EE/CprE/SE 491 WEEKLY REPORT 06

Mar 7 – Mar 13

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 **<u>Weekly Summary</u>**

    This week was focused on the project plan and creating a timeline for the completion of the project. We invested more time into researching the Agile methodology and how we can implement it into our project management style. We then tried to figure out how we can split the whole project into several sprints to allow us to work through several iterations of the project. This will allow us to test early and often, and show the client the early prototypes to make sure we get feedback to guide us in the right direction for the final version of the project.

- o **<u>Past week accomplishments</u>**
    - • Chris Horvatich: Made first windows with PyQt5 and love how it works so far. Worked on Project Plan.
    - • Charlie Mulderink: Worked on researching the Agile methodology, working on the team's project plan.
    - • Zachary Bunch: Research the PyQt5 framework, worked on researching the Agile methodology, working on the team's project plan, and worked on refining the list of features that needed to be implemented by the backend for the project.
    - • Connor Gaecke: Worked on implementing basic algorithms within the PyQt5 framework, researched the Agile methodology, and worked on the team's project plan.

- **Pending issues**
  - Chris Horvatich: N/A
  - Charles Mulderink: N/A
  - Zachary Bunch: N/A
  - Connor Gaecke: N/A

- **Individual contributions**

NAME	Individual Contributions *(Quick list of contributions. This should be short.)*	Hours this week	HOURS cumulative
Chris Horvatich	Started first project using PyQt5, GUI design thought, Worked on team's project plan.	7	37
Charlie Mulderink	Researched PyQt5 and Agile, and worked on the team's project plan.	6	36
Zachary Bunch	Researched PyQt5, worked on the team's project plan, and worked on refining the list of features that needs to be implemented by the backend.	7	37
Connor Gaecke	Researched Agile, and worked on implementing basic algorithms within PyQt5.	6	36

- **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: Make a more advanced prototype using PyQt5 and work with Connor on getting started creating the official backend for the project.
  - Connor Gaecke: Work with Zach on creating the official backend for the project within the PyQt5 framework.