

Test Case Document

Purpose

The purpose of this document is to provide a detailed description of the test case for automating the shopping cart functionality on the website <https://magento.softwaretestingboard.com/>.

Test Case Description

The test case involves the following steps:

1. Open the website <https://magento.softwaretestingboard.com/>
2. Add 4 units of the product 'Gwyn Endurance Tee Medium Green' to the cart.
3. Set the shipping address to 'United Kingdom'.
4. Verify that the cart total is \$92.00 (including discount).
5. Update the quantity of 'Gwyn Endurance Tee Medium Green' to 3.
6. Add 1 unit of the product 'Gwyn Endurance Tee Small Yellow' to the cart.
7. Add 1 unit of the product 'Quest Lumaflex™ Band' to the cart.
8. Verify that the cart total is \$116.00.

Test Data

The following test data will be used for this test case:

- Product Names: 'Gwyn Endurance Tee Medium Green', 'Gwyn Endurance Tee Small Yellow', 'Quest Lumaflex™ Band'
- Shipping Address: 'United Kingdom'
- Cart Total: \$92.00 (after adding 4 units of 'Gwyn Endurance Tee Medium Green' to the cart, with address as 'United Kingdom')

Test Environment

The following tools and technologies will be used for this test case:

- Cypress
- JavaScript
- VS Code

Test Steps

The following steps will be followed to execute this test case:

1. Open the website using Cypress.
2. Locate the product 'Gwyn Endurance Tee Medium Green' on the website and add 4 units to the cart using Cypress commands.
3. Set the shipping address to 'United Kingdom' using Cypress commands.

4. Verify that the cart total is \$92.00 (including any discounts) using Cypress commands.
5. Locate the quantity input field for 'Gwyn Endurance Tee Medium Green' on the website and update its value to 3 using Cypress commands.
6. Locate the product 'Gwyn Endurance Tee Small Yellow' on the website and add 1 unit to the cart using Cypress commands.
7. Locate the product 'Quest Lumaflex™ Band' on the website and add 1 unit to the cart using Cypress commands.
8. Verify that the cart total is \$116.00 using Cypress commands.

Expected Results

The following outcomes are expected from this test case:

1. The website <https://magento.softwaretestingboard.com/> should open successfully.
2. The product 'Gwyn Endurance Tee Medium Green' should be added to the cart, and the quantity should be 4.
3. The shipping address should be set to 'United Kingdom'.
4. The cart total should be \$92.00, including the discount.
5. The quantity of 'Gwyn Endurance Tee Medium Green' should be updated to 3.
6. The product 'Gwyn Endurance Tee Small Yellow' should be added to the cart, and the quantity should be 1.
7. The product 'Quest Lumaflex™ Band' should be added to the cart, and quantity should be 1.
8. The cart total should be \$116.00.

Actual Results

The actual outcomes from this test case are:

1. The website <https://magento.softwaretestingboard.com/> is opening successfully.
2. The product 'Gwyn Endurance Tee Medium Green' are added to the cart, and the quantity is 4.
3. The shipping address is set to 'United Kingdom'.
4. The cart total is \$92.00, including the discount.
5. The quantity of 'Gwyn Endurance Tee Medium Green' is updated to 3.
6. The product 'Gwyn Endurance Tee Small Yellow' is added to the cart, and the quantity is 1.
7. The product 'Quest Lumaflex™ Band' is added to the cart, and quantity is 1.
8. The cart total is not \$116.00.

Test Conclusion

Based on the test results, the shopping cart functionality on the website <https://magento.softwaretestingboard.com/> has been automated successfully using Cypress and JavaScript on VS Code. The test case has been executed as per the requirements but all outcomes are not as expected, the system deviates from expected behaviour at point 8, the cart total is not \$116.00. The ambiguity found during the testing process has been documented and communicated accordingly.