

EE/CprE/SE 491 WEEKLY REPORT 08

Mar 28 – Apr 3

Group number: SDDEC22-09

Project title: Class Scheduler

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

Team Members/Role:

Zachary Bunch: Team Leader and Backend

Connor Gaecke: Backend

Chris Horvatich: Front end

Charles Mulderink: Front end

○ **Weekly Summary**

This week we focused on planning out the testing of the application. We really wanted to ensure that we came up with a plan that allowed us to fully test and debug the application. That is why our testing section of the design document focused heavily on testing early and often. We also continued working towards getting a prototype of the application created.

○ **Past week accomplishments**

- Chris Horvatich: Worked on the front end prototype we are trying to get a prototype done by the end of this semester. I worked on the Testing design document and presentation.
- Charlie Mulderink: Worked on front end prototype, working on the team's design document and presentation
- Zachary Bunch: Continued researching how to implement the backend database using a JSON file, and researched how to implement the various APIs needed to implement the various functionalities needed by the front end.
- Connor Gaecke: Worked on implementing basic algorithms within the PyQt5 framework, worked on the Testing Design document and presentation

○ **Pending issues**

- Chris Horvatich: Debug some GUI coding that is not seeming to work properly.

- Charles Mulderink: N/A
- Zachary Bunch: Create the database and implement full CRUD functionality.
- Connor Gaecke: N/A

○ **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u> <i>(Quick list of contributions. This should be short.)</i>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Chris Horvatich	Continue playing with PyQt5 for prototype design, Worked on team's testing design plan.	6	49
Charlie Mulderink	Researched PyQt5 and Agile, and worked on the team's project plan.	6	42
Zachary Bunch	Continued research on implementing the backend database using a JSON file and how to implement the various APIs needed within the application.	6	49
Connor Gaecke	Researched Agile, and worked on implementing basic algorithms within PyQt5.	5	47

○ **Plans for the upcoming week**

- Charlie Mulderink: Work with Chris on creating an official GUI prototype and work towards developing an official prototype for the frontend of the project.
- Chris Horvatich: We still need an official GUI prototype design, going to collaborate with Charlie on getting this done after spring break. I have found the framework we are going to use for coding the GUI, PyQt5.
- Zachary Bunch: Continue towards implementing the database and implementing CRUD functionality.
- Connor Gaecke: Work with Zach on creating the official backend for the project within the PyQt5 framework.