

EE/CprE/SE 491 WEEKLY REPORT 04

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

○ **Weekly Summary**

This week we focused on updating the team website and looking at how the user will interact with the application we are creating. One of our primary goals for this week was working on updating the team website to include the basic team information. The second goal for this week was to generate all of the various ways the user might interact with the application, and what would help improve their overall experience with the application. Finally, we worked on the Elevator Pitch and tried looking at our project from an entrepreneurial perspective.

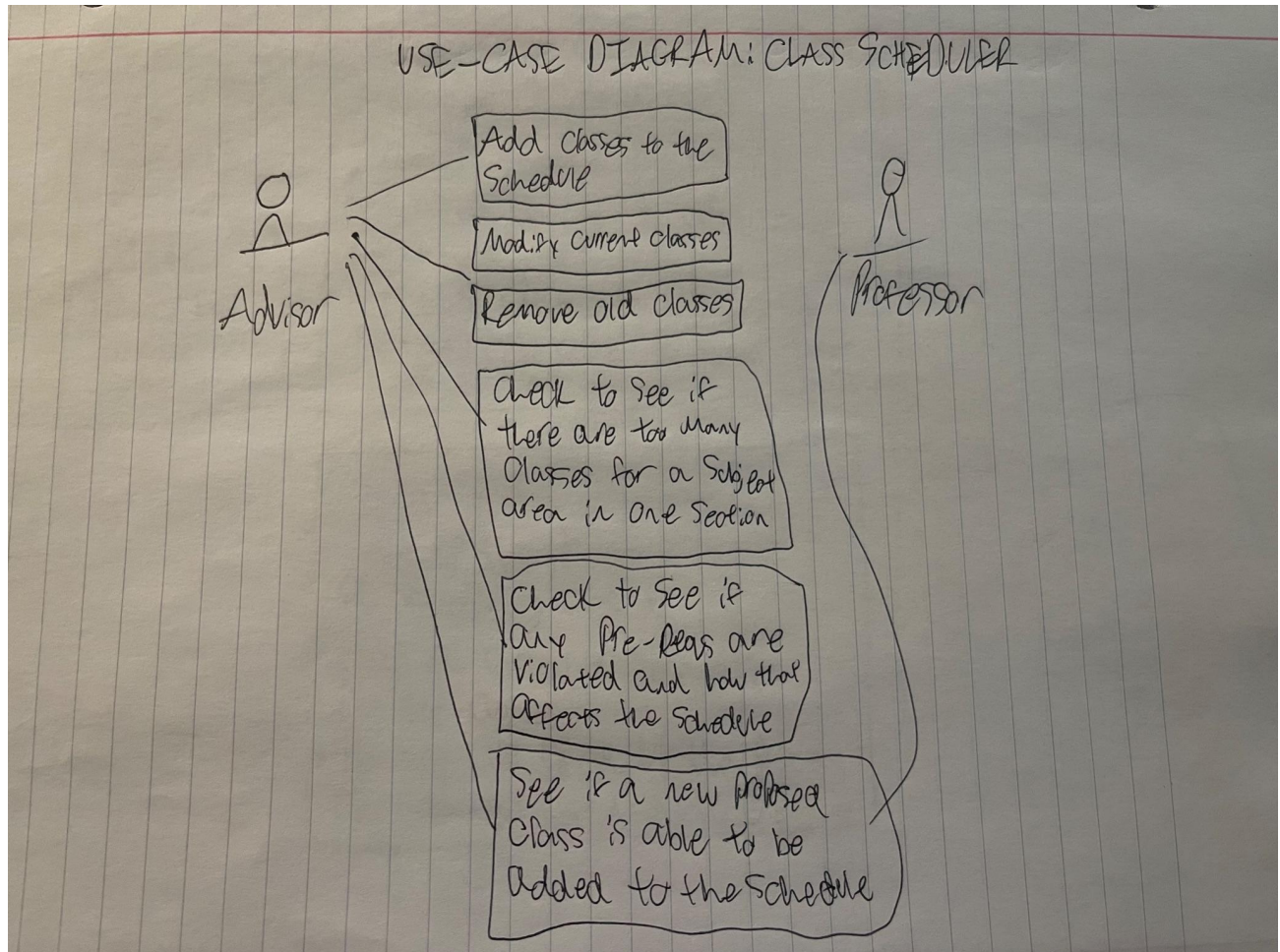
○ **Past week accomplishments**

- Chris Horvatich: Continued research on implementing the application's UI via the Kivy framework, and worked on the Elevator Pitch.
- Charlie Mulderink: Continued designing the outline for the application's UI and generating ideas to improve the user's experience with the application.
- Zachary Bunch: Worked on updating the team website, continued research on the Kivy framework, and worked on the Elevator Pitch.
- Connor Gaecke: Looked into how to implement scheduling algorithms within a python project, researched the Kivy framework, and worked on the Elevator Pitch.

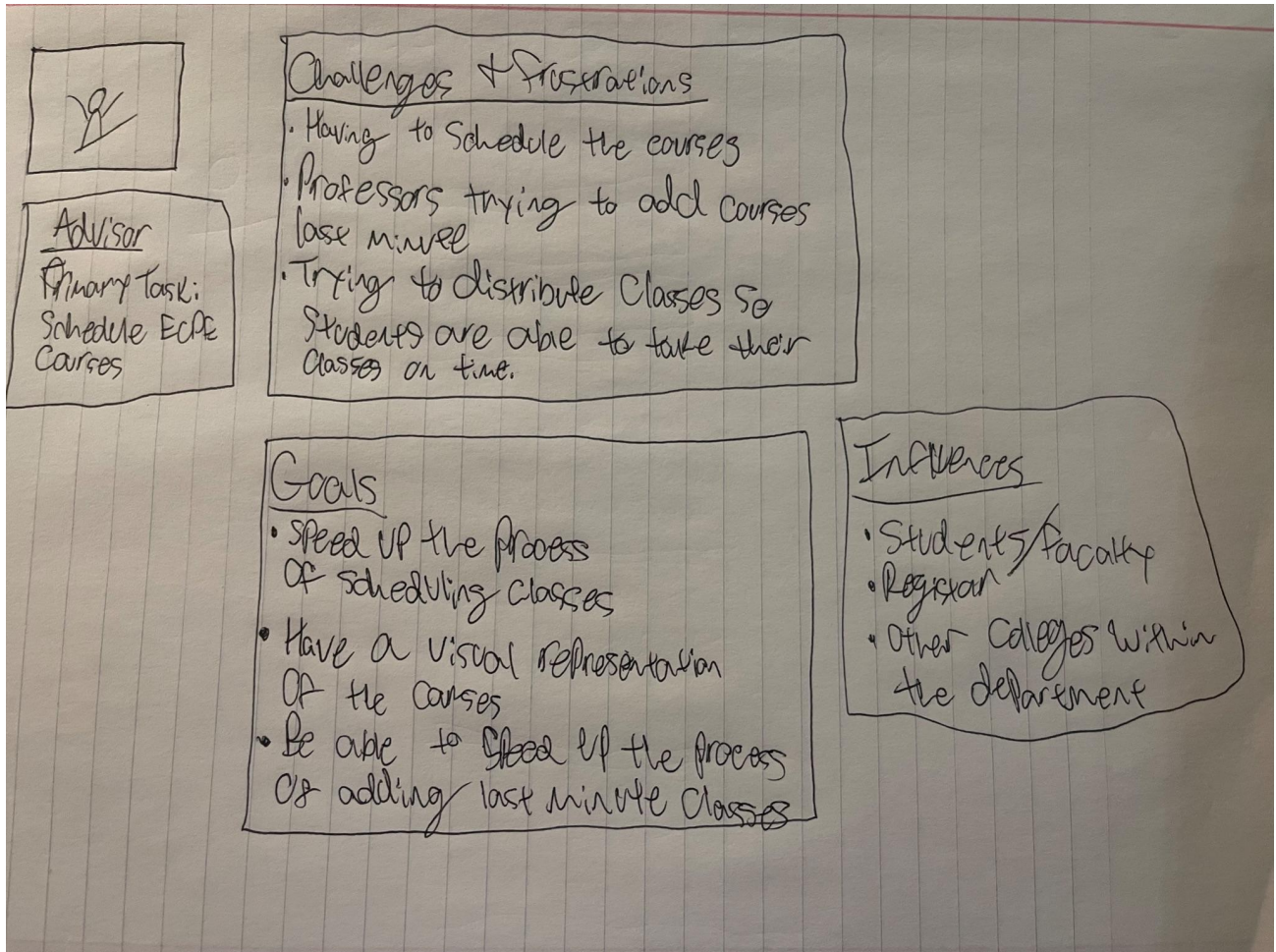
○ Pending issues

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

○ Use-Case Diagram



○ **User Persona**



○ **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u> (Quick list of contributions. This should be short.)	<u>Hours this week</u>	<u>HOURS cumulative</u>
Chris Horvatic	Attended Meetings, Research, GUI design thought, Professionalism Assignment	6	24
Charlie Mulderink	Research, worked on Gui basics	6	24
Zachary Bunch	Researched Kivy and how it can be used to implement the backend of the application	6	24
Connor Gaecke	Attended Meeting, Research on scheduling algorithms	6	24

○ **Plans for the upcoming week**

- Charlie Mulderink: Continue working on the base version of the UI.
- Chris Horvatch: Continue working on the prototype of the UI using Figma and start working towards implementing the prototype in the Kivy framework.
- Zachary Bunch: Continue working with the Kivy framework, and generate a more complex demo project. Additionally, work on getting the outline for the Class Scheduler created in a Kivy project.
- Connor Gaecke: Continue researching scheduling algorithms, and work on the outline of the Class Scheduler that will be created using the Kivy framework.