

Test Summary Report (TSR)

Project Name: Register Page Module (nopcommerce demo)

Version: 1.0

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1. Test Objective

The objective of testing was to validate the **User Registration functionality** of the NopCommerce application to ensure that users are able to successfully register with valid inputs, mandatory and optional field combinations, and that the application behaves as expected in both positive and negative scenarios.

2. Scope of Testing

- **In-Scope:**
 - Registration page field validation (mandatory/optional fields).
 - UI alignment and label validation.
 - Email format and uniqueness checks.
 - Password and confirmation check.
 - Successful redirection after registration.
 - **Out of Scope:**
 - Login module testing.
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3. Test Approach

- **Type of Testing:** Manual Functional Testing
- **Test Levels:** System Testing
- **Test Techniques Used:** Equivalence Partitioning, Boundary Value Analysis, Positive & Negative Testing.

- **Entry Criteria:**
 - Application build deployed on QA environment.
 - Test scenarios & test cases reviewed and approved.
 - **Exit Criteria:**
 - All planned test cases executed.
 - All Critical/High severity defects fixed & re-tested.
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4. Test Environment

- **Environment:** QA
 - **Browser:** Chrome 128.0, Edge 127.0
 - **OS:** Windows 10, 64-bit
 - **Test Data:** Valid & Invalid user credentials created for test execution.
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5. Test Execution Summary

Metric	Count
Total Test Scenarios	14
Total Test Cases Executed	32
Passed Test Cases	29
Failed Test Cases	03
Blocked/Not Executed	00
Pass Percentage	90.6%

6. Defect Summary

Defect ID	Title/Description	Severity	Priority	Status
Bug_01	First Name accepts numeric and special characters	Minor	Medium	Open
Bug_02	Last Name accepts numeric and special characters	Minor	Medium	Open
Bug_03	Password accepts maximum length as of 64 characters	Minor	Medium	Open
Bug_04	Password accepts without including any numeric and special characters	Minor	Medium	Open

7. Risks & Issues

- Some defects are still **open** and pending fix (Bug_01,Bug_02,Bug_03 and Bug_04).
- Regression testing might be required after fixes.
- No major blockers observed during test execution.

8. Key Findings

- Mandatory field validations working as expected.
- Optional fields are not blocking registration process.
- System does not currently enforce **strong password policy**.
- UI alignment issues observed on smaller screen resolutions.

9. Test Conclusion

- Overall registration module is **working as expected** with few defects identified.
- Out of 32 test cases, 29 passed successfully, 3 failed, and 0 blocked.

- Critical functionalities (mandatory fields, registration success flow) have passed.
 - Pending defects need to be resolved before moving to **UAT/Production**.
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10. Recommendation

- Fix **High severity defects** before release.
- Perform regression testing after defect fixes.
- Once defects are closed, the module can be considered **ready for UAT**.