

Test Plan Document

Project Name : Register Page Module(NopCommerce)

Version : 1.0

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Reviewed By : [Team Lead / QA Lead]

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Document Status: Draft

1. Introduction

The purpose of this Test Plan is to define the strategy, scope, objectives, resources, schedule, and approach for testing the **Register Page Module** of the NopCommerce application. This ensures that the registration functionality works as expected and meets business requirements before release.

2. Objectives

- Verify that users can successfully create an account using the Register Page.
 - Ensure all mandatory fields are validated properly.
 - Verify error handling for invalid and missing inputs.
 - Validate UI, functional, and security aspects of the module.
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3. Scope of Testing

In Scope:

- Functional Testing of registration fields.
- Input validation (positive & negative).
- UI/UX verification (labels, alignment, responsiveness).
- Cross-browser testing (Chrome, Firefox, Edge).
- Security validations (password masking, data privacy).

Out of Scope:

- Backend database validation beyond registration.

- End-to-end workflows like email confirmation and login (covered in separate modules).
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4. Test Items

- Registration Page (UI + Functionalities).
 - Fields: First Name, Last Name, Email, Password, Confirm Password, Gender, Newsletter checkbox.
 - Buttons: Register, Back, Continue.
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5. Features to be Tested

- Mandatory field validation.
 - Proper error messages for invalid inputs.
 - Password strength and confirmation validation.
 - Newsletter checkbox (default checked).
 - Successful account creation with valid inputs.
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6. Features Not to be Tested

- Payment module.
 - Shopping cart functionality.
 - Other NopCommerce modules outside Registration.
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7. Test Strategy

- **Testing Levels:** Unit (dev), Integration, System, UAT.
- **Testing Types:**
 - Functional Testing
 - Positive Testing
 - Negative Testing
 - UI/Usability Testing
 - Security Testing (basic level)

- Regression Testing
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8. Test Environment

- **OS:** Windows 10, Windows 11
 - **Browsers:** Chrome (latest), Firefox (latest), MS Edge
 - **Tools:**
 - Manual Testing → Excel/Google Sheets (for test cases)
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9. Test Data

- Valid Email IDs (e.g., testuser01@gmail.com)
 - Invalid Emails (abc, test@, test@.com)
 - Weak & Strong Passwords
 - Blank input scenarios
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10. Entry and Exit Criteria

Entry Criteria:

- Register Page is developed and stable build deployed.
- All prerequisite documents (SRS, FRD) available.

Exit Criteria:

- All planned test cases executed.
 - All critical and major defects fixed and closed.
 - Test summary report prepared.
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11. Roles and Responsibilities

- **QA Tester (Adarsh)** → Prepare test cases, execute tests, log defects.
- **QA Lead** → Review test plan and cases.
- **Developer** → Fix reported bugs.
- **Project Manager** → Approve final release.

12. Deliverables

- Test Plan
- Test Scenarios & Test Cases
- Test Data Sheets
- Defect Report
- Test Summary Report

13. Risks & Mitigation

- **Risk:** Test environment not available on time.
 - *Mitigation:* Arrange backup test environment.
- **Risk:** Delay in build delivery from developers.
 - *Mitigation:* Align with Dev team for proper timelines.

14. Schedule

- Test Plan Preparation → 1 day
- Test Case Design → 2 days
- Test Execution → 3 days
- Defect Reporting & Retesting → 2 days
- Test Summary Report → 1 day

15. Approval

- QA Lead: _____
- Project Manager: _____