#### **Test Plan Outline**

**1. Introduction** This test plan outlines the approach for testing the online registration form. The form collects user details, validates inputs, displays error messages, and submits the data upon correct completion.

**2. Objectives**

* Ensure all fields are present and functional.
* Validate input fields with appropriate error messages.
* Ensure successful form submission with valid data.
* Verify security aspects like password criteria and data protection.

**3. Scope** The test plan covers functional testing of the registration form. It includes field validation, error message verification, and form submission. Security and usability aspects will also be considered.

**4. Test Environment**

* Browser: Chrome, Firefox, Safari, Edge
* OS: Windows, macOS, Linux
* Tools: Cypress for automation, manual testing tools

**5. Test Data**

* Valid and invalid full names
* Various email formats (valid and invalid)
* Passwords meeting and not meeting criteria
* Date of birth in different formats
* Gender options
* Newsletter subscription options

**6. Test Scenarios**

* Validate required fields.
* Check email format validation.
* Password length and confirmation validation.
* Date of birth format validation.
* Gender selection.
* Newsletter subscription toggle.
* Successful form submission.

**7. Test Execution Schedule**

* Week 1: Test environment setup and initial testing.
* Week 2: Execute functional tests.
* Week 3: Execute negative tests and security checks.
* Week 4: Regression testing and final review.

**8. Risks and Assumptions**

* Assumption: Form specifications won't change during testing.
* Risk: Delays in environment setup could impact the schedule.