

## EE/CprE/SE 492 WEEKLY REPORT 14

Oct 26 - Nov 8

**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 optimization of the project. The front end focused on adding additional features to improve the overall ease of use for the application. The back end focused on optimizing the internal database to reduce redundancy, and try to further implement the scheduling algorithm.

#### ○ **Past week accomplishments**

- Zachary Bunch: Optimizing the internal database
- Chris Horvatich: Working on the GUI, specifically getting the CSV file to display within our GUI (In progress).
- 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: Optimizing the internal database and gathering more information on current class schedules
- Chris Horvatich: Working with backend to get it integrated into the front-end.
- Connor Gaecke: Working towards debugging and testing 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.

○ **Individual contributions**

<b><u>NAME</u></b>	<b><u>Individual Contributions</u></b> <i>(Quick list of contributions. This should be short.)</i>	<b><u>Hours this week</u></b>	<b><u>HOURS cumulative</u></b>
Zachary Bunch	Optimization of the internal database	5	82
Chris Horvatich	Work on GUI.	4	81
Connor Gaecke	Work on implementing classes for algorithm. Testing and debugging.	6	81
Charles Mulderink	Continued work on the GUI	5	68

○ **Plans for the upcoming week**

- Zachary Bunch: Continue to optimize the internal database and help the front end further integrate the database with the GUI.
- Chris Horvatich: Continue working on GUI. Integration of back end into the front.
- Connor Gaecke: Work on the fitness equation for determining chromosome strength.
- Charles Mulderink:Start on the middle panel and get a rough start to it.