**Test Plan and Validation**

Name: S. Chanthuki Kavinihara Fernando

IIT NO - 20221122

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test No | Action | Inputs | Expected Output | Actual Output | Test Result |
| 01 | Enter 1 to add a new product | 1 | Press 1 to add Electronic products.  Press 2 to add Clothing products. | To add Electronic products press 1.  To add Clothing products press 2 . | pass |
| 02 | Check invalid input type | k | Please enter valid number. | Please enter valid number. | pass |
| 03 | Enter 2 to delete a product | 2 | Enter product id -: | Please enter product id -: | pass |
| 04 | Enter 3 to print the list of the products | 3 | Electronics: productID = E1, productName = Laptop, numberOfAvailableItems = 6, price = 150000.0, brand = Hp, warranty = 1 | Electronics: productID = E1, productName = Laptop, numberOfAvailableItems = 6, price = 150000.0, brand = Hp, warranty = 1 | pass |
| 05 | Enter 4 to save the file | 4 | ----Data Saved Successfully to the File---- | ----Data Saved Successfully to the File---- | pass |
| 06 | Enter invalid input K | m | Please enter a valid option ! | Please enter a valid option ! | pass |
| 07 | Press 2 to add Clothing products. | 2 | Please Enter product id -: | Please Enter product id -: | pass |
| 08 | Enter 5 to open the GUI | 5 | Opens GUI | Opens GUI | pass |
| 09 | Enter 6 to exist | 6 | Exist application | Exist application | pass |