**Object Oriented Programming – Test Plan**

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| --- | --- | --- |
| Test input | Expected output | Output obtained |
| Selects an option from the Menu console | | |
| 1. Option 0 selected. 2. Selects an option greater than 6. 3. Option selected is a String value | 1. Display an error message “Invalid Option. Please re-enter” 2. Displays an error message “You have selected an invalid option. Please re-enter” 3. Displays an error as message as “Invalid. Please re-enter a number according to the menu console.” | 1. Display an error message “Invalid Option. Please re-enter” 2. Displays an error message “You have selected an invalid option. Please re-enter” 3. Displays an error as message as “Invalid. Please re-enter a number according to the menu console.” |
| Selects Option 01: | | |
| 1. Product type entered is not an electronics/clothing 2. Correct product type entered | 1. Gives an error message as “Invalid product type.” 2. Shows the remaining products to be added to the system. | 1. Gives an error message as “Invalid product type.” 2. Shows the remaining products to be added to the system. |
| Selects Option 02: | | |
| 1. If there are no products added to the system. 2. Enter an invalid product ID. 3. Correct product ID entered. | 1. Displays a message “No products added yet.” 2. Displays a message “Invalid product ID”. 3. Displays the total number of products remaining in the system. | 1. Displays a message “No products added yet.” 2. Displays a message “Invalid product ID”. 3. Displays the total number of products remaining in the system. |
| Selects Option 03: | | |
| 1. No products added to the system. 2. If there are products added in the system. | 1. Displays an error message “No products added to the system yet.” 2. Prints all product details. | 1. Displays an error message “No products added to the system yet.” 2. Prints all product details |
| Selects Option 04: | | |
| When user selects option 04 | Saves the file | Saves the file |
| Selects Option 05: | | |
| When user selects option 05 | Opens the GUI | Opens the GUI |
| Filter products | | |
| 1. Selects All 2. Selects Electronics 3. Selects Clothing | 1. Displays all the products in the system. 2. Displays all the clothing items in the system. 3. Displays all the electronics items in the system. | 1. Displays all the products in the system. 2. Displays all the clothing items in the system. 3. Displays all the electronics items in the system. |
| Select products | | |
| When user selects a product from the table. | Display the details in the below panel. | Display the details in the below panel. |
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