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| **Test Plan** | | | | | |
| **Software Component Name:**  **Date:** | | **Version No:**  **Tester Name:** | | **Page No:** | |
| **Test Number** | **Purpose/Type of test** | **Steps** | **Expected Behaviour** | **Actual Behaviour** | **Test**  **Passed** |
| 1 | To check the ShoppingCart constructor. | Create an ShoppingCart object, return getItems().size() | getItems().size() should equal too 0 | getItems().size() equals 0 | Yes |
| 2 | To check the addProduct() function. | Create an ShoppingCart object, apply the method addProduct and check the getItems().size() | getItems().size() should equal to 1 | getItems().size() equals 1 | Yes |
| 3 | Check the addProduct() function with Quantity | Create an ShoppingBasket object, implement the addProduct() function with the extra quantity parameter of 5 | The quanity of the first record of getItems() should equal to 5 | The quantity equalled too 5 | Yes |
| 4 | Check the removeProduct() function | Create an ShoppingBasket object, implement the addProduct() function twice, then use the removeProduct() function. | getItems().size() should equal to 1 | getItems().size() equals 1 | Yes |
| 5 | Check the removeProducts() with a quantity. | Create an ShoppingBasket object, implement the addProduct() function with a quantity of 8. The remove 3 from that quantity. | The quantity should equal to 5 | The quantity equalled too 5 | Yes |
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