**Test Function Document**

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| Project Name: Task 2 | |
| Automation Title: display\_table\_as\_csv\_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\_table\_as\_csv | | | | Test Designed by: Jorge Alonso | | | |
| Test Priority (Low/Medium/High): Medium | | | | Test Designed Date: 2023/11/22 | | | |
| Description: Function that displays a csv file as a table | | | | 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 | 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. |
| 3 | 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. |
| 4 | Valid Print | The print format of the file is correct | "['header1', 'header2', ' header3']\n['value1', 'value2', ' value3']\n" | | "['header1', 'header2', ' header3']\n['value1', 'value2', ' value3']\n" | Pass | I use a mock object to simulate the opening of the file. |
| 5 | Non-existent File | The expected file does not exist | False | | False | Pass |  |
| 6 | Existent File | The expected file does exist | True | | True | Pass |  |
| 7 | Invalid Input File | The given file is not in String format | Exception | | Exception | Pass |  |
| 8 | Invalid List of Files | Instead of a file a list of files is provided | Exception | | Exception | Pass |  |
| 9 | Invalid Bool | Instead of a file a bool is provided | Exception | | Exception | Pass |  |
| 10 | Invalid Float | Instead of a file a float is provided | Exception | | Exception | Pass |  |

In this function the only available input to be tested is the CSV file, so I focused on testing the validity of the file, the way it displays information and the content of said information.