Team Name: NPRTS
Report Number: 14
Reporting Week: Week14, Week of Apr 10

Summary of work completed in prior week:
- Worked on the requirements document.
- Front end
    - Completed front end of user authentication via Google Firebase.
    - Completed front end of administrator view for advisors/students.
    - Working on some refactoring of the list views/tables.
    - Refactored the schedule builder to make it more easily integrated with backend data.
    - Started integrating backend data, having some trouble with connections (port number etc.).
- Backend
    - Completed integration via HTTP requests for the following pages: course catalog, course history, advisor and advisee managers, and schedule builder.
- Database
    - Restructured tables around the "user" table for proper user authentication with Django. Our previous system was central to students and advisors which couldn't handle logins.
    - Updated some of the student/advisor data to match emails and names of members of the team so that we can showcase the Google logins with real examples.
- Scheduled the final presentation for May 4th at 3:20pm.

Summary of work planned for next week:
- Finish integration of the basic five pages above by receiving HTTP requests on the frontend.
- Work on user authentication to the backend. An HTTP request needs to be sent containing the current user's username or email address every time a login occurs, so that they can be logged in to the Django session which allows us to get their user ID every time a future request from the frontend is made.
- Work on integration of other items, such as student majors/minors and specific course choices (for electives) in the schedule builder.

Open issues and action plan to resolve them:
- We will discuss the testing spreadsheet next week, once we make a little bit more collective progress on the application itself.
- The team website needs to be completed by the final week.

Project Management Summary

Team member	Tasks completed	Hours worked for week	Total hours
Tyler Yankee	Worked on backend integration for the five pages mentioned above, restructured database, made some comments on the requirements document.	6	62
Peter Dorovitsine	Continued working on back-end/front-end connection. Started filling in sections of requirements document.	4	32
Robert Licata	Continued work on connecting the front and backend. Solved issue with running back and front end locally at the same time.	3	31
Niall Pepper	Worked on refactoring and debugging issues with the schedule builder page.	6	56
Sangwon Youn	Worked on user information checking between frontend and backend.	6	43

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.

April 12, 2023, 4 p.m., ERC. All members present.

- Progress update
    - Working on frontend/backend integration for user authentication, specifically for signing up users (requires inserting into the database etc.). Need to make

password and get email and name information, and have the program generate a student/advisor ID for them.
- Working on the administrator's page to assign advisors/students.
- Working on modifying frontend code to use data tables instead of list views, and making this a general theme for the application so the styling carries over.
- Having some issues with making HTTP requests from the frontend, having to do with port numbers and connections through the browser.
- Rebuilt the schedule builder on the frontend. Controls to add specific courses are now present, other than that visuals have not changed significantly — mostly code refactoring so that it will be easier to integrate with the backend.
- Discussed options for students/administrators adding courses taken by students. Decided that it would be done via controls on the Course History page, which would be easier than parsing some file for a transcript.
- Discussed options for students saving favorite schedules. Would need a new database table(s) to save this information, and provide controls in the frontend, and integration.
- Requirements check-in
  - Discussed work on the requirements document.
  - Modifying the "credit limit" feature of the schedule builder for number of courses instead of number of credits, because the latter is too difficult to implement.
  - We'll see if we get to the study abroad/co-op/special circumstances in the schedule builder.
- Tyler's misc TODOs
  - Change students in the database to have valid Clarkson email addresses. Probably just use all of the team members and then others as needed. Will need to use one of us as an advisor, because we use Clarkson logins and don't have any professor's passwords.
  - Get all of the students and advisors in the user table so that we can check against user ID (built-in by Django) and get corresponding student/advisor information.
  - Integration for students adding/removing/changing majors and minors (will need to check the database).