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| **Test Plan Document** |
| **Project: Online Registration Form** |

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# Introduction:

# The registration form test plan outlines the testing approach for the registration process of a web application. This document provides details on the scope, objectives, test environment, test data, test scenarios, test execution schedule, risks, and assumptions related to testing the registration form.

# Objective:

The objective of this test plan is to ensure that the registration form functions correctly, securely, and effectively. The goal is to validate that users can successfully register on the platform without encountering any issues and that their data is captured accurately.

# Scope:

This test plan focuses on testing the registration form functionality, including fields validation, error handling, form submission, user authentication, and data storage. It covers both positive and negative test scenarios to ensure comprehensive coverage.

# Test Environment:

* Web Application
* Browser Compatibility (Chrome, Firefox, Safari, Edge)
* Operating System (Windows, MacOS, Linux)

# Test Scenarios:

* Verify all mandatory fields are populated
* Test email validation for correct format
* Test password strength requirements
* Test error messages for blank fields
* Verify successful form submission
* Test scenario for existing user email registration
* Verify that user can accept only one option for radio buttons.

# Test Execution Schedule:

* Test Planning [xyz start and end date]
* Test Case Development [xyz start and end date]
* Test Execution [xyz start and end date]
* Defect Reporting and Retesting [xyz start and end date]
* Closure and Sign-Off [xyz start and end date]

# Risk:

* Data Security Risks:  
   Ensure user data protection during registration
* Performance Risks  
   Address potential performance issues during high user load
* Compatibility Risks  
   Cross-browser and cross-platform compatibility issues

# Assumptions:

* Users have stable internet connectivity during the registration process
* The registration form follows the specified design and requirements
* The back-end system is operational and supports user registrations