics Institute of Technology
BEng(Hons) Software Engineering
Object Oriented Programming

5COSC019C

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Test Plan

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	Test Case	Expected Result	Actual Result	Pass / Fail
01	Launch the application	Menu is displayed	<p>THE MENU</p> <p>Enter 1 for Add a product</p> <p>Enter 2 for Delete a product</p> <p>Enter 3 for print the list of the products</p> <p>Enter 4 for save in a file</p> <p>Enter 5 load data from a file</p> <p>Enter 6 open the gui</p>	Pass
02	<p>Add a product, enter a for add electronic item and enter b for add cloth b</p> <p>enter the cloth item product id shirt</p> <p>enter the cloth item product name moose</p> <p>enter the cloth item size small</p> <p>enter the cloth item colour black</p> <p>enter the cloth item num of available items 50</p>	Product added to the system successfully	Id - shirt name-moose item added !	Pass

	enter the cloth item price 1900			
03	Enter invalid product type	An error message is displayed, and invalid input is handled	Invalid option given !	Pass
04	Delete a product enter product Id if you want to delete : shirt	The product gets deleted. Information regarding the product is displayed. The number of remaining products is displayed.	Successfully removed Item ! ----- Product type : Cloth Product ID : shirt Product name : moose Product price : 1900.0 Product size : small Product colour : black Product number available items: 50 -----	Pass
05	Enter a non-existing product ID	An error message is displayed.	Given product id not exists !	Pass
06	Display product list	Product details displayed.	----- Product type : Cloth Product ID : shirt Product name : moose Product price : 1500.0 Product size : large Product colour : red	Pass

			Product number available items: 50 ----- ----- Product type : Cloth Product ID : frock Product name : neels Product price : 3000.0 Product size : medium Product colour : purple Product number available items: 120 -----	
07	Save in a file	Saving product data in a file successfully.	file saved successfully	Pass
08	Run GUI	GUI opens successfully. Product details are loaded in the table	Enter your username: sanjaya Users loaded from file. Enter your password: 1234 Login successful!	Pass
09	Enter username and password	A new user is added	Enter your username: sanjaya Users loaded from file. User not found. Creating a new user.	Pass

			Enter a new password: 1234 Users saved to file. Login successful!	
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