XRAY

TEST SET
Shopping Cart – Functional & Calculation

Project Name: **nopCommerce Test**

Issue: **NT-57**

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1. Introduction

1.1. Document Overview

This Test Report provides a summary of a test set. This document has been generated automatically from the test management platform.

1.2. Test Set Description

Covers cart operations including add, update, and remove functionality, quantity restrictions, price calculations, coupon handling, and cart data persistence across user sessions.

2. Tests

2.1. Test NT-52

2.1.1. Test Summary

User should be able to add, update, and remove products from shopping cart

2.1.2. Test Description

2.1.3. Pre-Condition(s)
None

2.1.4. Requirement(s) linked with this test

Requirement Key	Requirement Summary
NT-18	Product can be added, updated, and removed from cart

2.1.5. Test Procedure

This Manual Test has 3 Steps

Step	Action	Data	Expected Result
	Navigate to a product page and click on "Add to cart"		Product is added to shopping cart successfully
2	Open shopping cart and update product quantity		Cart updates with modified quantity and total amount adjusts accordingly
3	Remove the product from cart		* Product is removed from cart * Cart updates immediately

2.2. Test NT-53

2.2.1. Test Summary

Shopping cart does not accept zero, negative, or excessive product quantities

2.2.2. Test Description

2.2.3. Pre-Condition(s)
None

2.2.4. Requirement(s) linked with this test

Requirement Key	Requirement Summary

	NT-19	Invalid quantity (negative/zero/excess) is not accepted

2.2.5.   Test Procedure

This Manual Test has 3 Steps

Step	Action	Data	Expected Result
1 2	Navigate to Shopping Cart page		Cart page displays added product
	Enter invalid quantity values		System does not accept invalid quantity and displays appropriate message
3	Attempt to update cart with invalid quantity		Quantity is not updated

2.3.   Test NT-54

2.3.1.   Test Summary

Cart displays correct subtotal, tax, shipping, and discount calculations

2.3.2.   Test Description

2.3.3.   Pre-Condition(s)

None

2.3.4.   Requirement(s) linked with this test

Requirement Key	Requirement Summary
NT-20	Cart calculations (subtotal, tax, shipping, discount) are accurate

2.3.5.   Test Procedure

This Manual Test has 3 Steps

Step	Action	Data	Expected Result
1	Navigate to Shopping Cart page		Cart displays product details with subtotal amount
2	Apply shipping method and coupon code (if applicable)		Tax, shipping charges, and discount are applied accordingly
3	Review final total amount		Final total equals subtotal + tax + shipping – discount

2.4.   Test NT-55

2.4.1.   Test Summary

Coupon code applies discount correctly and invalid coupon displays error message

2.4.2. Test Description

2.4.3. Pre-Condition(s)
None

2.4.4. Requirement(s) linked with this test

Requirement Key	Requirement Summary
NT-21	Coupon code applies correctly and invalid coupon shows error

2.4.5. Test Procedure

This Manual Test has 3 Steps

Step	Action	Data	Expected Result
1	Navigate to Shopping Cart page		Cart page displays product and total amount
2	Enter a valid coupon code and apply		Discount is applied and total amount is reduced accordingly
3	Enter an invalid or expired coupon code and apply		* Discount is not applied * Appropriate error message is displayed

2.5. Test NT-56

2.5.1. Test Summary

Cart items persist after logout and re-login

2.5.2. Test Description

2.5.3. Pre-Condition(s)
None

2.5.4. Requirement(s) linked with this test

Requirement Key	Requirement Summary
NT-22	Cart data persists after logout/login

2.5.5. Test Procedure

This Manual Test has 3 Steps

Step	Action	Data	Expected Result
1	Navigate to Shopping Cart page		Cart displays selected products
2	Logout from the application		User is logged out successfully
3	Login again and open Shopping Cart		Previously added products)\ are still present in cart

3. Appendix A: Approval

Theundersigned acknowledge they have reviewed the **Test Set** and agree with the approach it presents.

Changes to this **Test Set** will be coordinated with and approved by the undersigned or their designated representatives.

Signature: *Date:* **25/02/2026**

Print Name: **Sujith Prakash Rudrapati**

Title: **QA Tester**

Role: