XRAY

TEST SET
Product & Search

Project Name: **nopCommerce Test**

Issue: **NT-46**

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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 category navigation, product details display, sorting and filtering, search functionality, and out-of-stock product behavior.

2. Tests

2.1. Test NT-41

2.1.1. Test Summary

Selected category should display relevant products correctly

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-9	Categories load with correct products

2.1.5. Test Procedure

This Manual Test has 3 Steps

Step	Action	Data	Expected Result
1	Navigate to a product category from the homepage menu		Category page loads successfully
2	Observe the list of displayed products		Only products belonging to the selected category are displayed
3	Open a product from the displayed list		Product details page opens successfully

2.2. Test NT-42

2.2.1. Test Summary

Product details page should display accurate price, images, and stock information

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-10		Product details page displays accurate information (price, image, stock)

2.2.5. Test Procedure

This Manual Test has 3 Steps

Step	Action	Data	Expected Result
1	Select a product from category or search results		Product details page loads successfully
2	Observe product information displayed on the page		Product name, price, images, description, and stock status are displayed clearly
3	Compare displayed details with product listing information		* Product price matches listing page * Images load properly without distortion * Stock availability is shown correctly

2.3. Test NT-43

2.3.1. Test Summary

Product sorting and filtering options should display results based on selected criteria

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-11	Product sorting and filtering work correctly

2.3.5. Test Procedure

This Manual Test has 3 Steps

Step	Action	Data	Expected Result
1	Navigate to a category containing multiple products		Product list is displayed
2	Apply sorting option (e.g., Price: Low to High)		Products are rearranged according to selected sorting option
3	Apply one or more filter options		* Displayed products match selected filter criteria * Product count updates accordingly * Clearing filters restores full product list

2.4.   Test NT-44

2.4.1.   Test Summary

Search functionality should return relevant results and handle invalid searches appropriately

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-12	Search returns relevant results and handles invalid searches properly

2.4.5.   Test Procedure

This Manual Test has 3 Steps

Step	Action	Data	Expected Result
1	Enter a valid product keyword in the search bar and click search		Relevant products matching the keyword are displayed
2	Enter an invalid or non-existing keyword in the search bar		No results message is displayed appropriately
3	Perform search using partial keyword or mixed case text		* Related products are displayed * Search handles case and partial matches correctly

2.5.   Test NT-45

2.5.1.   Test Summary

Out-of-stock or disabled product should restrict purchase and display proper status

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-13	Out-of-stock or disabled product shows correct behavior

2.5.5. Test Procedure

This Manual Test has 2 Steps

Step	Action	Data	Expected Result
1	Navigate to an out-of-stock or disabled product		Product page loads with clear stock or availability message
2	Attempt to add the unavailable product to cart		Product is not added to cart and appropriate message is displayed

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: