

EE/CprE/SE 491 WEEKLY REPORT 05

Feb 28 2022– Mar 06 2022

Group number: 15

Project title: Program of Study (POS)

Client: Tina Prouty

Advisor: Md Maruf Ahamed

Team Members :

Saljooq Altaf (coordinator/ full-stack)

Nathan Marquardt

William Hunt

Carson Campbell

Noah Nickel

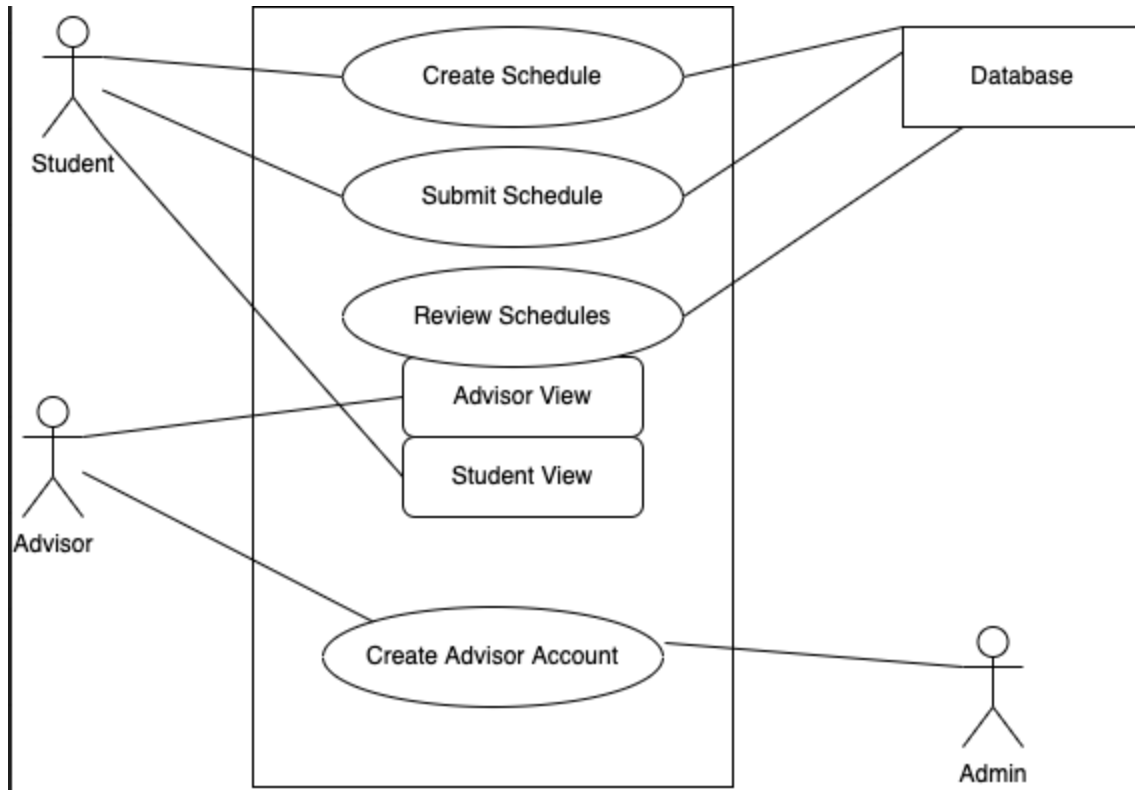
SUMMARY

- Prepared the presentation for the Engineering Standards Assignment
- Prepared the video for the Engineering Standards Assignment
- Had a detailed meeting with the TA to discuss future direction

PROJECT WORK

Tech Elective	Tech Elective	CPRE Elective	EE Elective
COMS Elective	CPR E 194	PHYS 232	PHYS 232L
CPR E 288	ENGL 250	MATH 267	E E 201

Design concept of website User Interface which would include drag and drop implementation.



Use case diagram of updated website. Users that came into mind for our project included Students, Advisors, and an Administrator.

RESEARCH

Primary Research: Ethnographic data that we collected was based on the usage of the current website already in place from the previous team. It mainly consisted of using the features currently available, as well as the implementation of code used to create the website. This main research method was the only primary research that we conducted.

Secondary Research: Our team's secondary research consisted of reviewing information from credible sources on the interweb. These sources mainly consisted of coding websites, books, documents etc. Some of us also used this secondary research for practice, which included free courses and the creation of mini projects to solidify the knowledge learned from these credible sources. Topics researched included HTML, CSS, React, Python, APIs, Web-Crawlers, etc. Refer to previous team reports for the specific topics researched by individuals on the team.

Past week accomplishments

Saljooq Altaf: I did a lot of research in the last few weeks (see previous reports' past week accomplishments for RESEARCH work). However, this past week was primarily focused on creating the presentations, videos, and having discussions about the direction of the project. We met the TA and sent email to the client and advisor to ask them for a closely coordinated future strategy.

Nathan Marquardt: This past week, I did not do as much as previous weeks. I researched a little bit more of CSS and some techniques that we could use for our project. I also practiced only a bit for my newly acquired skills. This week was mainly consumed by other classes and the midterms that I needed to prepare for. Next week, I will focus more on my research and possible practice with CSS.

William Hunt: The previous week was mainly focused on team direction and having meetings. I wasn't able to do a lot of individual research but I tried to play around with the application a bit more. We were able to get the ball rolling on some of our issues during the TA meeting and we hope to resolve more now that we've set up a more definitive meeting timeframe with the advisor and client.

Noah Nickel: The previous week we were able to meet as a group to get a better understanding on this project. Individually I was able to research more front end development to understand what the previous team's code was all about. I was able to continue my work with a free course of HTML. Next week I plan to continue to learn my knowledge of how the previous team implemented their web app and to continue learning HTML.

Carson Campbell: A lot of this week was focused on brainstorming use cases and situations to figure out how best to apply our work on this project. Class work including presentations took up a larger chunk of time this week as well. We managed to meet with a TA to get a better idea of the Design Document requirements so we can plan ahead and also asked about how best to organize with clients and advisors.

Pending issues

Saljooq Altaf: Still working on researching on porting data from the crawlers on the existing database. Also, researching Django in general and figuring out how it works.

Nathan Marquardt: I would like to see more interaction between our client and advisor with our team. Currently, there is not a lot of guidance from either and I feel that our team would benefit greatly from direction.

William Hunt: There is still some uncertainty about our direction going forward with the project that we hope to clear up in the next meeting with the advisor and client.

Noah Nickel: Issues in how to go about the development process of either a continuation of a previous project or creating a whole new web application.

Carson Campbell: No technical issues at the moment. Organizationally we need a lot of work to determine our group's goals.

Individual contributions

Saljooq Altaf

- Researching on Porting data for Django and how backen works in general (1.5 hrs)
- Meetings/emails/Preparing report Presentations (4 hrs)
- **Cumulative:** (5.5 hrs)

Nathan Marquardt:

- Communication with team members/meetings (3 hours)
 - Weekly Meeting (1 hour)
 - Assignment Meeting (2 hours)
- CSS Research (2 hours)
- CSS Practice
- **Cumulative:** 6 hours

William Hunt:

- Team meetings/TA meeting/Weekly communications (3.5 hours)
- Running and analyzing the project to try to better understand the structure (1.5 hours)
- Reviewing Python and HTML (1 hour)
- **Cumulative:** 6 hours

Noah Nickel:

- Meetings and team communication (2 hours)
- Learning Django (2 hours)
- Reading and researching (2 hours)
- Practicing HTML with a free course(2 hours)
- **Cumulative:** 8 hours

Carson Campbell:

- Team Meetings (3 hours)
- Research into other implementation of Web Application (2 hours)
- Brainstorming Use cases and possible extensions to project (1 hour)
- **Cumulative hours:** 6 hours

Comments and extended discussion (Optional)

Feel free to discuss non-technical issues related to your project.

Plans for the upcoming week

Saljooq Altaf: Will continue to research on Django and how to port data from the crawler.

Nathan Marquardt: More Research with CSS. There are some aspects in which I want to clarify with further research. I would also like to get some more practice with the skills that I have learned thus far, such as CSS and HTML.

William Hunt: I plan to continue analyzing the program's structure and getting familiar with the frameworks used in the project. I need to continue to learn Django and brush up my Python and front-end development skills.

Noah Nickel: I plan to continue reviewing and researching the previous team's work to find ways to add to existing designs. I plan to learn more about django and python eventually to understand the current website app better. I also plan to research ways we may be able to create a new web application and what tools we might need to add. Along with taking a free course on HTML.

Carson Campbell: Get a meeting with advisors. Research Django. Research the best way of integrating front-end and back-end aspects.

Summary of weekly advisor meeting (If applicable/optional)

There was no meeting with the advisor this week.