

## **Sprint 1 Plan:**

### **Team Roles:**

Project Owner: Bryson Brown

Scrum Master: Ethan

Developers: Everyone else

### **Meeting Schedule:**

Meeting 1: @Zoom, Wed Sep 25, 2024, 1:45 pm - 2 pm

### **Summary of Meeting:**

Regular meeting: @Zoom, Every other Wed 1:30 pm - 1:45 pm

Our group met with the client to discuss the app requirements for tracking office hours for students and admins (TAs/instructors). The app will allow students to mark their attendance. TAs can clock their shifts in the web application and mark their attendance. Admin can view Excel reports for payroll and analytics. Users can switch between student and admin roles depending on their class.

### **Key Features:**

- **Office Hours Tracking:** Students can mark their attendance during office hours, and TAs can clock in their shifts through the app.
- **Shift Management:** TAs can log their attendance and shift details, with data automatically recorded for tracking purposes.
- **Reports & Analytics:** Admins can generate and export detailed Excel reports on attendance and shift data for payroll and analysis.
- **Role Flexibility:** Users can seamlessly switch between student and admin roles depending on their assigned class context.

The client emphasized the need to handle potential student overwhelm, particularly during peak times, ensuring data collection for both attendance and PT (Peer Teacher) presence. The PT schedule for ENGR 102 will be managed through Google Sheets, and office hours will also be tracked to optimize resource allocation.

This meeting provided clear direction for developing a functional and user-friendly app that meets both student and admin needs while streamlining scheduling, attendance tracking, and reporting.

**Github link:** [https://github.com/et-tran50/CSCE\\_606\\_Office\\_Hours\\_Tracker](https://github.com/et-tran50/CSCE_606_Office_Hours_Tracker)

**SlackURL:**

<https://join.slack.com/share/enQtNzgXODE3Mjg5NDg4MC1kZmlxYjM3Njk2YTk1YzQ3Njg5MGFkMTFkY2RmYjk3NTg4N2JmODFhMzQxMzYxMTZkZmY3MzVIZGUwMjk2ZTA0>

**Project Management page:** <https://github.com/users/et-tran50/projects/1>

**Deploy link:** <https://office-hour-tracker-af98f17a64c2.herokuapp.com/>

### Requirements Summary:

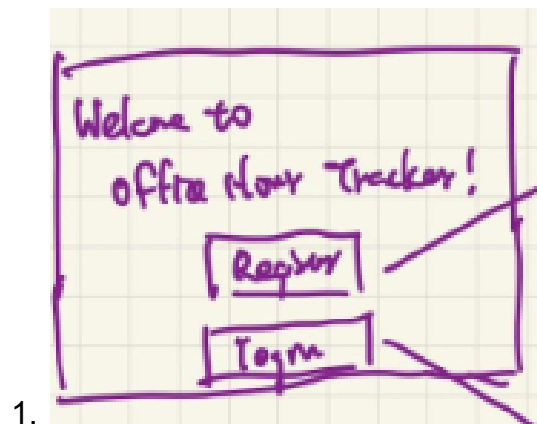
There are two main needs that the customer expressed: having the ability to track if TAs are showing up to work, and having the ability to see how many students are showing up to each shift. Our product intends to meet these requirements by tracking the IP addresses of TAs who click “I am here” in our app, and to track the number of students by recording and exporting an Excel sheet with the number of students who click “I am here” for each shift. There are multiple stakeholders in this, with finance and the professors who are responsible for the TAs being at the top of the list. This is followed by the TAs themselves as this will affect their shifts, and the students, as they will be able to get more use out of the TAs if there is more efficient staffing.

### User Stories:

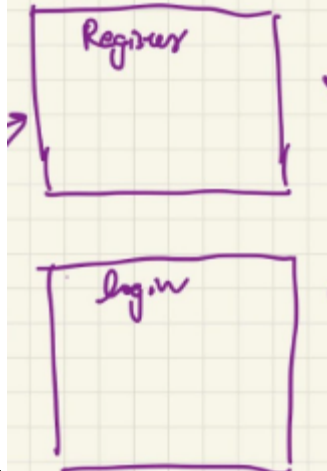
- 1) As a <student/TA/Admin> I want to <register>, so that <system knows who I am>.
  - a) Assigned students: Nazar, Chen,
  - b) Tasks:
    - i) Incorporate third-party software to be able to register a new user
    - ii) Create a UI on the home page to register
  - c) Time estimated: 2 hours
- 2) As a <student/TA/Admin>, I want to <login>, so that <I can enter the system>.
  - a) Assigned students: Nazar, Chen
  - b) Tasks:
    - i) Incorporate third-party software to be able to log in.
    - ii) Create a UI on the home page to login
  - c) Time estimated: 2 hours
- 3) As a <TA/Admin> I want to <download> the number of students per hour so that <we can use the records for scheduling purposes>.
  - a) Assigned students: Gourangi, Wei, Nhat, Ethan
  - b) Tasks:

- i) Create a database to be able to store the number of students who clicked "I am here" for each time shift.
  - ii) Export that information upon request to an Excel spreadsheet
  - c) Time estimated: 4 hours
- 4) As a <student/TA> I want to <show I am here>, so that <system can record the attendance of me>.
  - a) Assigned students: Nazar, Gourangi, Wei, Nhat, Ethan
  - b) Tasks:
    - i) Create the student home page
    - ii) Create a button on the student home page that increments the time slot the student is currently in inside of the database whenever they click "I am here"

#### UI Mockups:



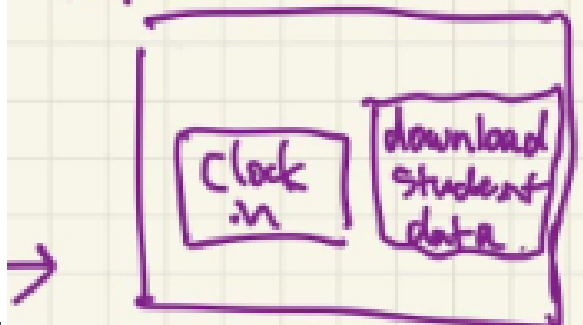
Register / Log-in  
all via Thrd Party  
Authentication



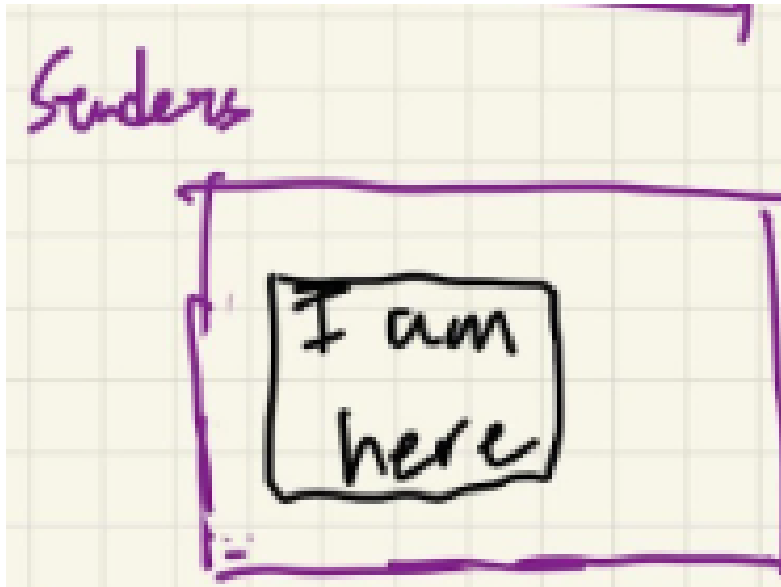
2.

Student data will be  
in an excel file once  
download button  
clicked

TA.

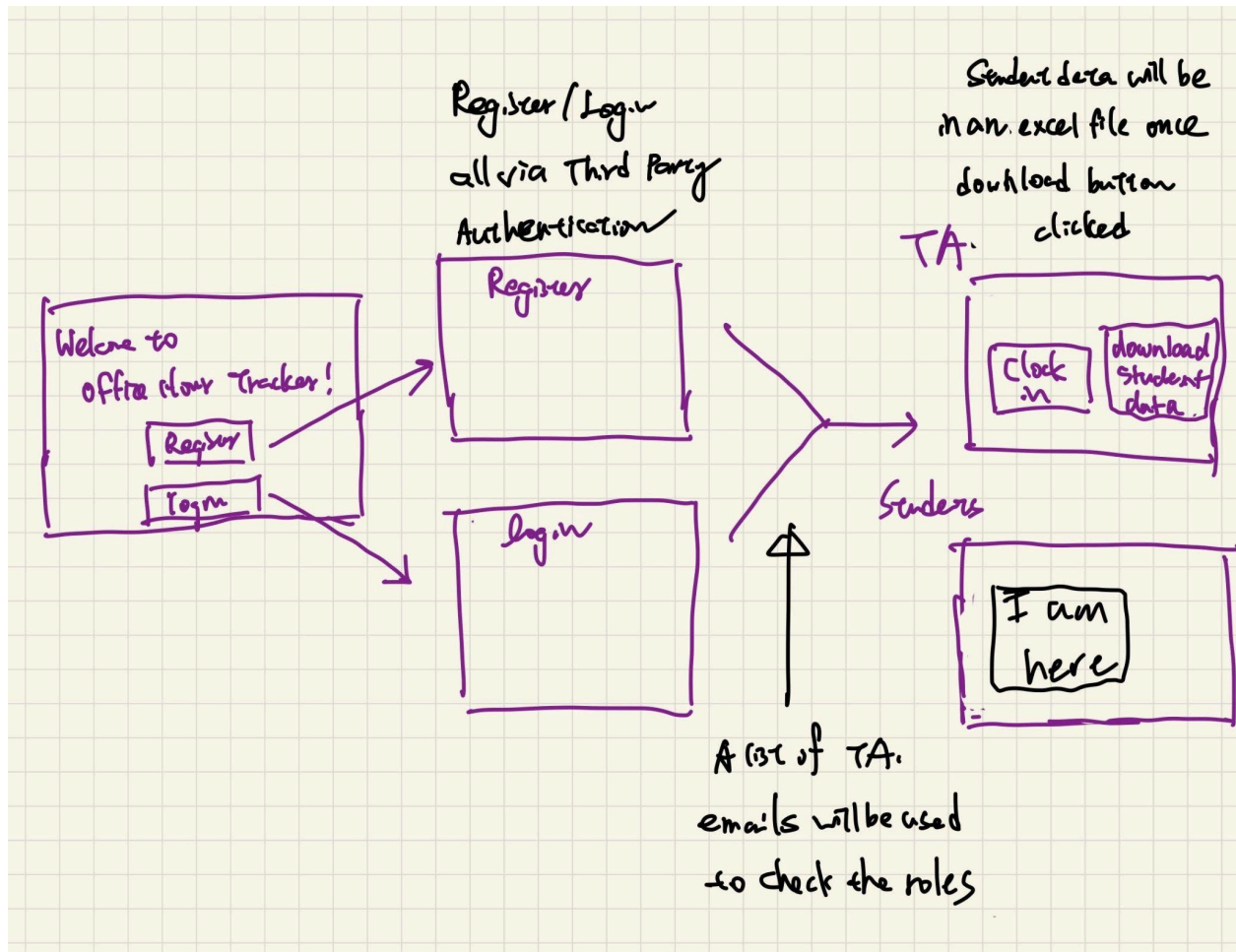


3.



4.

Total:



**Sprint goal:** The goal of this sprint is to complete the login/register feature, the student "I am here button", the database for the student information, and the "download student data" that will export this information into an Excel file.