**Test Function Document**

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| Project Name: Assignment 1 – Task 2 | |
| Automation Title: test\_search\_and\_buy\_product | 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: searchAndBuyProduct | | | | Test Designed by: Isac Arrhenius | | | |
| Test Priority (Low/Medium/High): Medium | | | | Test Designed Date: 24-11-2023 | | | |
| Description: Tests the function calls by the function since all it does is call other functions | | | | Test Executed by: Isac Arrhenius | | | |
| Test Execution date: 24-11-2023 | | | |
|  | | | | | | | |
| 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 | <all products> | ["all", "y"] | Display\_csv\_as\_table called once,  Display\_filtered\_table not called | | Display\_csv\_as\_table called once,  Display\_filtered\_table not called | Pass |  |
| 2 | <all products> | ["ALL", "y"] | Display\_csv\_as\_table called once,  Display\_filtered\_table not called | | Display\_csv\_as\_table called once,  Display\_filtered\_table not called | Pass |  |
| 3 | <searchword> | ["apple", "y"] | Display\_csv\_as\_table not called,  Display\_filtered\_tablecalled once | | Display\_csv\_as\_table not called,  Display\_filtered\_tablecalled once | Pass |  |
| 4 | <searchword> | ["orange", "n", "apple", "y"] | Display\_csv\_as\_table not called,  Display\_filtered\_tablecalled twice | | Display\_csv\_as\_table not called,  Display\_filtered\_tablecalled twice | Pass |  |
| 5 | <searchword> | ["orange", "n", "apple", "y"] | Login called once | | Login called once | Pass |  |
| 6 | <searchword> | ["orange", "n", "apple", "y"] | CheckoutAndPayment called once | | CheckoutAndPayment called once | Pass |  |
| 7 | <searchword> | ["orange", "hello", "apple", "y"] | Display\_filtered\_tablecalled twice | | Display\_filtered\_tablecalled twice | Pass |  |
| 8 | <searchword and all> | ["orange", "N", "all", "y"] | Display\_csv\_as\_tablecalled once,  Display\_filtered\_tablecalled once | | Display\_csv\_as\_tablecalled once,  Display\_filtered\_tablecalled once | Pass |  |