**Test Function Document**

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| Project Name: Online Mart | |
| Automation Title: display\_filtered\_table | Version:1.0 |
| Testing Phase: Phase 1 | Date of Test: 21 Nov 2023 |
| Module Name: Online Shopping Cart | |

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| Function Title: display\_csv\_as\_table | | | | Test Designed by: Abu Taleb Jeehad | | | |
| Test Priority (Low/Medium/High):  Medium | | | | Test Designed Date: 20 Nov 2023 | | | |
| Description: The display\_filtered\_table shows product details by searching by product from a csv files. | | | | Test Executed by: Abu Taleb Jeehad | | | |
| Test Execution date: 20 Nov 2023 | | | |
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| Pre-conditions: None | | | | | | | |
| Dependencies: | | | | | | | |
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| S. No | Equivalence Class | Test case data | Expected Results | | Actual Results | Status (Pass/Fail) | Notes |
| 1 | Existing product | A csv file with product that being search | Function returns “"['Product', 'Price', 'Units']\n['Xbox', '150', '22']"” | | Function returns “"['Product', 'Price', 'Units']\n['Xbox', '150', '22']"” | Pass | Test name: test\_search\_existing\_product |
| 2 | Non Existing product | A csv file without the product that being search | Function returns "Product not found." | | Function returns ['Product', 'Price', 'Units']” | Fail | Test name:  test\_search\_non\_existing\_product |
| 3 | Search with spaces | A csv file with product that being search | Function returns  " ['Product', 'Price', 'Units']\n['Laptop', '1000', '12']" | | Function returns " ['Product', 'Price', 'Units']\n['Laptop', '1000', '12']" | Pass | Test name: test\_search\_product\_with\_whitespace |
| 4 | Empty csv | Empty csv | Function returns  "CSV file is empty." | | Function returns  “StopIteration” | Fail | Test name: test\_search\_in\_empty\_csv |
| 5 | Case sensitive | Search with differed case | Function returns "['Product', 'Price', 'Units']\n['Laptop', '1000', '12']" | | Function returns "['Product', 'Price', 'Units']\n['Laptop', '1000', '12']" | Pass | Test name:  test\_search\_case\_sensitive\_product |
| 6 | Duplicate product name | A csv file contains duplicate product | Function returns "['Product', 'Price', 'Units']\n['Laptop', '1000', '12']\n['Laptop', '1100', '12']" | | Function returns "['Product', 'Price', 'Units']\n['Laptop', '1000', '12']\n['Laptop', '1100', '12']" | Pass | Test name: test\_search\_case\_sensitive\_product |
| 7 | Invalid csv | A csv file that is invalid | Function returns “Invalid Csv  ” | | Function returns  “ValueError” | Fail | Test name :  test\_search\_in\_invalid\_csv |
| 8 | Search numeric product | A csv file with numeric product | Function returns "['Product', 'Price', 'Units']\n['12345', '500', '10']" | | Function returns "['Product', 'Price', 'Units']\n['12345', '500', '10']" | Pass | Test name: test\_search\_product\_with\_numeric\_name |
| 9 | Special characters | A csv with a Special characters | Function returns “"['Product', 'Price']\n['Smart#TV', '1500']" | | Function returns “"['Product', 'Price']\n['Smart#TV', '1500']" | Pass | Test name: test\_search\_product\_with\_special\_characters |
| 10 | Colum missing fields | A csv file with missing colum | Function returns "Product name cannot be empty" | | Function returns “['Product', 'Price', 'Units']\n['', '500', '10']" | Fail | Test name: test\_search\_with\_empty\_product\_name |