

EE/CprE/SE 491 WEEKLY REPORT 05

Feb 28 – Mar 6

Group number: SDDEC22-09

Project title: Class Scheduler

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

Team Members/Role:

Zachary Bunch: Team Leader and Backend

Conner Gaecke: Backend

Chris Horvatich: Front end

Charles Mulderink: Front end

○ **Weekly Summary**

This week we focused on implementing more advanced features within our demo projects. We are still learning about the features of the Kivy framework and how we can implement the project using python. Our goal is to get familiar with the framework and then implement what we learned in the demo projects into the main project going forward. We have also been focusing on making sure we have not missed anything when it comes to possible use cases for the project. Based on the brainstorming activities done within the class in the previous week, we were able to generate more ideas on what features we would like to implement into the application to make it have a better user experience.

○ **Past week accomplishments**

- Chris Horvatich: Continued research on implementing the application's UI thinking about switching the UI framework to PyQt5, and worked on the Requirements, Constraints .
- Charlie Mulderink: Worked on requirements and restraints video and document, continued researching best methods of implementing UI.
- Zachary Bunch: Continued working on the demo project within the Kivy framework, and worked on the Requirements assignments.
- Connor Gaecke: Looked into how to implement scheduling algorithms within a python project, and worked on the Requirements write-up and slides.

○ **Pending issues**

- Chris Horvatich: N/A
- Charles Mulderink: N/A
- Zachary Bunch: N/A
- 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	Attended Meetings, Research, GUI design thought, Professionalism Assignment	6	30
Charlie Mulderink	Research, worked on Gui basics	6	30
Zachary Bunch	Worked on the demo project within the Kivy framework, the Requirements assignment, and the presentation.	6	30
Connor Gaecke	Attended Meeting, Research on scheduling algorithms	6	30

○ **Plans for the upcoming week**

- Charlie Mulderink: Continue working on the base version of the UI.
- Chris Horvatich: Continue working on the prototype of the UI using Figma. Start to do simple projects to see how to code the UI.
- Zachary Bunch: Start working on the prototype of the backend for the primary project and get some of the basic functionality implemented.
- Connor Gaecke: Continue researching scheduling algorithms, look into dynamic programming approaches.