Test Plan for Form Submission [form](#)

1. Test Plan ID: TST-FORM-001

2. Objective:
To ensure the form works as expected by validating its input fields, submission process, and UI behavior.

This test plan also incorporates automation testing for repeatable scenarios to improve efficiency and coverage.

3. Test Scope:

- Validation of required fields.

- Field input types and formatting.

- Behavior of radio buttons and text inputs.

- Date format validation.

- Submit button functionality.

- **Automation Testing** for critical paths and regression testing to speed up testing cycles and improve consistency.

4. Test Environment:

- Browser: Chrome (latest versions).

- Devices: Desktop

- Operating System: macOS.

- Tools : Cypress for browser automation with version 14.2.1.

5. Resources Needed:

- Testers: 1 QA engineers for cross-browser and cross-device testing.

- Test Data: Predefined inputs for each field to cover valid and invalid scenarios.

- Test Scenarios: Multiple real-world use cases, including edge cases.

- **Automation Framework**: Cypress.

6. Assumptions:

- The server is functional and connected for form submission.

- The form is part of a live web application or test server.

- Automation scripts will be developed for repeated execution of test cases to ensure faster validation in each release cycle.

7. Testing Schedule:

- Estimated testing duration: 2 day, including automation script development..

8. Entry Criteria:

- All UI elements are designed and ready for testing.

- Form submission endpoint is available and functional.

- Automation scripts for functional testing are developed and validated.

9. Exit Criteria:

- All test cases pass without critical issues.

- All functionality works as expected.

- No blockers or major defects remain.

- Automation tests are successfully executed.