**User profile - Explanatory Test Plan**

WebPage to test:<https://qa-assessment.pages.dev/>

Testing Method : Manual testing

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# Purpose and Scope

This test plan defines the strategy for manually testing the User Profile Creation form. It focuses on form field behavior, input validation, error handling, user experience, and UI functionality

# Objective

The objective is to to create and document testing cases and bug defect report.

# Overview of the Webpage

The form on the page collects user data with real-time validation and feedback.

* It Contains required fields like Name, Email, Password (with format checks and error messages)
* It contains optional fields Gender, Date of Birth, Phone, Address, LinkedIn, GitHub
* It supports accurate error handling and proper submission of valid data

# Types of testing to be carried out

* Functionality testing: Validation, submission, and error handling
* UI testing: Layout, element positioning, responsiveness
* Usability testing: User flow, error clarity
* Compatibility testing: Browser compatibility
* Exploratory testing: using browsers dev tools to investigate bugs not covered by test script

# Summary of Form fields

* Mandatory: FirstName, LastName, Email, Password, Confirm Password
* Optional: Gende , Date of Birth, Phone Number , Address, LinkedIn and GitHub URLs (format checks)

# Test approach

* Try valid inputs to make sure everything works
* Test invalid/missing data to check error handling
* Test edge cases like empty forms and maximum character limits
* Check form behavior across Chrome, Firefox, and Safari

# Bug Severity

Bug severity will be set on one of this,

* **Critical** if the devices crashes or freezes while page is being accessed
* **High** if there are submission failures, major validation issues, browser problems
* **Medium** if there are UI issues , optional field bugs
* **Low** if minor browser differences

# Bug Reproducability

Bug reproducability  will be set on one of this,

* **Always** if it occurs everytime
* **Often** if it occurs once in a while
* **Once** if it occurs just one time and can not be reproducesd again

# What to Deliver

* Summary of the test
* Test case document
* Bug reports

# Steps to follow

* Test case creation
* Executing test cases and bug report creation
* Writing down comments or recommendations