EE/CprE/SE 492 WEEKLY REPORT 15

Nov 9 - Nov 22

Group number: SDDEC22-09

Project title: Class Scheduler

Client &/Advisor: Vicky Thorland-Oster & Mai Zheng

Team Members/Role:

Zachary Bunch: Team Leader and Back-End

Connor Gaecke: Back-End

Chris Horvatich: Front-End

Charles Mulderink: Front-End

- **Weekly Summary**

During these two weeks the group focused on trying to push towards a final deliverable. The front end worked on adding additional components to the GUI. The back end worked on trying to optimize and finalize the initial data contained in the internal database.

- **Past week accomplishments**
  - •Zachary Bunch: Adding additional data to the database
  - •Chris Horvatich: Was able to get a program to display CSV and made progress on getting all elements of the GUI put together .
  - · Connor Gaecke: Creating algorithm class files and determining structure. Implementing the logic for scheduling.
  - · Charles Mulderink: right panel is now showing info on selected items from left panel tree view.
- **Pending issues** *(If applicable: Were there any unexpected complications? Please elaborate.)*
  - •Zachary Bunch: Gathering more data to finalize the initial information that will be used within the final deliverable.
  - •Chris Horvatich: Working with backend to get it integrated into the front-end (still pending). Working with Charlie to get all elements of the GUI put together nicely.
  - · Connor Gaecke: Working towards debugging and testing the scheduling algorithm.

· Charles Mulderink: Doing live edits through the gui go to the backend and then come back to the other front end widgets without lag.

o **Individual contributions**

NAME	Individual Contributions *(Quick list of contributions. This should be short.)*	Hours this week	HOURS cumulative
Zachary Bunch	Optimization of the internal database	5	87
Chris Horvatich	Work on GUI.	6	87
Connor Gaecke	Work on implementing classes for algorithm. Testing and debugging.	4	85
Charles Mulderink	Continued work on the GUI	5	87

o **Plans for the upcoming week**

·Zachary Bunch: Continue adding data to the database and optimizing the database to work efficiently with the GUI.

·Chris Horvatich: Continue working on GUI with Charlie to get it all integrated working towards a MVP (minimum viable product). Integration of back end into the front.

·Connor Gaecke: Work on the fitness equation for determining chromosome strength. Running tests on the algorithm to determine correct functionality.

·Charles Mulderink:Start on the middle panel and get a rough start to it.