**Test Function Document**

|  |  |
| --- | --- |
| Project Name: Online Mart | |
| Automation Title: test\_searchAndBuyProduct | Version:1.0 |
| Testing Phase: Phase 1 | Date of Test: 20 Nov 2023 |
| Module Name: Online Shopping Cart | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Function Title: searchAndBuyProduct | | | | Test Designed by: Abu Taleb Jeehad | | | |
| Test Priority (Low/Medium/High):  High | | | | Test Designed Date: 19 Nov 2023 | | | |
| Description: This function use login , display\_filtered\_table and display\_filtered\_table to purchase products. | | | | Test Executed by: Abu Taleb Jeehad | | | |
| Test Execution date: 20 Nov 2023 | | | |
|  | | | | | | | |
| Pre-conditions: None | | | | | | | |
| Dependencies: login , display\_csv\_as\_table, display\_filtered\_table,logout | | | | | | | |
|  | | | | | | | |
| S. No | Equivalence Class | Test case data | Expected Results | | Actual Results | Status (Pass/Fail) | Notes |
| 1 | All inventory | Product.csv | Function returns all items | | Function returns all items | Pass | Products csv.  Test name: test\_searchAndBuyProduct\_all\_inventory |
| 2 | Filter inventory | Product.csv | Function returns The filter item | | Function returns The filter item | Pass | Test name: test\_searchAndBuyProduct\_filtered\_product |
| 3 | Search  Invention | Product.csv | Function returns the searched item | | Function returns Error | Fail | Input is header only  Test name: test\_searchAndBuyProduct\_search |
| 4 | Multiple Searches | Product.csv | Function returns the searched item | | Function returns  Error | Fail | Test name: test\_searchAndBuyProduct\_multiple\_searches |
| 5 | No search | Product.csv | Function returns All products | | Function returns Error | Fail | Test name: test\_searchAndBuyProduct\_no\_search |
| 6 | Empty input | Empty file | Function returns File is Empty | | Function returns  Error | Fail | Test name: test\_searchAndBuyProduct\_no\_products |
| 7 | Display Error | Product.csv | Function returns Display error | | Function returns Display error | Pass | Test name: test\_searchAndBuyProduct\_display\_error |
| 8 | Invalid checkout | Product.csv | Function returns Invalid checkout | | Function returns Invalid checkout | Pass | Test name: test\_searchAndBuyProduct\_invalid\_checkout |
| 9 | Successful checkout | Product.csv | Function returns Checkout success | | Function returns Checkout success | Pass | Test name: test\_searchAndBuyProduct\_successful\_checkout |
| 10 | Shopping loop | Product.csv | Function returns loop success | | Function returns count does not match | Fail | Test name:  test\_searchAndBuyProduct\_successful\_shopping\_cycle |