CS290 Week 8 Activity

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Abstract

This document is aa brief discussion of the week 8 activities for CS 290. These activities focused on working with sessions in server side programming. What follows is a discussion of some of the difficulties I encountered while working on the recommended activity and the way I checked my understanding of the week's topics.

1 DIFFICULTIES AND SOLUTIONS

For this week's activity I chose to try out the recommended mini project that involves using Open Weather Map and the to-do list from the lectures. For me, the toughest part was making HTTP POST requests from the server. It was difficult to make sure I crafted the HTTP request with the correct syntax. I had a few requests that did not go through because I was not building up the request properly. However, by paying close attention to the details I was able to properly construct a POST and handle the data that was returned.

2 CHECK FOR UNDERSTANDING

In order to verify to myself that I understand the topics from this week, I built an example project that used Open Weather Map and the to-do list from the lecture material. This project used sessions to keep track of a user's to-do list, and then talked to Open Weather Map to see if that activity was feasible based on the weather where the activity needs to take place. Since all of these requests were GET's, I leveraged the URL shortener example to perform a POST. For example, if a user wanted to share my weather to-do list page on their social media they could get a shortened URL of the site just from within the site.