

Sprint 3 Plan

Project Owner: Gourangi Sanjay Taware

Scrum Master: Nhat Nguyen

Developers: All the other people

Meeting Schedule:

2024/10/23 13:05 - 14:30 @Annex 245 (group discussion)

2024/10/23 13:45 - 14:05 @zoom (with client)

2024/10/23 22:00 - 22:30 @google meet (group discussion)

2024/10/25 22:00 - 22:30 @google meet (group discussion)

2024/10/28 22:00 - 22:30 @google meet (group discussion)

2024/10/30 22:00 - 22:30 @google meet (group discussion)

2024/11/01 22:00 - 22:30 @google meet (group discussion)

Summary of Meeting:

During the meeting, we started by giving a brief overview of our progress and a demo of the current features of the project. We then asked our client for feedback on the product, and she liked the format of the page currently. We then clarified the full scope of the project regarding the classes that will be using it. Based on this, we will continue with our admin pages and data visualization as planned, but we will modify the TA CSV page to add TA names. We also planned on giving the client a version of the application to test at the end of the sprint, with the improvements to the functionality being added modularly in sprints 3 and 4.

Key Features:

The system will be utilized each semester, allowing students to choose which TA hours they wish to register for in their courses. It differentiates between the roles of admin, TA, and student. The admin can view attendance trends displayed in a table on the user interface and has the option to download reports. Additionally, the application features graphical representations of attendance trends over specified periods.

Github link: 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-hours-tracker-a63f1f6d64ad.herokuapp.com>

Jira Board Link:

<https://tamu-team-office-tracker.atlassian.net/jira/software/projects/SCRUM/boards/1?sprintStarted=true>

Requirements Summary:

The customer hopes this product can be used continuously in future semesters. Therefore, we need to make it more flexible so that the courses listed and the identification of TAs can be modified by the admin. Moreover, the customer mentioned that this app will be used frequently on mobile phones, so we have to ensure its usability on mobile devices. Additionally, the customer requires TA information to be available in a CSV format for payroll purposes. The visualization of student attendance trends will also be included on the admin page.

User Stories:

1.As an <admin> I want to <upload a Admin/TA email file>, so that <I can change the Admins/TA if needed.>

Point (2) - Bryson

Tasks:

- a. Allow the admin to add individual TA account
- b. Implement functionality for the admin to upload a file containing TA emails, which will replace the existing TA email file.

Estimated Time: 3 hr

2. As an <admin> I want to <change the available courses>, so that <courses information can be updated each semester>

Point (2) - Franklin

Tasks:

- a. Display the list of courses stored in the Course database on a dedicated subpage in the admin account.
- b. Enable CRUD (Create, Read, Update, Delete) functionality for the course database directly on the subpage. This allows admins to easily add, modify, or remove courses as needed.

Estimated Time: 3 hr

3. As an <Admin>, I want to <see student attendance in UI>, so that I can have a record of attendance for analysis in UI.

Point (2) - Ethan

Tasks:

- a. Display attendance data in the UI.
- b. Add course selection options (all or specific courses) for the admin when downloading the attendance CSV.

Estimated Time: 3 hr

4. As an <Admin>, I want to <see attendance graphs>, so that I can understand attendance trends.

Point (2) - Chen-Hung

Tasks:

- a. Display students' attendance trends on a monthly and weekly basis.
- b. Add course selection options (all or specific courses) for the admin when viewing or downloading attendance data

Estimated Time: 3 hr

5. As a <User/TA>, I want to <make the GUI more intuitive>, so that <users can navigate the application easily and have a positive user experience>

Point (1) - Nazaro

Tasks:

- a. Modify the Background image to make the text readable, Modify the UI of the form in the Admin page.
- b. Modify the CSS in the newly added page, so that each page looks consistent.

Estimated Time: 1.5 hr

6. As an <Admin>, I want to <see the list of TA checked in>, so that <the admin can use it to process payroll>

Point (1) - Nazaro

Tasks:

- a. Modify the TA CSV file to contain the following column (name of the TA, check in date and time)

Estimated Time: 1.5 hr

7) As a <product owner>, I want to <prioritize the story that should be addressed in this sprint>, so that <the client can use the product after this sprint.>

Point (2) - Gourangi

Tasks:

- a. Discuss with teammates about the story that should be put in this sprint
- b. Write rspec tests to ensure that each component works normally.

Estimated Time: 3 hrs

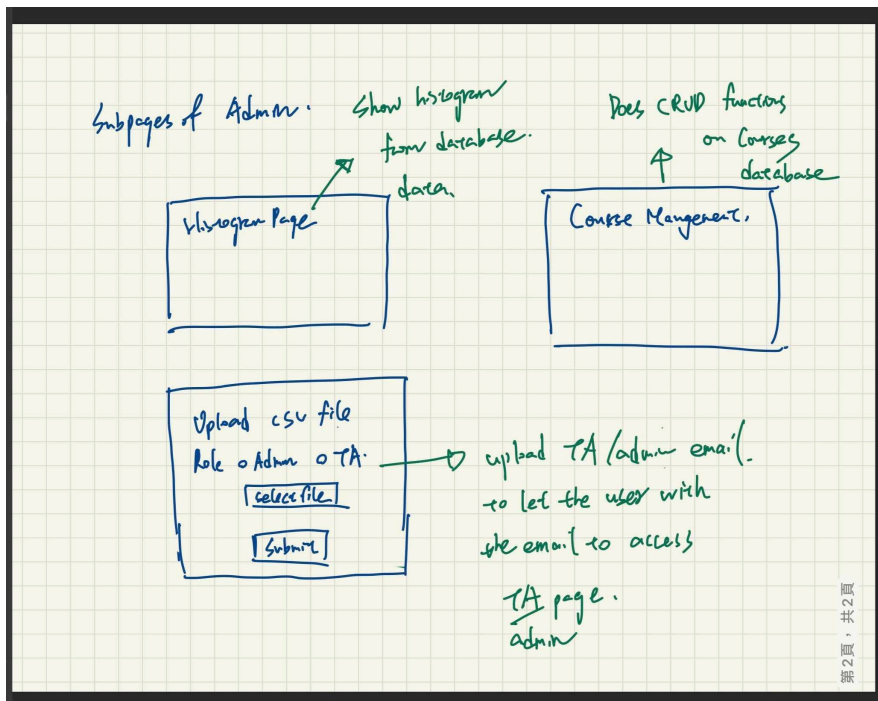
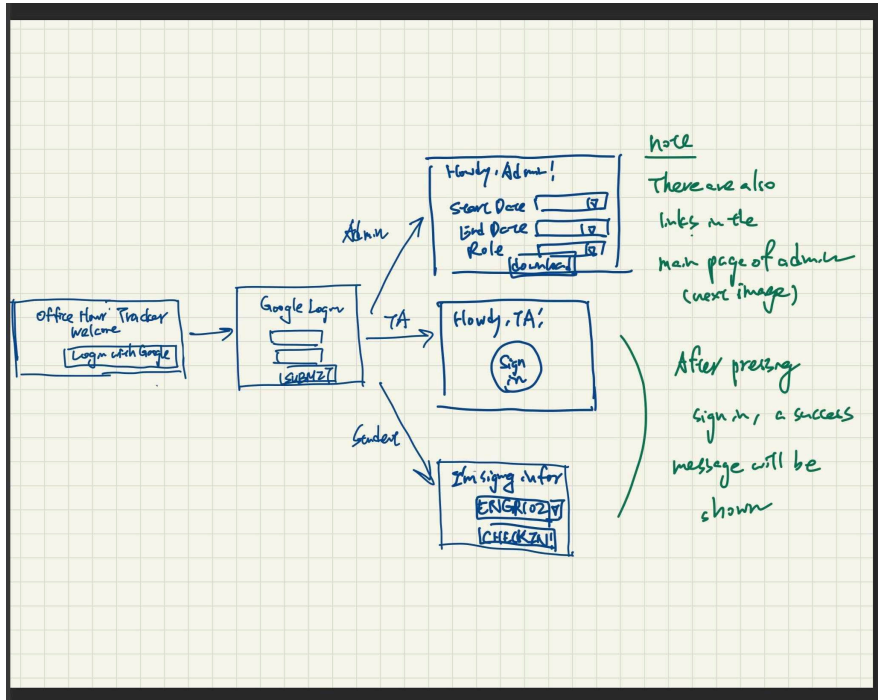
8) As a <scrum master>, I want to <arrange daily meetings and remove difficulties encountered by teammates>, so that <the developers will have reasonable progress during the sprint>

Point (2) - Nhat

Estimated Time: 3hrs

- Hold regular stand-up meetings to learn about people's progress and to remove obstacles in the development process
- Write cucumber tests to ensure that the functions are working properly.
- Arrange weekly meetings with the TA

UI Mockups:



Sprint goal:

To enhance the functionality and usability of the application by implementing critical admin features, improving the user interface, and ensuring accurate data management for attendance and course information, allowing the client to effectively utilize the product by the end of this sprint.