EE/CprE/SE 491 WEEKLY REPORT 03

Feb 14 – Feb 20

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

o **Weekly Summary**

This week we focused on generating an outline for the project and decided on the framework that will be used to implement the project. This week the frontend team presented their user interface plan and their vision for how the front end will look. The backend team continued researching the Kivy framework and learning how to interact with the framework. We have also been focusing on using the Agile project management methodology for this project. We are currently on the planning stage and trying to get the outline of the application created.

o **Past week accomplishments**
   · Chris Horvatich: Research on Project, went over UI design with Charlie, thought about team management skills that can be implemented to improve our teams time management.
   · Charlie Mulderink: Presented ui plan and came up with ideas for how we can maximize the usefulness of the product and worked on the professionalism assignment. (2/20)
   · Zachary Bunch: Researched the Kivy framework and how to use it to implement the functionality of the project.
   · Connor Gaecke: Continued research on advanced python concepts and scheduling algorithms.

- **Pending issues**
  - Chris Horvatich: N/A
  - Charles Mulderink: N/A
  - Zachary Bunch: Updating the team website, there were technical issues that prevented me from being able to update the website. Part of my goal this upcoming week is to figure out the issues and get the team website updated.
  - Connor Gaecke: N/A

- **Individual contributions**

NAME	Individual Contributions (Quick list of contributions. This should be short.)	Hours this week	HOURS cumulative
Chris Horvatich	Attended Meetings, Research, GUI design thought, Professionalism Assignment	6	18
Charlie Mulderink	Attend Meetings, Professionalism thing, made list of features and how they should work	6	18
Zachary Bunch	Researched Kivy and how it can be used to implement the backend of the application	6	18
Connor Gaecke	Attended Meeting, Research on scheduling algorithms	6	18

- **Plans for the upcoming week**
  - Charlie Mulderink: Get a base version of the ui up so we can start adding elements.
  - Chris Horvatich: Do more research on how to create a GUI with Python and look into the best ways to implement a class scheduler UI. Start working on the prototype with Figma using Charlie's UI drawing.
  - Zachary Bunch: Start working with the Kivy framework and generate a demo application. Additionally, sort out the issues with connecting to the website's smb server and update the website accordingly.
  - Connor Gaecke: Do more research on scheduling algorithms and look into how we want to store class database information.