

Summary Report

This Report based on the 20 test cases executed for the Registration Page.

Project: Registration Page Testing

Date: 2024-10-16

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The objective of the test execution was to verify the functionality, usability, and validation constraints of the **Registration Page** by testing both positive and negative scenarios. The goal was to ensure that only valid inputs are accepted and all invalid data is appropriately handled by the system.

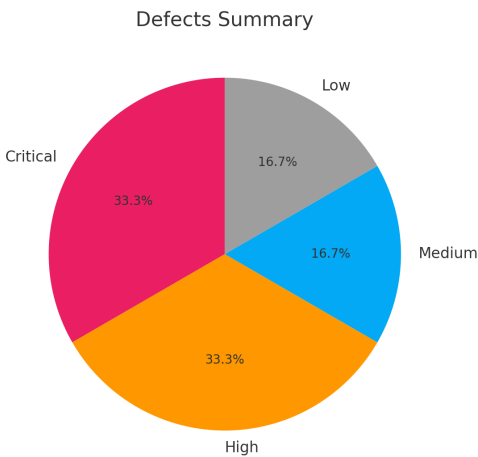
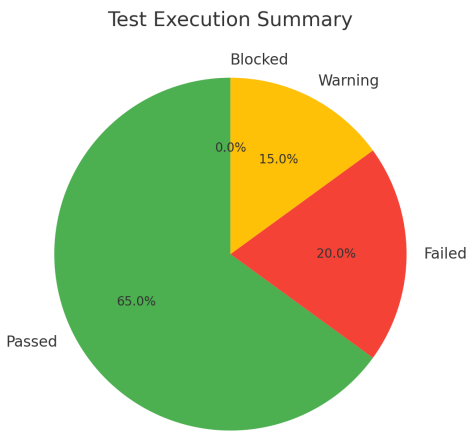
Test Execution Summary

Total Test Cases	Passed	Failed	Warning	Blocked
20	13	4	3	0

Defects Summary

Total Defects Found	Critical	High	Medium	Low
6	2	2	1	1

pictorial representations of the reports:



1. Test Execution Summary

- 65% Passed
- 20% Failed
- 15% Warning
- 0% Blocked

2. Defects Summary

- 33.3% Critical

- 33.3% High
- 16.7% Medium
- 16.7% Low

Key Findings

1. Validation Issues:

- Username and password length validations are either missing or not working correctly.
- Passwords without numeric characters are incorrectly accepted, which poses a security risk.

2. Usability Issues:

- The **Terms and Conditions** checkbox becomes disabled after the first submission attempt.
- **Country Dropdown** reverts to the default country (USA) after form submission, which can confuse users.

3. UI/UX Warnings:

- Some error messages are not aligned properly on the page (e.g., phone number error).
- Error messages are displayed but still allow the form to be submitted, creating inconsistencies (e.g., exceeding username length).

Recommendations

1. Critical Fixes:

- Implement proper validation for password constraints, ensuring that minimum length and digit rules are enforced.
- Fix the backend logic to prevent usernames longer than 15 characters from being accepted.

2. Usability Enhancements:

- Ensure the **Terms and Conditions** checkbox is always enabled for correction after submission.
- Improve the behavior of the **Country Dropdown** to retain the selected value post-submission.

3. UI Improvements:

- Align error messages correctly for better readability.
- Perform additional testing on edge cases (e.g., XSS payloads, SQL injection) for enhanced security.

The **Registration Page** meets basic requirements, but several validation and usability issues were identified. Immediate attention is required for password rules and username length validation. Once these critical defects are resolved, the system can undergo re-testing to ensure smooth functionality.
