**Test Function Document**

|  |  |
| --- | --- |
| Project Name: Online Shopping Cart | |
| Automation Title: test\_logout | Version: 1.0 |
| Testing Phase: Phase 1 | Date of Test: 24 Nov 2023 |
| Module Name: Online Shopping Cart | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Function Title: logout | | | | Test Designed by: Lucas Åhl | | | |
| Test Priority (Low/Medium/High):  High | | | | Test Designed Date: 24 Nov 2023 | | | |
| Description: Function to logout a user | | | | Test Executed by: Lucas Åhl | | | |
| Test Execution date: 24 Nov 2023 | | | |
|  | | | | | | | |
| Pre-conditions: cart | | | | | | | |
| Dependencies: cart.items, cart.retrieve\_items, cart.clear\_items | | | | | | | |
|  | | | | | | | |
| S. No | Equivalence Class | Test case data | Expected Results | | Actual Results | Status (Pass/Fail) | Notes |
| 1 | Empty cart | (empty\_cart) | Result is True | | Result is True | Pass |  |
| 2 | Confirm filled cart | ["Y"], (non\_empty\_cart) | non\_empty\_cart.items == []  result is True | | non\_empty\_cart.items == []  result is True | Pass |  |
| 3 | Deny filled cart | ["N"]  (non\_empty\_cart) | result is False | | result is False | Pass |  |
| 4 | Confirm filled cart | ["y"]  (non\_empty\_cart) | non\_empty\_cart.items == []  result is True | | non\_empty\_cart.items == []  result is True | Pass |  |
| 5 | Deny filled cart | ["n"]  (non\_empty\_cart) | result is False | | result is False | Pass |  |
| 6 | Confirm filled cart | ["Y"], (one\_item\_cart) | one\_item\_cart.items == []  result is True | | one\_item\_cart.items == []  result is True | Pass |  |
| 7 | Deny filled cart | ["N"]  one\_item\_cart | result is False | | result is False | Pass |  |
| 8 | Confirm filled cart | ["x"]  (non\_empty\_cart) | result is False | | result is False | Pass | Invalid confirmation letter |
| 9 | Confirm filled cart | ["Y"]  (many\_items\_cart) | Result is True | | Result is True | Pass |  |
| 10 | Deny filled cart | ["N"]  (many\_items\_cart) | result is False | | result is False | Pass |  |
| 11 | Invalid int | (int\_item\_cart) | Raises Type Error | | Raises Type Error | Pass |  |
| 12 | Invalid string | (str\_item\_cart) | Raises Type Error | | Raises Type Error | Pass |  |
| 13 | Invalid float | (float\_item\_cart) | Raises Type Error | | Raises Type Error | Pass |  |