

Team Name: NPRTS

Report Number: 15

Reporting Week: Week15, Week of Apr 17

Summary of work completed in prior week:

- Integration: Wrote queries for sending a student's major(s) and minor(s) to the frontend, and updated the Advisor/Advisee view to include a student's major(s) and minor(s).
- Schedule Builder:
 - Limited the results of the algorithm to only include the "fastest" paths to completion (i.e. taking the least number of semesters). This doesn't improve computational efficiency, but presents a less overwhelming amount of options to the user.
 - Allowed the algorithm to "skip" a semester, allowing for special circumstances such as study abroad, co-op, or taking a gap year.
- Requirements Document: Completed first revision of main sections on overall description and functional and nonfunctional requirements.
- Frontend integration: Completed proof of concept of getting data from the backend.
- Modifications to the frontend as needed.

Summary of work planned for next week:

- Finish the first draft of the requirements document, and have some other members of the team review. Then, start work on the testing spreadsheet.
- Finish getting data to the frontend.
- Finish user authentication — this requires making an HTTP request to get the user's login information to the backend, so that all future requests can be accompanied by their user ID.

Open issues and action plan to resolve them:

- Complete the team website. The following components need to be included:
 - Overview of your project
 - Team member information
 - Weekly team reports
 - Software requirements specification document
 - Software test plan document

Project Management Summary

Team member	Tasks completed	Hours worked for week	Total hours

Tyler Yankee	Worked on requirements document, integration, and schedule builder.	4	66
Peter Dorovitsine	Worked on requirements document	4	36
Robert Licata	Rebuilt list pages to improve reusability, specifically course history and course catalog.	5	36
Niall Pepper	Worked on the add transfer page and integration between front end and back end.	9	65
Sangwon Youn	Studied how to use POST request between flutter and django and built POST function for user registration	10	53

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.

Wednesday April 19, 2023, 4pm, ERC. All members present.

- Continued work on requirements document. Split up some of the work off of Peter since it's information specific to what Tyler/Niall/Robert have worked on.
- Data from backend to frontend for course history is working. Still troubleshooting updating the database with students adding courses that they have taken.
- Almost done on user authentication, working on sending information to the backend.
- Will be starting on presenting the results of the schedule building algorithm to the user in the next few days. Discussed options of users selecting majors/minors in the schedule builder versus just pulling their current majors/minors from the database. Ideally we'd have the former, but realistically it's probably going to be the latter due to computational efficiency.
- Discussed updating the app's color scheme, adding more accents etc. to make a cleaner look.
- Did some partner programming/debugging