

Project Report - Login & Registration Form

1. Project Overview

This QA project involves testing a Login & Registration form built using HTML, CSS, and JavaScript. The objective is to verify form validation, responsiveness across devices, and password security requirements.

2. Tech Stack Used

- HTML
- CSS (Responsive Design with Flexbox/Media Queries)
- JavaScript (Form Validation)

3. Scope of Testing

- Functional Testing
- UI/UX Testing
- Responsive Testing (Mobile, Tablet, Desktop)
- Validation for fields like Email and Password

4. Test Environment Details

Browser: Chrome v114+

Screen Sizes: 1440x900, 768x1024, 375x667

Tools: Chrome DevTools, Manual Testing

5. Test Scenarios & Cases

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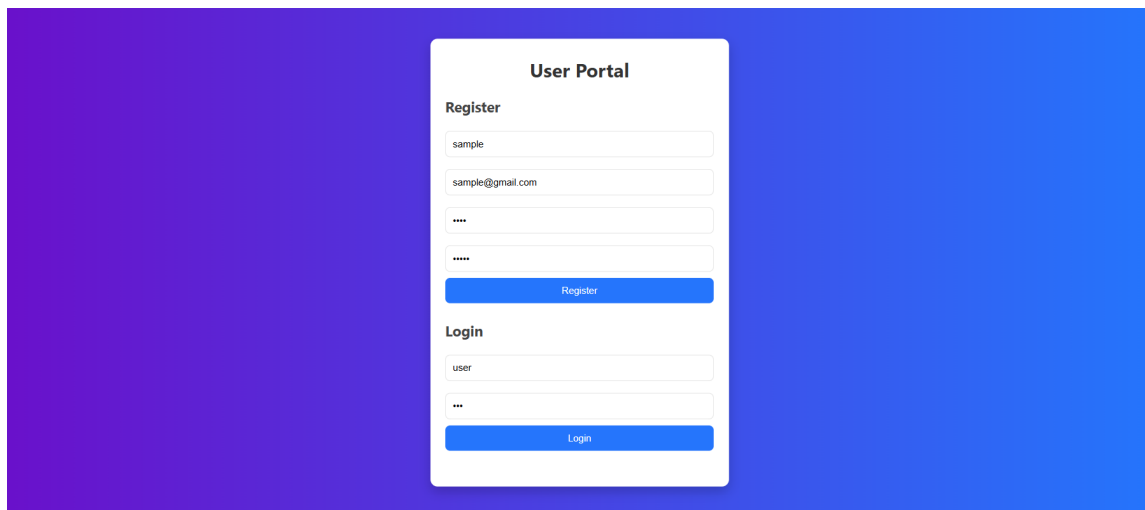
- Check required fields (username, email, password)
- Validate password rules (min 6 chars, must include number/special char)
- Responsive layout on mobile/tablet
- Form alerts for invalid input
- Submit form with valid and invalid data

6. Test Results

All test cases were executed. The form passed all functional and UI validation checks across screen sizes.

Below are screenshots from the tests.

7. Screenshots



The screenshot displays a 'User Portal' interface with a white background and rounded corners, centered on a blue gradient background. The portal is divided into two sections: 'Register' and 'Login'. The 'Register' section includes input fields for 'username' (containing 'sample'), 'email' (containing 'sample@gmail.com'), and 'password' (containing '****'), followed by a blue 'Register' button. The 'Login' section includes input fields for 'username' (containing 'user') and 'password' (containing '***'), followed by a blue 'Login' button.