

CS 410P/510 – Front End Web Technologies

Final Project Description

Final Project: A Dashboard Application

- ❑ Build a front-end (or full-stack) dashboard application.
 - ❑ Use one or more APIs (i.e. Open Weather, Yelp, IMDB, Google Maps API, Rest Countries, etc) to gather data. Alternatively, you can choose to use open source datasets (i.e. elections data, twitter datasets, etc).
 - ❑ Create a dashboard that outputs key metrics and data points of the data you gathered. To accomplish this, you can choose various graphs, charts, maps, animations, etc.
- ❑ **Expectations:**
 - ❑ Create a public repo for this assignment.
 - ❑ You are encouraged to use the technologies we covered in class, but you can choose to use other languages and frameworks.
 - ❑ This is a team project for groups of 2-3 students, with everyone contributing to the project repo.
 - ❑ You must write your own code for this project. If you use any outside libraries or follow any tutorials, you should document that in your project Readme file.
 - ❑ Your repo should have at least 20 meaningful commits per person for this project and each person should contribute at least 1,000 lines of code.
 - ❑ Time: 8-10/hrs/week/person for five weeks.
 - ❑ Keep a journal of what worked, what didn't, what you had to install, issues you ran into, how you fixed those issues, and what you might do differently now that you have more experience. I should understand the process of building your application from the journal. Include the links to the public GitHub repo and the deployed site in your journal.

- ❑ I will not accept any projects without code submissions.
- ❑ **Grading:**
 - ❑ completion of the project requirements and above expectations
 - ❑ code completeness, code comments, documentation
 - ❑ overall project presentation, including accessibility and responsiveness
- ❑ **Due Date: Sunday of Week 7 (August 9th, 2020) at 11:59pm.**
- ❑ **Submission Guidelines:** Each student should submit an individual journal (pdf) with the project URL, the GitHub repo, and the names of the collaborators (if any) to D2L.
- ❑ Examples from previous courses:
 - ❑ Pokedex - https://ntrung1008.github.io/FrontEnd_Pokedex/
 - ❑ Coronavirus Monitor - <https://ejdeposit.github.io/frontend-project/>
 - ❑ Recipedia - <https://halyngoc.github.io/recipedia/>
 - ❑ CFB Stats - https://dezereth.github.io/fewt_cfb/#
- ❑ Samples from the Web:



