

EE/CprE/SE 491 WEEKLY REPORT 04

Feb 21 2022– Feb 27 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

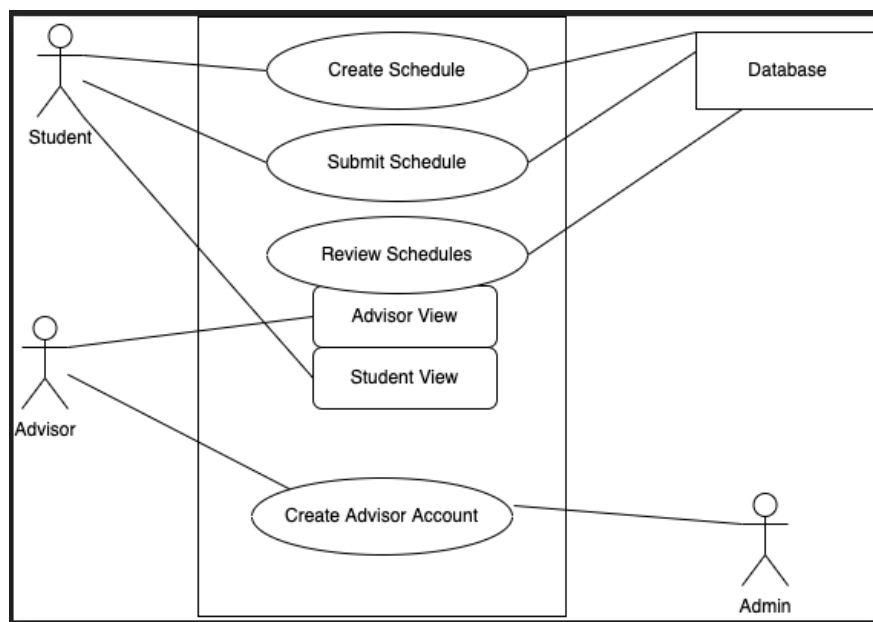
Carson Campbell

Noah Nickel

SUMMARY

- Prepared the video for elevator pitch presentation
- Prepared the website for the group project
- Got the Django project working and created documentation and environment files to get it working for everyone (hopefully)
- Uploaded the working project (with corrections) onto a gitlab repo
- Python Crawler has been updated to be more concise and produce a readable output for testing - should allow some pre-requisite data to be procured

USE-CASE DIAGRAM



PERSONAS

Name: Nancy

Age: 31

Profession: Advisor

Goals: Wants to help students out and make the interactions as smooth and productive as possible

Challenges: Students aren't inclined to plan, short on time, lots of repetition among student issues

Influences: Experience with previous students, fellow faculty, their own college experience

Name: Frank

Age: 18

Status: Undergraduate student

Goals: Wants to get done with creating a Program of Study with as little effort as possible and go back to hanging out with friends

Challenges: Bored of formalities, not very invested in orientation class

Influences: High school experiences, friends

Past week accomplishments

Saljooq Altaf: Worked primarily this week on figuring out how to get the past project running - this in itself took around 5 hours - since there was no existing guidance or documentation - so required watching a lot of videos online. This involved correcting some errors - probably because of updated versions of python/ django. Also, created an environment file - which should enable anyone to be able to get it running on their local machine. Lastly, I spent around two hours creating documentation and uploading all the files, documentation, Readme etc that would enable everyone to run the project on their local machines (with the instructions in README) and start tinkering with it.

Nathan Marquardt: My past week goals were to learn more about CSS and see if we could implement it in any way. I was practicing skills on the website codecademy, where there was a free course around it. I also took some time to implement our team website. Next week, I plan on limiting my research to CSS and try to better understand some complex mechanics within its syntax. I have two exams next week, so my output for the following week may be limited.

William Hunt: This week I worked on running and understanding the previous project more accurately. Thanks to Saljooq's previous work getting the program to run I was able to get it to work myself and obtain a better understanding of how the different parts work together. I also continued to brush up on coding knowledge necessary for the future stages of the project, including HTML and CSS.

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: This week was more organisationally focused with the setup of resources for our project alongside continued efforts to understand the project and another implementation that Saljooq proposed as a solution to issues in the previous project. Without client input we've continued debating the implementation of the issues the client previously mentioned wanting us to solve.

Pending issues

Saljooq Altaf: I still am in the process of playing around with different parts of the project. For instance, I am still unsure how the advisor pages work. I have gotten the sqlite and python crawler working - and have significantly simplified the logic of the crawler. Still need to figure out two things - one, is the data from crawler normalized to existing data we have? Two, how to port that data?

Nathan Marquardt: I would still like to see a meeting set up to see if we plan on using the current iteration of the website, or if it would be more efficient to scrap it and work on another iteration. Look forward to talking with team members, our advisor, and our client in the coming week.

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: Mostly we need a meeting with the group and all client/advisors so that we have confirmation on how we can move forward with the project.

Individual contributions

Saljoq Altaf

- Getting the django project working on my local machine - finally- It was time consuming because there was no existing documentation for it (5 hours)
- Preparing documentation for everyone to create the necessary environment to run it on their local machine - and uploading the changes onto gitlab (2 hours)
- Got the python crawler working. Simplified the logic of the python crawler from 300 lines to less than 150 - still need to check the correctness of output and port data (2 hours)
- Worked on the video/documentation/meetings/coordination/website (4 hours)
- **Cumulative:** (13 hrs)

Nathan Marquardt:

- Communication with team members/meetings (2 hours)
- CSS Research (2 hours)
- Team Website Creation (1 hours)
- Practice CSS Skills (1 hours)
- **Cumulative:** 6 hours

William Hunt:

- Meetings/Weekly communication (3 hours)
- Running and analyzing the project to try to better understand the structure (3 hours)
- Practicing HTML and CSS (1.5 hours)
- **Cumulative:** 7.5 hours

Noah Nickel:

- Meetings and team communication (2 hours)
- Reading through current web application (2 hours)
- Reading and researching (2 hours)
- Practicing HTML with a free course(2 hours)
- **Cumulative:** 8 hours

Carson Campbell:

- Learning Django/Python (4 hours)

- Team meetings (2 hours)
- Setup for organizational approach to our project goals (2 hours)
- **Cumulative hours:** 8 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 play around with python crawler and figuring out how to port the data onto the sqlite. Also, still trying to figure out how the existing logic for advisor pages work.

Nathan Marquardt: Continue with my research and development of CSS with more research and more practice. I would also like to see a meeting take place to set a direct plan for the team moving forward. I still plan on trying to reach out to previous team members. Possibly, I would also like to comment code from the previous team to help with our progression if need be.

William Hunt: I plan to brush up on my Python skills and experience with the various frameworks used in the project in preparation for upcoming work. I'll also continue to run and analyze the previous project on my local machine, as understanding the underlying structure is necessary for the design process.

Noah Nickel: I plan to continue reviewing and researching the previous team's work to find ways to add to existing designs. 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 the previous project running on my computer to understand how that is implemented. Learn what I need to of Python for the Django stuff we have to deal with. Meet/Talk with advisor/client for clarification and the go-ahead on project details.

Summary of weekly advisor meeting (If applicable/optional)

There was no meeting with the advisor this week.