

EE/CprE/SE 491 WEEKLY REPORT 06

Mar 20 2022– Mar 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

- We created a schedule for getting familiar with frameworks - as well as members taking up more specialized roles
- Had a first stand-up meeting to commit to goals for coming weeks
- Set up the digital signature and update server configurations to enable the server to be accessible without VPN

Past week accomplishments

Saljooq Altaf: Largely worked on getting the reverse proxy functioning for our server - this involved getting a digital signature, enabling the relevant modules on the server and updating several apache2 config files.

Nathan Marquardt: This past week, I did not do too much. I returned from the break with a few projects that were due in other classes. However, I did finish up my HTML and CSS research from the previous week before the break. I look now to work on researching Angular, as this will be one of the key languages for this project. I have not worked too much with Angular, so I feel that this would be a good time to get comfortable with it during the rest of this “Research” sprint.

William Hunt: Worked on researching Spring and Angular to refine my skill set for the project. I was able to gain valuable insight on how the project might theoretically be structured, and became more familiar with the technologies we’ve decided to use.

Noah Nickel: The previous week we were able to meet as a group to get a better understanding of our individual and team goals. Individually I finished with my HTML research and plan to move onto Angular and Spring Boot in the future.

Carson Campbell: Having a better understanding of how to proceed with the application, I researched Springboot. This is a refresher for me as I have used it in the past, but needed to acquaint myself with it. We had to get back into communications with each other after the break and decide on how the breakdown would work between us and our tasks.

Pending issues

Saljooq Altaf: None.

Nathan Marquardt: I currently do not have any issues for the week.

William Hunt: No issues.

Noah Nickel: No issues.

Carson Campbell: Mostly research, so no issues on the project itself.

Individual contributions

Saljooq Altaf

- Meetings/Assignments/Emails (3 hrs)
- Working on setting getting server digitally signed - SSL (3 hrs)
- Updating the apache2 config files (3 hrs)
- Activating the encryption module - SSL - to enable the process to acquire signature (3 hr)
- **Cumulative:** (12 hrs)

Nathan Marquardt:

- Communication with team members/meetings (3 hours)
 - Weekly Team Meeting
 - Assignment Meeting
 - Recording/Stand Up Meeting
- CSS Practice (1 hour)
- HTML Practice (1 hour)
- **Cumulative:** 5 hours

William Hunt:

- Team meetings and communication (2 hours)
- Researching project technologies (3 hours)
- Working on use cases and possible structure of project (1 hour)
- **Cumulative:** 6 hours

Noah Nickel:

- Meetings and team communication (3 hours)
- Researching Angular (2 hours)
- Finishing HTML free course(3 hours)
- **Cumulative:** 8 hours

Carson Campbell:

- Springboot Research (3 Hours)
- Meetings and Communication (3 Hours)
- **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: Research on how to enable an apache2 server to forward requests to backend and frontend separately.

Nathan Marquardt: I want to focus my efforts into learning more about Angular. I am not too familiar with its implementation and will be looking to do more research into how to use it for our project. I will also look to possibly do some practice with it at the end of the week if my research is sufficient enough to do so. I will also look to review some SQL implementation, as we will also be using this for the project.

William Hunt: I've decided to focus my efforts for the next week into researching Spring Boot exclusively. I haven't used it for a project in over a year so I need to refresh my knowledge. I plan to review existing projects and make some samples to gain insight into this matter.

Noah Nickel: With our new mindset of creating an app from scratch I plan to familiarize myself with Angular and Spring Boot as these will be the Frontend and Backend tools we will be using. I plan to continue my research with Angular so that I have a better understanding. Once I am familiar with Angular I plan to lean into Spring Boot in case I have a chance to work on this as well.

Carson Campbell: Continue researching into Springboot and possibly coordinate with William on how we want to handle back-end work. Probably not start on the project back-end, but set up a sample project.

Summary of weekly advisor meeting (If applicable/optional)

There was no meeting with the advisor this week.