**Test Function Document**

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| Project Name: Online Shopping Cart | |
| Automation Title: test\_3 | Version: 1.0 |
| Testing Phase: Phase 1 | Date of Test: 27 Nov 2024 |
| Module Name: online\_shopping\_cart | |

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| Function Title: checkout | | | | Test Designed by: Jiaying He | | | |
| Test Priority (Low/Medium/High): Medium | | | | Test Designed Date: 24 Nov 2024 | | | |
| Description: The checkout function completes the checkout process | | | | Test Executed by: Jiaying He | | | |
| Test Execution date: 27 Nov 2024 | | | |
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| Pre-conditions: Login status | | | | | | | |
| Dependencies: None | | | | | | | |
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| S. No | Equivalence Class | Test case data | Expected Results | | Actual Results | Status (Pass/Fail) | Notes |
| 1 | EC1 | user.name=TestUser;  user.wallet=20;  cart.items =[ Product  ("Apple", 2, 1)]; | User wallet decreases by total cost; Cart is cleared; "Thank you for your purchase" is captured | | User wallet decreases by total cost; Cart is cleared; "Thank you for your purchase" is captured | Pass | Successful checkout  Test name: test\_checkout\_success() |
| 2 | EC2 | user.name=TestUser;  user.wallet=20;  cart.items = []; | No wallet changes; Display empty cart message; "Your basket is empty. Please add items before checking out." is captured | | No wallet changes; Display empty cart message; "Your basket is empty. Please add items before checking out." is captured | Pass | no item in the cart  Test name: test\_checkout\_no\_item() |
| 3 | EC3 | user.name=TestUser;  user.wallet=20;  cart.get\_total\_price = 25 | No wallet changes;"You don't have enough money to complete the purchase." is captured | | No wallet changes;"You don't have enough money to complete the purchase." is captured | Pass | total\_price > user.wallet  Test name: test\_checkout\_overrun() |
| 4 | EC4 | user.name=TestUser;  user.wallet=20;  cart.items =[ Product  ("Apple", 0, 1)]; | Wallet unchanged; Display purchase confirmation | | Wallet unchanged; Confirmation displayed | Pass | item's price is 0  Test name: test\_checkout\_zero\_item  () |