**Test Function Document**

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| Project Name: Assignment 1 – Task 2 | |
| Automation Title: test\_display\_filtered\_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\_filtered\_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 file with different searchwords | | | | 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 | <Invalid content> | Content= '' | Throws exception | | Throws exception | Pass |  |
| 2 | <Invalid filename> | Filename= 'not\_a\_file' | Throws exception | | Throws exception | Pass |  |
| 3 | <Failed search, no rows> | Content= 'Product,Price,Units\n'  Search= "" | Prints: "['Product', 'Price', 'Units']\n" | | Prints: "['Product', 'Price', 'Units']\n" | Pass |  |
| 4 | <Failed search, one rows> | Content= 'Product,Price,Units\nApple,5,25\n'  Search=”” | Prints= "['Product', 'Price', 'Units']\n" | | Prints= "['Product', 'Price', 'Units']\n" | Pass |  |
| 5 | <Failed search, one rows> | Content= 'Product,Price,Units\nApple,5,25\n'  Search= "banana" | Prints: "['Product', 'Price', 'Units']\n" | | Prints: "['Product', 'Price', 'Units']\n" | Pass |  |
| 6 | <Failed search, two rows> | Content= 'Product,Price,Units\nApple,5,25\nOrange,13,6\n'  Search= "banana" | Prints: "['Product', 'Price', 'Units']\n" | | Prints: "['Product', 'Price', 'Units']\n" | Pass |  |
| 7 | <Succesful search, two rows> | Content= 'Product,Price,Units\nApple,5,25\nOrange,13,6\n'  Search= "Apple" | Prints= "['Product', 'Price', 'Units']\n['Apple', '5', '25']\n" | | Prints= "['Product', 'Price', 'Units']\n['Apple', '5', '25']\n" | Pass |  |
| 8 | <Succesful search, two rows> | Content= 'Product,Price,Units\nOrange,5,25\nOrange,13,6\n'  Search= "Orange" | Prints: "['Product', 'Price', 'Units']\n['Orange', '5', '25']\n['Orange', '13', '6']\n" | | Prints: "['Product', 'Price', 'Units']\n['Orange', '5', '25']\n['Orange', '13', '6']\n" | Pass |  |
| 9 | <Succesful search, two rows> | Content= 'Product,Price,Units\nApple,5,25\nOrange,13,6\n'  Search= "Orange" | Prints: "['Product', 'Price', 'Units']\n['Orange', '13', '6']\n" | | Prints: "['Product', 'Price', 'Units']\n['Orange', '13', '6']\n" | Pass |  |
| 10 | <Succesful search, two rows> | Content= 'Product,Price,Units\ncar,5,25\ncart,13,6\n'  Search= "cart" | Prints= "['Product', 'Price', 'Units']\n['cart', '13', '6']\n" | | Prints= "['Product', 'Price', 'Units']\n['cart', '13', '6']\n['car', '5', '25']\n" | Fail |  |