**Test Function Document**

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| Project Name: Assignment 1 – Task 1 | |
| Automation Title: test\_logout | 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: logout | | | | Test Designed by: Filip Eriksson | | | |
| Test Priority (Low/Medium/High): Medium | | | | Test Designed Date: 24-11-2023 | | | |
| Description: Tests if the function returns the correct value for different carts and inputs. Aswell as prints the correct outputs. | | | | Test Executed by: Filip Eriksson | | | |
| Test Execution date: 24-11-2023 | | | |
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| Pre-conditions:None | | | | | | | |
| Dependencies: None | | | | | | | |
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| S. No | Equivalence Class | Test case data | Expected Results | | Actual Results | Status (Pass/Fail) | Notes |
| 1 | <Empty cart> | [] | Return True | | Return True | Pass |  |
| 2 | <Not empty cart> | [{“Car”, 500, 2}]  Input=”Y” | Return True | | Return True | Pass |  |
| 3 | <Not empty cart> | [{“Car”, 500, 2}]  Input=”N” | Return False | | Return False | Pass |  |
| 4 | <Not empty cart> | [{“Car”, 500, 2}]  Input=”Hello” | Return False | | Return False | Pass |  |
| 5 | <Not empty cart> | [{“Car”, 500, 2}]  Input=”y” | Return True | | Return True | Pass |  |
| 6 | <Not empty cart> | [{“Apple”, 5, 5}]  Input=”Y” | Prints: "Your cart is not empty.You have following items\n['Apple', 5.0, 5]\n" | | Prints: "Your cart is not empty.You have following items\n['Apple', 5.0, 5]\n" | Pass |  |
| 7 | <Not empty cart> | [{“Apple”, 5, 5}, {“Blueberry”, 15, 5}, {“Watermelon”, 50, 10}]  Input=”Y” | Prints: "Your cart is not empty.You have following items\n['Apple', 5.0, 5]\n['Blueberry', 15.0, 5]\n['Watermelon', 50.0, 10]\n" | | Prints: "Your cart is not empty.You have following items\n['Apple', 5.0, 5]\n['Blueberry', 15.0, 5]\n['Watermelon', 50.0, 10]\n" | Pass |  |
| 8 | <Empty cart> | [] | Prints nothing | | Prints nothing | Pass |  |
| 9 | <Not empty cart> | [{“Banana”, 5, 5}]  Input=”Y” | Cart is empty after test | | Cart is empty after test | Pass |  |
| 10 | <Not empty cart> | [{“Banana”, 5, 5}]  Input=”N” | Cart is not empty after test | | Cart is not empty after test | Pass |  |