**Test Plan Document**

**Project Name** : Register Page Module(NopCommerce)  
**Version** : 1.0  
**Prepared By** : Adarsh Jayprakash Mishra  
**Reviewed By** : [Team Lead / QA Lead]  
**Date** : 14-09-2025  
**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.

**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).

**4. Test Items**

* Registration Page (UI + Functionalities).
* Fields: First Name, Last Name, Email, Password, Confirm Password, Gender, Newsletter checkbox.
* Buttons: Register, Back, Continue.

**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.

**6. Features Not to be Tested**

* Payment module.
* Shopping cart functionality.
* Other NopCommerce modules outside Registration.

**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

**8. Test Environment**

* **OS**: Windows 10, Windows 11
* **Browsers**: Chrome (latest), Firefox (latest), MS Edge
* **Tools**:
  + Manual Testing → Excel/Google Sheets (for test cases)
  + Defect Tracking → Google Docs / Jira (if available)

**9. Test Data**

* Valid Email IDs (e.g., testuser01@gmail.com)
* Invalid Emails (abc, test@, test@.com)
* Weak & Strong Passwords
* Blank input scenarios

**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.

**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: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_