**Test Plan for nopcommerce Application**

**Module 1:-Registration**

**Application URL**: https://demo.nopcommerce.com/  
**Prepared by**: Vangapandu Lakshman  
**Date**: 28/8/2025

**1. Test Plan Identifier**

TP-nopCommerce-Registration-2025-v1

**2. Introduction**

This test plan is prepared for the User Registration module of the nopCommerce demo web application. It validates that a new user can create an account successfully with proper validations, error messages, and confirmation messages.

**3. Test Items**

Gender(Male or Female),First name,Lastname,Company details(company name),Options(Newsletter),Password,Confirm password,Register,Information,Customer services,Footers.

**4. Features to be Tested**

Gender(Male or Female),First name,Lastname, Password,Confirm password,Register.

**5. Features Not to be Tested**

Company details(company name),Options(Newsletter), Information,Customer services,Footers.

Backend database validation.

**6. Approach**

Manual testing

Automation: Selenium with TestNG/Cucumber BDD for regression

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 behavior

Regression testing for critical workflows

**7. Item Pass/Fail Criteria**

Pass: Function behaves as specified in requirements

Fail: Function behaves differently than expected or breaks critical flow

**8. Suspension Criteria and Resumption Requirements**

NA

**9. Test Deliverables**

Test Plan document

Test Cases

Test Summary Report

Bug Reports

Final Sign-off Report

**10. Environmental Needs**

Windows 10 / 11 test machines

Browsers: Chrome, Firefox, Edge

Mobile devices (Android and iOS)

Stable network connection

**11. Responsibilities**

**Test Lead: Vaishali Sonanis**-

**Testers**: Lakshman— execute test cases, log defects

**Developers**-

**12. Schedule**

| **Activity** | **Timeline** |
| --- | --- |
| Test Planning | 28/8/2025 |
| Test Case Design |  |
| Test Execution |  |
| Bug Reporting & Retest |  |
| Test Closure |  |

**13. Risks and Contingencies**

No risk

**14. Approvals**

**Test Lead**: Vaishali Sonanis

**Project Manager**: Nawaz

**Module 2:-Login**

**1. Test Plan Identifier**

TP-nopCommerce-Login-2025-v1

**2. Introduction**

This test plan is prepared for the User Login module of the nopCommerce demo web application. It validates secure authentication, and error messaging for login functionality**.**

**3. Test Items**

Email,Password,Remember me,Forgot password,Log in,information,customer service,My account,Follow us,Newsletter subscribe,nopCommerce title.

**4. Features to be Tested**

Email,Password,Remember me,Forgot password,Log in.

**5. Features Not to be Tested**

information,customer service,My account,Follow us,Newsletter subscribe,nopCommerce title.

**6. Approach**

Manual testing

Automation: Selenium with TestNG/Cucumber BDD for regression

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 behavior

Regression testing for critical workflows

**7. Item Pass/Fail Criteria**

Pass: Function behaves as specified in requirements

Fail: Function behaves differently than expected or breaks critical flow

**8. Suspension Criteria and Resumption Requirements**

NA

**9. Test Deliverables**

Test Plan document

Test Cases

Test Summary Report

Bug Reports

Final Sign-off Report

**10. Environmental Needs**

Windows 10 / 11 test machines

Browsers: Chrome, Firefox, Edge

Mobile devices (Android and iOS)

Stable network connection

**11. Responsibilities**

**Test Lead: Vaishali Sonanis**-

**Testers**: Lakshman— execute test cases, log defects

**Developers**-

**12. Schedule**

| **Activity** | **Timeline** |
| --- | --- |
| Test Planning | 28/8/2025 |
| Test Case Design |  |
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| Test Closure |  |

**13. Risks and Contingencies**

No risk

**14. Approvals**

**Test Lead**: Vaishali Sonanis

**Project Manager**: Nawaz

**Module 3:-Search module**

**1. Test Plan Identifier**

TP-nopCommerce-Searching-2025-v1

**2. Introduction**

This test plan covers the Product Browsing & Search module of the nopCommerce demo web application. It ensures users can browse categories, filter products, and search effectively with correct results and responsiveness.

**3. Test Items**

Product listing pages, Product filters (price, brand, rating, etc.), Product search (basic & advanced), Sorting options (price low-high), Product details page navigation,logo,Footer.

**4. Features to be Tested**

Product listing pages, Product filters (price, brand, rating, etc.), Product search (basic & advanced), Sorting options (price low-high), Product details page navigation.

**5. Features Not to be Tested**

logo,Footer,

**6. Approach**

Manual testing

Automation: Selenium with TestNG/Cucumber BDD for regression

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 behavior

Regression testing for critical workflows

**7. Item Pass/Fail Criteria**

Pass: Function behaves as specified in requirements

Fail: Function behaves differently than expected or breaks critical flow

**8. Suspension Criteria and Resumption Requirements**

NA

**9. Test Deliverables**

Test Plan document

Test Cases

Test Summary Report

Bug Reports

Final Sign-off Report

**10. Environmental Needs**

Windows 10 / 11 test machines

Browsers: Chrome, Firefox, Edge

Mobile devices (Android and iOS)

Stable network connection

**11. Responsibilities**

**Test Lead: Vaishali Sonanis**-

**Testers**: Lakshman— execute test cases, log defects

**Developers**-

**12. Schedule**

| **Activity** | **Timeline** |
| --- | --- |
| Test Planning | 28/8/2025 |
| Test Case Design |  |
| Test Execution |  |
| Bug Reporting & Retest |  |
| Test Closure |  |

**13. Risks and Contingencies**

No risk

**14. Approvals**

**Test Lead**: Vaishali Sonanis

**Project Manager**: Nawaz

**Module 4:-Shopping cart**

**1. Test Plan Identifier**

TP-nopCommerce-Shopping cart-2025-v1

**2. Introduction**

This test plan covers the Shopping Cart module of nopCommerce. The module allows users to add, update, and remove products in their cart before checkout.

**3. Test Items**

Add products to cart, Update quantity in cart, Remove items from cart, Cart summary (subtotal, tax, total), Estimate shipping,Discount code,Gift cards,checkout,Footer.

**4. Features to be Tested**

Add products to cart, Update quantity in cart, Remove items from cart, Cart summary (subtotal, tax, total), Estimate shipping,Discount code,Gift cards.

**5. Features Not to be Tested**

Checkout process,logo,Footer.

**6. Approach**

Manual testing

Automation: Selenium with TestNG/Cucumber BDD for regression

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 behavior

Regression testing for critical workflows

**7. Item Pass/Fail Criteria**

Pass: Function behaves as specified in requirements

Fail: Function behaves differently than expected or breaks critical flow

**8. Suspension Criteria and Resumption Requirements**

NA

**9. Test Deliverables**

Test Plan document

Test Cases

Test Summary Report

Bug Reports

Final Sign-off Report

**10. Environmental Needs**

Windows 10 / 11 test machines

Browsers: Chrome, Firefox, Edge

Mobile devices (Android and iOS)

Stable network connection

**11. Responsibilities**

**Test Lead: Vaishali Sonanis**-

**Testers**: Lakshman— execute test cases, log defects

**Developers**-

**12. Schedule**

| **Activity** | **Timeline** |
| --- | --- |
| Test Planning | 28/8/2025 |
| Test Case Design |  |
| Test Execution |  |
| Bug Reporting & Retest |  |
| Test Closure |  |

**13. Risks and Contingencies**

No risk

**14. Approvals**

**Test Lead**: Vaishali Sonanis

**Project Manager**: Nawaz

**Module 5:-Wishlist module**

**1. Test Plan Identifier**

TP-nopCommerce-wishlist-2025-v1

**2. Introduction**

This test plan covers the Wishlist module of nopCommerce. The module allows users to save favorite products for later purchase. Testing ensures wishlist functionality, proper movement of items to cart.

**3. Test Items**

Add to wishlist, View wishlist, Remove from wishlist,Update wishlist, Move item from wishlist to cart,Email a frnd,Footer,logo.

**4. Features to be Tested**

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

**5. Features Not to be Tested**

Email a frnd,Footer,logo.

**6. Approach**

Automation: Selenium with TestNG/Cucumber BDD for regression

Manual 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 behavior

Regression testing for critical workflows

**7. Item Pass/Fail Criteria**

Pass: Function behaves as specified in requirements

Fail: Function behaves differently than expected or breaks critical flow

**8. Suspension Criteria and Resumption Requirements**

NA

**9. Test Deliverables**

Test Plan document

Test Cases

Test Summary Report

Bug Reports

Final Sign-off Report

**10. Environmental Needs**

Windows 10 / 11 test machines

Browsers: Chrome, Firefox, Edge

Mobile devices (Android and iOS)

Stable network connection

**11. Responsibilities**

**Test Lead: Vaishali Sonanis**-

**Testers**: Lakshman— execute test cases, log defects

**Developers**-

**12. Schedule**

| **Activity** | **Timeline** |
| --- | --- |
| Test Planning | 28/8/2025 |
| Test Case Design |  |
| Test Execution |  |
| Bug Reporting & Retest |  |
| Test Closure |  |

**13. Risks and Contingencies**

No risk

**14. Approvals**

**Test Lead**: Vaishali Sonanis

**Project Manager**: Nawaz

**Module 6:-Checkout & Payment module**

**1. Test Plan Identifier**

TP-nopCommerce-checkoutpayment-2025-v1

**2. Introduction**

This test plan is prepared for the Checkout & Payment module of the nopCommerce demo web application. The module allows customers to place orders by completing checkout steps (billing, shipping, payment) and ensures that orders are processed correctly.

**3. Test Items**

Checkout as a registered user, Billing address, Shipping address, Shipping method, Payment method, Order review and confirmation, Footer,logo.

**4. Features to be Tested**

Checkout as a registered user, Billing address, Shipping address, Shipping method, Payment method, Order review and confirmation

**5. Features Not to be Tested**

Footer,logo.

**6. Approach**

Manual testing

Automation: Selenium with TestNG/Cucumber BDD for regression

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 behavior

Regression testing for critical workflows

**7. Item Pass/Fail Criteria**

Pass: Function behaves as specified in requirements

Fail: Function behaves differently than expected or breaks critical flow

**8. Suspension Criteria and Resumption Requirements**

NA

**9. Test Deliverables**

Test Plan document

Test Cases

Test Summary Report

Bug Reports

Final Sign-off Report

**10. Environmental Needs**

Windows 10 / 11 test machines

Browsers: Chrome, Firefox, Edge

Mobile devices (Android and iOS)

Stable network connection

**11. Responsibilities**

**Test Lead: Vaishali Sonanis**-

**Testers**: Lakshman— execute test cases, log defects

**Developers**-

**12. Schedule**

| **Activity** | **Timeline** |
| --- | --- |
| Test Planning | 28/8/2025 |
| Test Case Design |  |
| Test Execution |  |
| Bug Reporting & Retest |  |
| Test Closure |  |

**13. Risks and Contingencies**

No risk

**14. Approvals**

**Test Lead**: Vaishali Sonanis

**Project Manager**: Nawaz

**Module 7:- Orders & Order History Module.**

**1. Test Plan Identifier**

TP-nopCommerce-Order & Order History-2025-v1

**2. Introduction**

This test plan is prepared for the Orders & Order History module of the nopCommerce demo web application. It ensures that users can view their placed orders, check order details, and verify status updates.

**3. Test Items**

Viewing past orders, Viewing order details, Checking order status, PDF invoice, Re-order functionality,print,Footer,logo.

**4. Features to be Tested**

Viewing past orders, Viewing order details, Checking order status, Re-order functionality.

**5. Features Not to be Tested**

PDF invoice, print, Footer,logo.

**6. Approach**

Manual testing

Automation: Selenium with TestNG/Cucumber BDD for regression

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 behavior

Regression testing for critical workflows

**7. Item Pass/Fail Criteria**

Pass: Function behaves as specified in requirements

Fail: Function behaves differently than expected or breaks critical flow

**8. Suspension Criteria and Resumption Requirements**

NA

**9. Test Deliverables**

Test Plan document

Test Cases

Test Summary Report

Bug Reports

Final Sign-off Report

**10. Environmental Needs**

Windows 10 / 11 test machines

Browsers: Chrome, Firefox, Edge

Mobile devices (Android and iOS)

Stable network connection

**11. Responsibilities**

**Test Lead: Vaishali Sonanis**-

**Testers**: Lakshman— execute test cases, log defects

**Developers**-

**12. Schedule**

| **Activity** | **Timeline** |
| --- | --- |
| Test Planning | 28/8/2025 |
| Test Case Design |  |
| Test Execution |  |
| Bug Reporting & Retest |  |
| Test Closure |  |

**13. Risks and Contingencies**

No risk

**14. Approvals**

**Test Lead**: Vaishali Sonanis

**Project Manager**: Nawaz