EE/CprE/SE 491 WEEKLY REPORT 06

Mar 07 2022– Mar 13 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 had a detailed discussion with our client and advisor about the difficulties we have faced so far and the direction of the project in general
- After spending a disproportionate amount of time trying to understand the code the previous team wrote, we have decided to, after consulting the advisor and our client, start research on and work on alternative technologies that we feel will be better suited for the web-application.
- The above two means we are no longer maintaining the project the previous team worked on and will be starting from scratch
- After discussing the need for public domain for our application with IT and ETG, we have a reverse proxy set up that would allow our application to be accessed without VPN
- Prepared the presentation for the Project Plan Assignment
- Prepared the video for the Project Plan Assignment

Past week accomplishments

Saljooq Altaf: Set up the meeting with the advisor/client. Was in talks with the IT and ETG people to set up a reverse proxy. Have been working on researching spring security and UI libraries for angular - primeNg in specific.

Nathan Marquardt: This past week, I focused my attention to researching more HTML and CSS. I feel that we will be using these languages a lot on the front end and want to make sure that my competency is appropriate for the future tasks that we will be performing. I researched via interweb resources, practice from free courses, and referencing notes from previous classes.

William Hunt: This week we got a much better understanding of our future direction through meeting with the team, client, and advisor. On my own, I worked on learning front-end technologies that will be useful for the project going forward, mainly Angular through a tutorial Sal provided.

 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: There was significant accomplishment in terms of project organisation, which had held us up for quite some time. This allowed us to begin discussion of resources that will be used for the project implementation. This is a stepping stone to significant progress in the actual implementation of the project in weeks to come.

Pending issues

Saljooq Altaf: Just researching on new technologies in general. Discussing and having an agreement on the key-libraries and technologies to use. Also, I need to figure out SSL encryption to make use of port 443 (https) that is publicly available now.

Nathan Marquardt: I feel that our team has some great direction now. However, we still need to focus our attention on what technologies that we wish to use to focus our research. I also want to touch upon the team roles and make sure that everyone knows everyone's position. That way, we can divide up tasks appropriately to team members and team members can focus on a certain aspect of the project.

William Hunt: While we've cleared up our previous issue of direction, we now have to decide on what technologies and frameworks to use in the project going forward, as well as dividing up team roles.

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 major issues. There is just a matter of the organisation of our group structure/project structure, which can be easily handled with a full group meeting.

Individual contributions

Saljooq Altaf
- Meetings/Assignments/Emails (4 hrs)
- Working with IT and ETG to set up reverse proxy (1 hr)
- Updating security configuration for existing project to work with new proxy (2 hrs)
- researching on UI libraries for Angular - primeNg specifically (2 hrs)
- researching of spring security (2 hrs)
- **Cumulative:** (11 hrs)

Nathan Marquardt:
- Communication with team members/meetings (2 hours)
    - Assignment Meeting
    - Unable to attend weekly team meeting on Tuesday
- CSS Research (2 hours)
- CSS Practice (1 hour)
- HTML Research (2 hours)
- HTML Practice (1 hour)
- **Cumulative:** 8 hours

William Hunt:
- Team meetings/TA meeting/Team Class Work (3 hours)
- Learning Angular through tutorials and research (4 hours)
- Working on use cases and possible structure of project (1 hour)
- **Cumulative:** 8 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 Communication (1 hour)
- Angular and Django Research (2 hours)
- Researching web implementation of this application (2 hours)
- **Cumulative hours:** 5 hours

Comments and extended discussion (Optional)

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

Plans for the upcoming week

Saljooq Altaf: Continue researching on spring web. Also, continue working on Angular and external UI libraries and how to leverage their features for our project. Also, research on SSL encryption and setting up CI/CD

Nathan Marquardt: I would like to research the idea of using a User Interface Library. Sal mentioned the use of one of these UI libraries in an experiment he did. It seemed that he was able to use this library to simplify his code. I wish to investigate this further as we begin our first sprint.

William Hunt: I plan to continue learning new technologies to use in the project, and to work alongside the team to develop a concrete plan and structure for the software going forward.

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: Hopefully created a solid direction for individual group members and an overall long term implementation plan. Consolidate a list of the resources we will be using for our implementation. Create a more solid weekly design plan for communication.

Summary of weekly advisor meeting (If applicable/optional)

- Concretely decided to create our own implementation rather than extend the previous phase, and got this plan approved by the client and advisor
- Received input from the client about their expectations for the project
- Creative a tentative schedule for project delivery