

Senior Design 492 Bi-Weekly Report 02

February 18 - March 2, 2023

Group sdmay23-18

Senior Design Server/Client Development for Project Matching Phase 2

Advisors/Clients:

Akhilesh Tyagi
Jacob Grundmeier

Team Members:

Haylee Lawrence – Lead UI Designer, Frontend Development
MyTien Kien – Client Interaction, Backend Development
Sanjana Amatya – Frontend Research, Frontend Development
Alec Elesbernd – Lead Researcher, Backend Development

Bi-Weekly Summary

Over the past 2 weeks, our progress has slowed due to midterms and large projects in other classes; however, our main goal was to work on getting the frontend talking to the backend and to finish the frontend screens. Haylee has completed coding all of the frontend screens, and Sanjana, Alec, and MyTien have put in work on researching the backend/frontend connecting.

Past Weeks' Accomplishments

The past weeks have been filled with a lot of research and training rather than a lot of physical progress. We now have a fully functional visual frontend which is a huge accomplishment. We also have spent a large amount of time working on connecting the frontend and backend. Lastly we have learned a lot about Laravel which will allow us to get the backend functionality up to our standards. Together in the past weeks we have really focused on finding out what we need to do moving forward and this will hopefully lead to lots of progress in the upcoming weeks.

For each team member...

- **Haylee Lawrence:** I have finished coding all of the pages for the front end. We now have full visual functionality with our website.
- **MyTien Kien:** I've been researching more on Laravel and how to make a full stack application with it and React.
- **Sanjana Amatya:** I've been going through more Laravel tutorials and trying to figure out how to have a fully functional web application after connecting React to Laravel.
- **Alec Elsbernd:** Researching Laravel and brainstorming ideas for the algorithm, also very minor changes to the backend.

Pending Issues

For each team member...

- **Haylee Lawrence:** No pending issues from the past 2 weeks.
- **MyTien Kien:** Still working on the Laravel learning curve, but other than that, no big issues.
- **Sanjana Amatya:** Still learning how to work with Laravel to connect the backend and the frontend.
- **Alec Elsbernd:** Issues related to Laravel and really getting the backend working well.

Individual Contributions

Name	Hours Past 2 Weeks	Hours Cumulative
Haylee Lawrence	8	56
MyTien Kien	5	55
Sanjana Amatya	5	45
Alec Elsbernd	5	45

Comments & Extended Discussion

N/A

Plans for Upcoming Week

For each team member...

- **Haylee Lawrence:** This week, my focus will be on (a) starting to connect the backend to the frontend. Goal 1: Figure out how to do that, and Goal 2: add backend connections for 3 pages. Focus (b) will be getting back into researching an algorithm.
- **MyTien Kien:** My goal this next week and before/during Spring Break is to finish backend completely. This includes routing, API, connecting frontend and backend, and making sure that the functionality of the website is working and correct.
- **Sanjana Amatya:** This week I want to focus on connecting the frontend to the backend and making sure we have a fully functional algorithm.
- **Alec Elsbernd:** For the upcoming week I would like to help MyTien get the backend functional and working well.

Summary of Weekly Advisor Meetings

We haven't met much with our advisor as we haven't had much to talk about. We haven't been able to work on the project much because of other commitments but we plan to continue this next week. For our advisor meetings, we've been summarizing what we have planned for the coming week and asking questions related to our project and algorithm.