EE/CprE/SE 492 Weekly Report 2
January 28-February 10
Group 1
Class Scheduler
Client: Vicky Thorland-Oster, Tina Prouty
Advisor: Dr. Daniels
Team Members: Lewis Callaway (Client Point of Contact), Simeon Steward (Algorithm/Project Lead), Brian Schomer (Project Manager), Isaiah Ortiola (Component Designer), Carter Everts (Testing Lead), Michael Less (Tech Lead)

Summary:
Our team is working towards a demo on February 19, 2024. We are making significant progress on having a working backend and a UI that can perform basic functions. We hope to have a working solution for the demo and then continue to add improvements and fix edge cases after the demo.

Past two-week accomplishments:

- Lewis: Continued work on the user interface by adding a page for classes to import. Designed and implemented a solution to pull classes from classes.iastate.edu. Additionally, made UI changes and POST request to send data to the backend for availability. Finally, received data from availability endpoint and translated it onto the time grid blocks.
- Simeon: Created the availability endpoint which takes in the cohorts and classes you want to avoid and outputs the timeslots with the percent availability. Added functionality to import a timegrid from a csv file
- Brian: Worked on the PUT endpoints to edit data that exists. Worked on the UI to edit as well
- Isaiah: Aided in changing some minor Frontend issues with appropriate changes to the Backend, mainly focused on the Cohort files. Changed both the Cohort and Import tabs of the UI to look more like the Classes tab, for more consistency and a cleaner look.
- Carter: Tried working on the add class section but got stuck on implementation. Talked to team members and decided to leave it alone for now. Also fixed a bug where if all tabs were closed on the schedule page, the entire program would crash.
- Michael: Fixed an issue that caused the time grid not to scale to the full screen when the app was maximized. Fixed by establishing viewports and switching the sizes to viewports Worked partially on setting up a pipeline for deployment, including ensuring tests are passed, formatting using prettier, and linting. Did not finish that however.

Individual contributions

Name	Individual Contributions	Hours these two weeks	Hours Cumulative
Brian	PUT endpoints, UI to edit information	12	20
Carter	Attempted to complete add class, fixed bug that crashed the program.	10	20
Isaiah	Minor changes to Cohort. Major changes to the table UI for Cohort and Import tabs.	12	20
Lewis	Import classes UI, import classes backend dev	18	46
Simeon	Availability Endpoint	17	48
Michael	Fullscreen fix/pipeline	13	20

Plans for upcoming weeks:

- Lewis: Fix the issue with classes import where there are hard coded values in the code for semester number. This was done to expedite development, but make it dynamic where the user can select the correct semester based on what classes.iastate.edu returns. Coordinate tasks for the other team members
- Simeon: Start testing code
- Brian: Second pass at the algorithm and integration testing
- Isaiah: I plan on taking tasks more focused on the Frontend portion of the development to make sure that everything is functional
- Carter: Create more tests to ensure that there are no major bugs and help teammates by implementing other new features.
- Michael: Finish setting up the pipeline and linting, then move on to completing issues regarding the front end.

Advisor Meeting Summary:

SD-May24-01 – Class Scheduler Project
Meeting with advisor, Dr. Tom Daniels
1/29/23

Present: Dr. Daniels, Lewis Callaway, Carter Everts, Michael Less, Isaiah Ortiola, Brian Schomer, Simeon Steward (the whole team)

The team had a short meeting with Dr. Tom Daniels to discuss the progress the group has made in the last week. The meeting was shortened by Dr. Daniels feeling unwell. We updated Dr. Daniels on the progress of the back and frontends, showcasing the current UI design for the Class Scheduler.

Decisions made:

- Since classes.iastate is now apparently staying, make sure to enable compatibility and usability with that
    - However, it is still important to keep it modular, so in the event it is phased out, it can be easily replaced.

- Same reasoning goes for ensuring the manual insertion of classes/schedules also works

Action Items:
- Create an alpha demo as soon as possible
- Change to Program from department on Cohort screen

Summary of topics discussed:

- Catch up on backend progress quickly
- Demo'd frontend, and discussed the importation of data from classes.iastate.edu
- Overview algorithm progress with Prof Daniels

SD-May24-01 – Class Scheduler Project
Meeting with advisor, Dr. Tom Daniels
2/5/23

Present: Dr. Daniels, Lewis Callaway, Michael Less, Brian Schomer, Simeon Steward
Missing: Carter Everts (conflict), Isaiah Ortiola (conflict)

The team had a short meeting with Dr. Tom Daniels to discuss the progress the group has made in the last week. Dr. Daniels was content with progress and recommended making sure the pieces integrated together well.

Decisions made:

- Have a demo working for the February 19 meeting.
- Move meetings to bi-weekly.

Action Items:
- Continue development to be ready for demo

Summary of topics discussed:

- Discussed project progress.
- Scheduled a demo on February 19