

Lab 11 - Testing

Feature 1:

Adding city to favorites

Test Cases

- When a city is favorited, the city should be added to the user favorites page as well as the database correlating with the favorites list.
- The user must be logged in
- The user must be on the discover page
- The user must click the add button on any city
- The response should result in either an error or successfully added message.
- The city should be displayed in the user profile -> favorites page

Test Data

- Selecting a city listed in the discover list to be added and placed in the favorites list.
- This will use the database to store this data with the logged in profile

Test Environment

- The test should be done on the QA environment
- QA database with dummy data to mimic real data

Test Results

- The test should result in one of three possible cases. One is that the city is not found when looking up the city, the second is that the city is found, but isn't able to be favored, and the third is that the city is successfully added to the favorites list.

User Acceptance Testers

- Ian

Example

- Boulder, CO -> add [message: "successfully added to your favorites list"]

Feature 2:

Login/ testing database for validity

Test Case

- When you input username and password the test should check to see if your data is stored and see if you have previously registered or logged in.
- When invalid username or password is entered, it is detected and relayed to user

Test Data

- Input a previous login data to check if successfully logged in.
- Putting in incorrect login/password to check that login does not work if those two are not correctly inputted.
- The username and password to be compared to will be stored in the database for the dev environment.

Test Environment

- QA environment
- QA database with dummy data to mimic real data

Test Results

- The User should be correctly logged in when correct username and password is entered
- The User should be redirected to the login screen again with error message if username or password was incorrect

User Acceptance Testers

- Jay

Example:

Username: admin1234

Password: PASSWORD

Login Successful!

Feature 3:

Testing api call for displaying city information - testing Discover page to ensure that certain cities appear when certain parameters are used.

Test Case

- User must be logged in.
- User must click on discover more button on a previously existing favorite on their favorites page.
- User will then go to Discover page.
- User will enter several parameters for cities that may be discovered.
- User will see cities that should be inside of the temperature and geographic range.

Test Data

- Inputting temperature range
- Inputting domestic/international
- Inputting certain weathers
- Inputting humidity

Test Environment

- QA Environment
- QA database with dummy data to mimic real data

Test Results:

- When a user clicks on the discover more button on a favored city card, the user should be redirected to the discover page with parameters already filled in.
- A logged-in user should be able to access the discover page, and, once there, should be able to input several parameters to the form, including temperature data, whether or not they have a preference for which country the city is located in, and other parameters that are less relevant.

User Acceptance Testers

- Will

Example:

- Fill in temperature range 65-70 degrees
- Fill in domestic
- Fill in sunny
- Fill in humidity <20%
- Test to see that we find results that match input data