**Test Function Document**

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| Project Name: Task 2 | |
| Automation Title: test\_display\_filtered\_table | Version:1.0 |
| Testing Phase: Phase 1 | Date of Test: 22 Nov 2023 |
| Module Name: Online Shopping Cart | |

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| Function Title: display\_filtered\_table | | | | Test Designed by: Iftekhar Kabir chowdhury | | | |
| Test Priority (Low/Medium/High):  Medium | | | | Test Designed Date: 21 Nov 2023 | | | |
| Description: display\_filtered\_table by conducting a product search within a CSV file, the function displays product details. | | | | Test Executed by: Iftekhar Kabir chowdhury | | | |
| Test Execution date: 22 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 | Simple | A csv file with products | Function returns "['Product', 'Price', 'unit']\n['Apple', '1', '5']\n" | | Function return "['Product', 'Price', 'unit']\n['Apple', '1', '5']\n" | Pass | Test name: test\_display\_filtered\_table\_simple |
| 2 | Empty | An Empytcsv file | Function '[table empty]' | | Function returns "['Product', 'Price', 'unit']\n" | Fail | Test name: test\_display\_filtered\_table\_empty |
| 3 | No product | A csv file with products | Function returns 'Product not found' | | Function returns "['Product', 'Price', 'unit']\n" | Fail | Test name: test\_display\_filtered\_table\_product\_not\_found |
| 4 | Case insensitive | A csv file with case insensitive products | Function returns 'Product,Price,unit\nBanana,1,5' | | Function returns "['Product', 'Price', 'unit']\n['Banana', '1', '5']\n" | Fail | Test name: test\_display\_filtered\_table\_case\_insensitive |
| 5 | Multiple matches | A csv file with Multiple matches products | Function returns "['Product', 'Price', 'unit']\n['Banana', '1', '5']\n['Banana', '1', '5']\n" | | Function returns "['Product', 'Price', 'unit']\n['Banana', '1', '5']\n['Banana', '1', '5']\n" | Pass | Test name: test\_display\_filtered\_table\_multiple\_matches |
| 6 | Special characters | A csv file with Special characters products | Function returns "['Product', 'Price','unit']\n['Apple', '1','6']\n" | | Function returns "['Product', 'Price', 'unit']\n" | Fail | Test name : test\_display\_filtered\_table\_special\_characters |
| 7 | Spaces in search term | A csv file with search terms | Function returns "['Product', 'Price','unit']\n['Banana', '0','75']\n" | | Function returns "['Product', 'Price', 'unit']\n" | Fail | Test name: test\_display\_filtered\_table\_spaces\_in\_search\_term |
| 8 | Empty string search term | A csv file with string search terms | Function returns "['Product', 'Price', 'unit']\n" | | Function returns "['Product', 'Price', 'unit']\n" | Pass | Test name: test\_display\_filtered\_table\_empty\_string\_search\_term |
| 9 | Search term not in header | A csv file with search terms header | Function returns "['Product', 'Price', 'unit']\n" | | Function returns "['Product', 'Price', 'unit']\n" | Pass | Test name: test\_display\_filtered\_table\_search\_term\_not\_in\_header |
| 10 | Numeric search term | A csv file with Numeric products | Function returns "['Product', 'Price', 'unit']\n['Banana','0','75']" | | Function returns "['Product', 'Price', 'unit']\n" | Fail | Test name: test\_display\_filtered\_table\_numeric\_search\_term |