

**Team Name:** NPRTS

**Report Number:** 6

**Reporting Week:** Week6, Week of Feb 13

**Summary of work completed in prior week:**

Database Work:

- Implemented the database in MySQL.
- Inserted sample course and advisor data for computer science, mathematics, chemical engineering, and psychology (along with some other miscellaneous knowledge area courses) into the database.
- Adjusted the structure of the database for prerequisites and corequisites. These turned out to be more complicated than I initially anticipated and I had to account for some edge cases such as academic standing, multiple options of prerequisite courses, and instructor consent.

Framework:

- Briefly looked into framework options for frontend and backend.

**Summary of work planned for next week:**

- Learn frontend and backend frameworks in order to prepare the frontend for the presentation on March 9th. Divide up tasks among developers regarding frontend implementation.

**Open issues and action plan to resolve them:**

- Figuring out how to communicate between backend and frontend frameworks. Our backend developers will be researching this next week.
- Filling out the team website with bios and weekly reports.

**Project Management Summary**

Team member	Tasks completed	Hours worked for week	Total hours
Tyler Yankee	Implemented the structure of the database and added sample courses and advisors for all majors. Briefly looked into backend frameworks.	3.5	13.25
Peter Dorovitsine	Worked on prerequisite/corequisite tables for database organization, attended meeting	2	8

Robert Licata	Attended weekly meeting, researched frontend frameworks	2	9.5
Niall Pepper	Did research on frameworks and attended weekly meeting.	2	10
Sangwon Youn	Attended team meeting and decided project due dates  Wrote functions that can utilize data from the database	3	11

### Meeting Summary

*For each team meeting provide the date, time, and location of the meeting. Indicate which members attended the meeting and action items discussed in the meeting.*

Monday 2/13/23, 4:00pm, ERC. All members present.

- Finished the requirements presentation as a group.
  - Divided up slides among team members
  - Brought together UI mockups and use-case diagrams
  - Discussed validation and risk mitigation
  - Decided majors (Computer Science and Chemical Engineering) and minors (Mathematics and Psychology) to implement as samples for the website.

Friday, 2/17/23, 5:00pm, ERC. All members present.

- Discussed options for front-end and back-end frameworks.
  - Front-end: Flutter
  - Back-end: Django (tentatively)
- Reviewed work done this week on the database.
- Idea: have the potential schedules presented in groupings. For example, instead of presenting the user 10 different schedules each with a possible knowledge area course in one slot, have that slot listed as “KA course” and the user can click in to see all the possible options.
- Divided up work for the coming week in the context of the upcoming midterm (front-end) presentation.
- We will be typing up progress reports in Slack next week instead of meeting formally due to lack of availability with the break.