**Test Function Document**

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| Project Name: Assignment 1 – Task 2 | |
| Automation Title: test\_display\_csv\_as\_table | Version: 1.0 |
| Testing Phase: Phase 1 | Date of Test: 24-11-2023 |
| Module Name: A1\_unit\_testing\_students | |

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| Function Title: display\_csv\_as\_table | | | | Test Designed by: Isac Arrhenius | | | |
| Test Priority (Low/Medium/High): Medium | | | | Test Designed Date: 24-11-2023 | | | |
| Description: Tests the output for different contents of a csv or txt file for the function | | | | Test Executed by: Isac Arrhenius | | | |
| Test Execution date: 24-11-2023 | | | |
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| Pre-conditions:<Pre-conditions to start the test> None | | | | | | | |
| Dependencies: <Eg: Other functions being called> None | | | | | | | |
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| S. No | Equivalence Class | Test case data | Expected Results | | Actual Results | Status (Pass/Fail) | Notes |
| 1 | < Valid filename, empty csv file > | Content= '' | Exception raised | | Exception raised | Pass |  |
| 2 | <Valid filename, csv file > | Content= 'header1,header2,header3\n' | Prints: "['header1', 'header2', 'header3']\n" | | Prints: "['header1', 'header2', 'header3']\n" | Pass | Filename is automatically set to a temporary file, this is true for all tests with a valid filename EC. |
| 3 | <Valid filename, csv file > | Content= 'header1,header2,header3\nvalue1,value2,value3\n' | Prints: "['header1', 'header2', 'header3']\n['value1', 'value2', 'value3']\n" | | Prints: "['header1', 'header2', 'header3']\n['value1', 'value2', 'value3']\n" | Pass |  |
| 4 | <Valid filename, csv file > | Content= 'value1,value2,value3\n' | Prints: "['value1', 'value2', 'value3']\n" | | Prints: "['value1', 'value2', 'value3']\n" | Pass |  |
| 5 | <Valid filename, csv file> | Content= 'header1,header2,header3\nvalue1,value2,value3\nvalue4,value5,value6\n' | Prints: "['header1', 'header2', 'header3']\n['value1', 'value2', 'value3']\n['value4', 'value5', 'value6']\n" | | Prints: "['header1', 'header2', 'header3']\n['value1', 'value2', 'value3']\n['value4', 'value5', 'value6']\n" | Pass |  |
| 6 | <Valid filename, txt file > | Content= 'header1,header2,header3\nvalue1,value2,value3\n' | Prints: "['header1', 'header2', 'header3']\n['value1', 'value2', 'value3']\n" | | Prints: "['header1', 'header2', 'header3']\n['value1', 'value2', 'value3']\n | Pass |  |
| 7 | <Valid filename, txt file > | Content= 'value1,value2,value3\n' | Prints: "['value1', 'value2', 'value3']\n" | | Prints: "['value1', 'value2', 'value3']\n" | Pass |  |
| 8 | <Valid filename, txt file > | Content= 'header1,header2,header3\n' | Prints: "['header1', 'header2', 'header3']\n" | | Prints: "['header1', 'header2', 'header3']\n" | Pass |  |
| 9 | <Invalid filename> | Filename= 'not\_a\_file' | Exception raised | | Exception raised | Pass |  |
| 10 | <Invalid filename> | Filename= '' | Exception raised | | Exception raised | Pass |  |
| 11 | <Invalid input types> | Filename= 15 | Exception raised | | Exception raised | Pass |  |
| 12 | <Invalid input types> | Filename= 5003.5 | Exception raised | | Exception raised | Pass |  |
| 13 | <Invalid input types> | Filename= [temp\_file.name, "hello.csv", "products.csv", "login.py"] | Exception raised | | Exception raised | Pass | Temp\_file.name is the valid name of the temporary file. |