

Sergio Campos Ramirez
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CS 290 – Fall 2018

Activity: Sessions

For the activity, I followed the suggestion to extend the to-do list application and allowed users to add to-do items with the city for the to-do items need to happen in and minimum temperatures for each to-do. Each to-do that the user added was displayed along with feedback from the OpenWeatherMap that highlighted a to-do as green or red depending on the temperate at that particular city. If the to-do could be done, then it was high listed as green or red if it could not be done due to the temperature.

The first issue I encountered was with the order of my GET requests. I started a JS file from scratch and made the mistake of putting the asterisk as the first route in the order. This caused the other routes to fail when requested. I quickly figured out the error and fixed it.

I had the most trouble with consistency of variable names across the session object which cause repeated failures in actually getting the app to track and reset the number of pages views. I also, I ran in to trouble with the general scope of the variables. When setting up the GET request from OpenWeatherMap, I did not have the access to a nested array object that stored the received information.

I also had issues displaying the highlight based on the feedback from OpenWeatherMap. The issue was that I failed to render the page inside the request call-back function. I thought that I did not correctly parse the JSON object returned, but that was not the case as I was able to see the feed from OpenWeatherMap in the console.

I used the POST and GET checker from the previous week for a nested asynchronous post request. I input data a number of times to ensure that the checker was working. I tested several potential error situations such as reloading the page and pushing the back button to ensure proper handling of the input.