

## PART 3: BUG DOCUMENTATION

### Bug #1 - Registration allows weak passwords

- Title: Registration does not enforce strong password policy
- Severity: Medium
- Priority: High
- Steps to Reproduce:
  1. Go to /register
  2. Enter email: test1@example.com
  3. Enter weak password: 123
  4. Click Register
- Expected: Error message for weak password
- Actual: User is registered successfully
- Suggested Fix: Add frontend & backend password validation

### Bug #2 - Accessing /profile directly without login shows blank page

- Title: Unauthenticated access results in blank page
- Severity: High
- Priority: High
- Steps to Reproduce:
  1. Open incognito window
  2. Go to <http://localhost:3000/profile>
- Expected: Redirect to login page
- Actual: Blank page or error
- Suggested Fix: Add route protection for private pages

### Bug #3 - No feedback when login fails

- Title: No error displayed on login failure
- Severity: Medium
- Priority: Medium
- Steps to Reproduce:
  1. Go to /login
  2. Enter invalid credentials
  3. Click Login
- Expected: Message like "Invalid email or password"
- Actual: No visual feedback, only console error
- Suggested Fix: Display server message in UI