Senior Design 492 Bi-Weekly Report 03
March 11 - March 24, 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

Overall, the week of spring break, no significant progress was made due to the group being busy/relaxing. This week, MyTien and Haylee were able to fix the main blocker regarding connecting the front and backend by removing the react-native dependencies in the test page. Now we need to remove all the react-native dependencies in every page. Sanjana and MyTien were able to solve the blockers that were preventing Sanjana to be able to run the backend and frontend. Haylee and Alec also resumed work on the project matching algorithm. Alec adjusted his existing algorithm, and Haylee developed another algorithm and started the process of comparing algorithms. More work to get those coded and tested will start next week.

Past Weeks' Accomplishments

For each team member…
- **Haylee Lawrence:** Fixed laravel/react-native bug by reworking all react-native dependencies. Developed another algorithm for project matching and came up with an equation to compare algorithm effectiveness. Shared algorithm work with advisor for feedback.
- **MyTien Kien:** Haylee and I made a solution that had to deal with a problem with react-native not working properly. Started transferring frontend pages to laravel folder. Started routing pages.
- **Sanjana Amatya:** Worked on various bugs that I had and was able to connect the backend and frontend on my laptop and have the app working on localhost.
- **Alec Elsbernd:** Studied Laravel routing and worked through some examples on a local level. Also took some time to update personal algorithm.

Pending Issues

For each team member…

- **Haylee Lawrence:** No current issues.
- **MyTien Kien:** No current issues.
- **Sanjana Amatya:** No current issues.
- **Alec Elsbernd:** No current issues.

Individual Contributions

Name	Hours Past 2 Weeks	Hours Cumulative
Haylee Lawrence	7	63
MyTien Kien	8	63
Sanjana Amatya	10	55
Alec Elsbernd	5	50

Comments & Extended Discussion
N/A

Plans for Upcoming Week
For each team member…
- **Haylee Lawrence:** Going to revise the algorithms based on advisor feedback and code them. Hoping to test next week as well, but we'll see if theres time. Also need to go through all of the frontend and remove react-native dependencies.
- **MyTien Kien:** Going to hand the transfer of frontend pages to Sanjana while I work on finishing routing for the backend. Hope to plan on testing if the database and routing work between the frontend and backend.
- **Sanjana Amatya:** Started working on adding the frontend pages to the backend directory and fixing any css issues that may appear when migrating the files.
- **Alec Elsbernd:** Planning to help MyTien work through routing.

Summary of Weekly Advisor Meetings
Only met once in the past two weeks because of Spring Break. Not much to update the team with as most of us took Spring Break to relax. Caught up with our advisors and clients on the project and how much progress has been made. Made a plan to complete or try to complete most of the project by mid-April.