**Nop-commerce Test Plan**

**Application URL**: <https://demo.nopcommerce.com/>  
**Prepared by**: Sarveswara Reddy Vemulapati  
**Date**: 29/8/2025

**Name of the Module: Register**

**Test Plan Identifier:**

TP\_Nopcommerce\_module1\_2025

**Introduction:**

Test Plan to ensure new users can sign up correctly in Nopcommerce with accurate checks.

**Test Items:**

First name field, Last name field, Company name field, Newsletter checkbox, Password field, Confirm Password field, Register button, Gender button

**Features to be Tested:**

First name, Lastname, Gender, Register button, Password, Confirm Password.

**Features Not to be Tested:**

Newsletter checkbox

**Approach:**

Manual and Automation testing

Functional testing basing on the positive and negative test scenarios

Cross-browser testing (Chrome, Firefox, Edge)

Test on at least 2 mobile devices for responsive behaviour

**Pass/Fail Criteria:**

Pass if the function behaves as specified in the requirements.

Fails if the function behaves differently than the expected or breaks critical flow.

**Test Deliverables:**

Test Plan document

Test Cases

Test Summary Report

Bug Analysis Report

Final Sign-off Report

**Environmental Needs:**

Windows 10 / 11 test machines

Browser (Chrome, Firefox, Edge)

Android/iOS

Proper network connection

**Responsibilities:**

**Sarveswar** (Prepare and Execute test cases, log defects and test analysis report)

**Schedule:**

| **Activity** | **Timeline** |
| --- | --- |
| Test Planning | 29/8/2025 |
| Test Case Design |  |
| Test Execution |  |
| Bug Reporting & Retest |  |
| Test Closure |  |

**Risks and Contingencies:**

No risk

**Approval:** Vaishali Sonanis

**Name of the Module: Wishlist**

**Test Plan Identifier:**

TP\_Nopcommerce\_module2\_2025

**Introduction:**

Test plan for the Wishlist module in nopCommerce to verify users can save items for later and move them correctly to the cart.

**Test Items:**

Add to cart button, View wishlist button, Remove button, Update wishlist button, Email a friend button, quantity box.

**Features to be Tested:**

Add to wishlist, View wishlist, Remove from wishlist,Update wishlist, Move item from wishlist to cart.

**Features Not to be Tested:**

Email a friend.

**Approach:**

Manual and Automation testing

Functional testing basing on the positive and negative test scenarios

Cross-browser testing (Chrome, Firefox, Edge)

Test on at least 2 mobile devices for responsive behaviour

**Pass/Fail Criteria:**

Pass if the function behaves as specified in the requirements.

Fails if the function behaves differently than the expected or breaks critical flow.

**Test Deliverables:**

Test Plan document

Test Cases

Test Summary Report

Bug Analysis Report

Final Sign-off Report

**Environmental Needs:**

Windows 10 / 11 test machines

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Android/iOS

Proper network connection

**Responsibilities:**

**Sarveswar** (Prepare and Execute test cases, log defects and test analysis report)

**Schedule:**

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**Risks and Contingencies:**

No risk

**Approval:** Vaishali Sonanis

**Name of the Module: Login**

**Test Plan Identifier:**

TP\_Nopcommerce\_module3\_2025

**Introduction:**

This test plan is made to check whether the login page works correctly and allows users to sign in properly.

**Test Items:**

User Login and Authentication, User Email address, User Password, Forgot password button, Login Button, Your email address in forgot password page, Recover button .

**Features to be Tested:**

Valid and invalid login scenarios, Valid and invalid email in forgot password page, Error messages and validation.

**Features Not to be Tested:**

Third-party integrations

Backend database validation (assuming no database access).

**Approach:**

Manual testing and Automation testing.

Functional testing based on positive and negative test scenarios

Exploratory testing for security and UI issues

Cross-browser testing (Chrome, Firefox, Edge)

Test on at least 2 mobile devices for responsive behaviour

Regression testing for critical workflows

**Pass/Fail Criteria:**

Pass if the function behaves as specified in the requirements.

Fails if the function behaves differently than the expected or breaks critical flow.

**Test Deliverables:**

Test Plan document

Test Cases

Test Summary Report

Bug Analysis Report

Final Sign-off Report

**Environmental Needs:**

Windows 10 / 11 test machines

Browser (Chrome, Firefox, Edge)

Android/iOS

Proper network connection

**Responsibilities:**

**Sarveswar** (Prepare and Execute test cases, log defects and test analysis report)

**Schedule:**

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**Risks and Contingencies:**

No risk

**Approval:** Vaishali Sonanis

**Name of the Module:** Search box

**Test Plan Identifier:**

TP\_Nopcommerce\_module4\_2025

**Introduction:**

Test plan to check that the Search box and Search page work correctly and give proper results.

**Test Items:**

Search box validation, Search Button.

**Features to be Tested:**

Searching with valid item names shows the correct results matching the search.

Functionality of the search button.

**Features Not to be Tested:**

Third-party integrations

Backend database validation (assuming no database access).

**Approach:**

Manual testing and Automation testing.

Functional testing based on positive and negative test scenarios

Test on at least 2 mobile devices for responsive behaviour

**Pass/Fail Criteria:**

Pass if the function behaves as specified in the requirements.

Fails if the function behaves differently than the expected or breaks critical flow.

**Test Deliverables:**

Test Plan document

Test Cases

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Final Sign-off Report

**Environmental Needs:**

Windows 10 / 11 test machines

Browser (Chrome, Firefox, Edge)

Android/iOS

Proper network connection

**Responsibilities:**

**Sarveswar** (Prepare and Execute test cases, log defects and test analysis report)

**Schedule:**

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**Risks and Contingencies:**

No risk

**Approval:** Vaishali Sonanis

**Name of the Module:** Add to cart

**Test Plan Identifier:**

TP\_Nopcommerce\_module5\_2025

**Introduction:**

Test plan to check that the Add to Cart button works properly and items are added correctly to the cart page.

**Test Items:**

Search box validation, Search Button, Items that are selected from the search result, Add to Cart button

**Features to be Tested:**

Searching with valid item names shows the correct results matching the search.

Functionality of the search button.

Add to cart button.

**Features Not to be Tested:**

Third-party integrations

Backend database validation (assuming no database access).

**Approach:**

Manual testing and Automation testing.

Functional testing based on positive and negative test scenarios

Test on at least 2 mobile devices for responsive behaviour

**Pass/Fail Criteria:**

Pass if the function behaves as specified in the requirements.

Fails if the function behaves differently than the expected or breaks critical flow.

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Windows 10 / 11 test machines

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Proper network connection

**Responsibilities:**

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**Risks and Contingencies:**

No risk

**Approval:** Vaishali Sonanis

**Name of the Module:** Remove from cart

**Test Plan Identifier:**

TP\_Nopcommerce\_module6\_2025

**Introduction:**

Test plan to verify that the Remove from Cart button works correctly and items are properly removed from the cart.

**Test Items:**

Search Button, Selection of the items from the search result, Remove from Cart option

**Features to be Tested:**

Searching with valid item names shows the correct results matching the search, Functionality of the search button, Shopping cart, Remove from Cart X symbol.

**Features Not to be Tested:**

Third-party integrations

Backend database validation (assuming no database access).

**Approach:**

Manual testing and Automation testing.

Functional testing based on positive and negative test scenarios

Test on at least 2 mobile devices for responsive behaviour

**Pass/Fail Criteria:**

Pass if the function behaves as specified in the requirements.

Fails if the function behaves differently than the expected or breaks critical flow.

**Test Deliverables:**

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**Responsibilities:**

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**Risks and Contingencies:**

No risk

**Approval:** Vaishali Sonanis