

Unit Testing

1. Test Case ID: 1A - Valid Username, Valid Password
 - a. Ensuring a valid username and a valid password proceeds to login. Parameters include letter and number characters.
 - b. **Test Description:** A username and password that is already included in the database was entered into the web application. The username was “test” and the password was “test.” As a result, the application sends an alert that the credentials were correct and proceeds to the user home page. This means that the test was successful.
2. Test Case ID: 1B - Invalid Username, Invalid Password
 - a. Ensuring a invalid username and an invalid password produces an error. Parameters include letter, number, and special characters.
 - b. **Test Description:** A username and password that is not already included in the database was entered into the web application. As a result, the application sends an alert that the credentials were incorrect. This means that the test was successful.
3. Test Case ID: 4A - Add Task to Existing List
 - a. Users can add a task to a pre-existing list and it is displayed in the proper place. Parameters include letter and number characters.
 - b. **Test Description:** A task was added to the **Home** to-do list to see if it would display correctly. The task successfully displayed in the category.
4. Test Case ID: 4B - Remove Item from Existing List
 - a. Confirming that a pre-existing task can be deleted from a list.
 - b. **Test Description:** A task was deleted from the **Home** to-do list to see if it would be removed. The task was successfully removed from the category and screen.
5. Test Case ID: 4C - Mark Item as Complete
 - a. Verifying that a user can mark a task as complete. Parameters are boolean types ‘true’ and ‘false’.
 - b. **Test Description:** The check box to mark as completed on a previously added task was selected. The task successfully moved to the completed section of the category and displayed the task title with a strikethrough.