

[1] If invalid or improper inputs are given to the system, it should not crash or display raw error information. Error messages should be shown or users should be disallowed from sending invalid or improper input.

- [2] On a successful signup, the user should be taken to the login page with a message indicating their registration was successful. Otherwise, an error message should be shown on the sign-up page.

- [3] An error message is already present in the template, but should only be visible if an error occurred during signup.

- [4] When a user logs in, they should see the data they have added to the application.

- [5] Creation: On successful note creation, the user should be shown a success message and the created note should appear in the list.

- [6] Upload: On successful file upload, the user should be shown a success message and the uploaded file should appear in the list.

- [7] Creation: On successful credential creation, the user should be shown a success message and the created credential should appear in the list.

- [8] The application should not allow duplicate usernames or duplicate filenames attributed to a single user.

- [9] A logged-in user should only be able to view their own data, and not anyone else's data. The data should only be viewable to the specific user who owns it.

- [10] All the passwords should be stored as encrypted in the database and shown as encrypted when the user retrieves them.

- [11] Write a Selenium test that signs up a new user, logs that user in, verifies that they can access the home page, then logs out and verifies that the home page is no longer accessible.

- [12] Write a Selenium test that logs in an existing user with existing notes, clicks the edit note button on an existing note, changes the note data, saves the changes, and verifies that the changes appear in the note list.

- [13] Write a Selenium test that logs in an existing user with existing credentials, clicks the delete credential button on an existing credential, and verifies that the credential no longer appears in the credential list.