**Test Function Document**

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| Project Name: Task 3 | |
| Automation Title: test\_checkout | Version:1.0 |
| Testing Phase: Phase 1 | Date of Test: 2021-11-23 |
| Module Name: Online Shopping Cart | |

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| Function Title: test\_checkout() | | | Test Designed by: Lawend Mardini | | | |
| Test Priority (Low/Medium/High): Medium | | | Test Designed Date: 2021-11-23 | | | |
| Description: Takes a cart and a user and checks out the cart, if the user has sufficient funds and items in cart. | | | Test Executed by: Lawend Mardini | | | |
| Test Execution date: 2021-11-23 | | | |
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| Pre-conditions:  Shoppingcart is of class – ShoppingCart  User is of class - User | | | | | | |
| Dependencies: <Eg: Other functions being called> | | | | | | |
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| S. No | Equivalence Class | Test case data | Expected Results | Actual Results | Status (Pass/Fail) | Notes |
| 1 | VEC1 | Empty cart and wallet with funds | "Your basket is empty. Please add items before checking out." | "Your basket is empty. Please add items before checking out." | Pass | Test name: test\_checkout\_empty\_cart() |
| 2 | VEC1 | Empty cart and empty wallet | "Your basket is empty. Please add items before checking out." | "Your basket is empty. Please add items before checking out." | Pass | Test name: test\_checkout\_empty\_cart\_and\_wallet() |
| 3 | VEC3 | 1 item in cart and wallet with zero funds | "You don't have enough money to complete the purchase. Please try again!" | "You don't have enough money to complete the purchase. Please try again!" | Pass | Test name: test\_zero\_wallet\_balance() |
| 4 | VEC3 | 2 items in cart and wallet with insufficient funds | "You don't have enough money to complete the purchase. Please try again!" | "You don't have enough money to complete the purchase. Please try again!" | Pass | Test name: test\_2\_items\_insufficient\_checkout() |
| 5 | VEC3 | Item in cart and wallet with negative funds | "You don't have enough money to complete the purchase. Please try again!" | "You don't have enough money to complete the purchase. Please try again!" | Pass | Test name: test\_negative\_wallet\_balance() |
| 6 | VEC2 | 1 item in cart and wallet with sufficient funds | “Thank you for your purchase, User! Your remaining balance is 0.” | “Thank you for your purchase, User! Your remaining balance is 0.” | Pass | Test name: test\_succesful\_checkout() |
| 7 | VEC2 | 2 items in cart and wallet with sufficient funds | “Thank you for your purchase, User! Your remaining balance is 1.” | “Thank you for your purchase, User! Your remaining balance is 1.” | Pass | Test name: test\_2\_items\_checkout() |
| 8 | VEC2 | 2 items in cart and wallet with sufficient funds | There is no product salmon left after checkout | There is no product salmon left after checkout ( Salmon == None) | Pass | Checks out an item fully and then checks if item is removed from products-list.  Test name: test\_remove\_item\_from\_products() |
| 9 | IEC4 | Cart containing more items than in stock and wallet with sufficient funds | Should handle this case with some sort of error, and maybe check out the remainder of stock | Does not handle this case and buys up more than what’s left in stock | Fail | Test name: test\_checkout\_with\_insufficient\_units() |
| 10 | IEC5 | Cart with non-existing product and wallet with sufficient funds | Should handle this with some sort of error | Still checks out the users cart | Fail | Test name: test\_checkout\_non\_existing\_product() |