

Lab 11: Anja, Cooper, Max, Logan, Grant

User Acceptance Testing:

Register Tests:

1. We will test to make sure that the register function works properly.
2. We can use these three test cases:
 - a. If name is non empty
 - b. If username does not match another username
 - c. If zipcode is a real zip code
3. We will use the data we have saved for users and we will test through trying to add users in chai.
4. We will be using local host to test our feature
5. We will expect our test to have 200 status if it works.
6. Grant will be testing if registers work.

Test Image Generation:

1. This will test whether or not the image on the current weather page is being generated correctly. This will check if the image matches the weather.
2. We can use these three test cases
 - a. Test if sunny image matches sunny weather
 - b. Test if rainy image matches rainy weather
 - c. Test if cloudy image matches cloudy weather
3. We will be using the data we receive from our api that we load into a variable named description. We then take this data and change our image accordingly based on the description received and words received like snowy, cloudy, partly cloudy, mostly sunny, etc.
4. We will be using localhost to test our feature
5. We will expect our test to have status 200 if the images match so our results should be successful.
6. Logan will be testing the image generation.

Wind Speed Test:

1. This test is aimed to check if the wind speed icon is updating based on the wind speed
2. We will use different wind speeds and match them to icons:
 - a. Wind speed of 0 compared to icon 0
 - b. Wind speed of 13 compared to icon 1
 - c. Wind speed of 76 compared to icon 5
3. We will be using the data we take in from the API to set our wind speed and then we will use the icons we have saved and compare them.
4. We will be using the local host to test our feature.
5. The way we will test our feature is we will expect there to be a 200 status if the feature works the way we'd expect (the icons match). Otherwise we will expect some sort of error.
6. Cooper will be testing the wind speed icons.