**Test Function Document**

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| Project Name: Task 2 | |
| Automation Title: display\_filtered\_table\_test | Version: v1.0 |
| Testing Phase: Initial | Date of Test: 2023/11/23 |
| Module Name: Online Shopping Cart | |

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| Function Title: display\_filtered\_table | | | | Test Designed by: Jorge Alonso | | | |
| Test Priority (Low/Medium/High): Medium | | | | Test Designed Date: 2023/11/22 | | | |
| Description: Function that displays an inputted item from the CSV | | | | Test Executed by: Jorge Alonso | | | |
| Test Execution date: 2023/11/23 | | | |
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| Pre-conditions: No pre-conditions | | | | | | | |
| Dependencies: No dependencies | | | | | | | |
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| S. No | Equivalence Class | Test case data | Expected Results | | Actual Results | Status (Pass/Fail) | Notes |
| 1 | Invalid File | SQL file instead of CSV file | Exception | | Exception | Pass | I used the copy\_csv\_file to create a copy of the main CSV file. |
| 2 | Invalid File Input | The given file is not in String format | Exception | | Exception | Pass | I used the copy\_csv\_file to create a copy of the main CSV file. |
| 3 | Invalid List of Files | Instead of a file a list of files is provided | Exception | | Exception | Pass | I used the copy\_csv\_file to create a copy of the main CSV file. |
| 4 | Correct Header | The header provides the correct data types | ['Product', 'Price', 'Units'] | | ['Product', 'Price', 'Units'] | Pass | I used the copy\_csv\_file to create a copy of the main CSV file. |
| 5 | Correct Search Results | The searched product is correctly found | Apple, Backpack, Dumbbells, Hat, Cereal | | Apple, Backpack, Dumbbells, Hat, Cereal | Pass | I used the copy\_csv\_file to create a copy of the main CSV file. |
| 6 | Correct Type Input | The input is not a wrong input type | String | | String | Pass | I used the copy\_csv\_file to create a copy of the main CSV file. |
| 7 | Missing Input | The inputted product doesn’t exist. | Saxophone, Stairs, Sprite, Steak, BeerPong | | ‘’, ‘’ , ‘’ , ‘’ , ‘’ | Pass | I used the copy\_csv\_file to create a copy of the main CSV file. |
| 8 | Correct Rows | Rows from the CSV are correct | ['Strawberry', '4', '12']  ['Grapes', '3', '5']  ['Orange', '1.5', '8']  ['Banana', '1', '15']  ['Apple', '2', '10'] | | ['Strawberry', '4', '12']  ['Grapes', '3', '5']  ['Orange', '1.5', '8']  ['Banana', '1', '15']  ['Apple', '2', '10'] | Pass | I used the copy\_csv\_file to create a copy of the main CSV file. |
| 9 | Non-Existent File | The expected file does not exist | False | | False | Pass |  |
| 10 | Existent File | The expected file does exist | True | | True | Pass |  |

The only two inputs present in this function were the CSV file and the inputted product in order to be searched. In this case, my main focus was to test the different possibilities of files being passed, correct formatting, etc. For the inputted product I tried to test the existence of the product in the file and the correct typing of the input.