

Feature 1: Login

- If the user uses valid username and password, they should be able to login
- If the user uses incorrect password, the page will show an error message that says "incorrect password" or something similar
- If the user uses incorrect username, they will be redirected to register page

For these tests, we can use the data:

- John123 for the username
- Password!!! for the password
- Any string for the incorrect username
- Any string for the incorrect password
- The test environment is just the development environment - we haven't pushed our product yet

Feature 2: Register

- If a new user registers, their information should be stored in the users database
 - Expected: "Registration Successful"
- If the users information is not present in the database after registration, there will be an error message shown saying "Registration Failed"
 - EX: If someone registers with the username Owen and password 01234, the function for registration will run
 - After the function runs, we will check to see if the user Owen is present in the database and the corresponding password is 01234
- The test data used will be the username and password.
- The tests will take place on our local environments
- If many randomly generated usernames and passwords are properly inserted into the users database, the feature will pass the testing requirements
- A user should be able to register an account with a username and password of their choosing

Feature 3: Map locations are accurate

- When a user selects a spot they want to see a location for, the Google maps api will be called with a specific longitude and latitude
 - Expected: Correct Location Displayed
- If the location in the embedded map matches the location in Google maps when manually typing in the longitude and latitude, it will pass
 - EX: The user selects a spot and a location shows up on the map
 - We manually check the longitude and latitude in Google Maps
 - If they are the same, the test passes
- The test data will be the location on the embedded map and the location in Google Maps
- The tests will take place in our local environments
- A user should be able to click on a spot and view the correct location in the embedded map

User acceptance testers:

- Our roommates, friends, and people who haven't used the website before.