Capital One Capstone Tracker

Overview
Capital One is expanding its capstone project groups to over 20 schools, and needs an efficient way to track, organize, evaluate, and mentor these groups. Our assignment is to make a dashboard interface using Django and Python that allows each capstone group to keep Capital One updated on their project. The students will only be able to see their individual project, but Capital One will be able to see an overview of all of their current projects, filter results, share notes with other employees in the company, and communicate with their mentees.

Objectives
Our main objective was to create a detailed database that would keep track of school teams, students, projects, and employees in order to run this site, with a user-friendly interface.

Approach
- Went on a site visit to meet with our sponsors and learn about the initial problem
- Held weekly phone calls with sponsors to constantly receive the customer input we required
- Presented UI designs to sponsor to receive input and advice
- During weekly phone calls, used a screen sharing application to allow the sponsor to see the progress of the application
- Kept our sponsors up-to-date through the Slack communication tool
- Implemented a database to store data
- Set up framework for the website
- Made HTML and CSS files to style the different pages of the site
- Wrote tests to ensure the site constantly runs

Outcomes
- Allows Capital One employees involved with capstone projects to find all the information they need in one convenient location
- A set location to store all the data of employees and students involved with capstone projects
- Streamlined process to reduce working hours necessary to keep project data organized