

# **Beta Release Document :**

## **Sukoco**

**Team Member:**

Gyuri Kim

Sungwoong Park

## 1. Individual Progress Update:

### Gyuri:

**Milestone 1** - Complete the log-in, register, and change the profile info page. There was no hard time to implement those functions. Those functions were not connected to the database at that time (milestone1). However, we connected to the database now.

**Milestone 2, 3** - Original plan was completing the timetable but there are dependencies, so instead of doing timetable, I completed Rate the professor page. Sungwoong is now working on the backend to connect with the database.

**Milestone 4, 5, 6** - Original plan was working on the chatting system but since we decided to remove the chatting system, I'm working on the timetable page. I had a hard time implementing the timetable, so I looked for the references and I found a good resource to follow. Therefore, I followed the resource and changed some parts to be fit in our project.

### Sungwoong:

**Milestone 1:** This week is mainly about learning stuff and defining what to do. I learned about the Typescript and made class schemas.. Basic routings are created to let Gyuri know which route should be called for each instance. I also learned about https encryption with OpenSSL.

**Milestone 2 and 3:** I wasn't able to work on because of health problems.

**Milestone 4:** Https encryption has been implemented for connection between front and back end. Also, I prototyped API calls to remove dependencies on Gyuri's work. Session login is completed on the backend only, and login and register is done.

**Milestone 5:** Login with Session and Register frontend and backend implementation, profile page integration, Technically, I worked to change front mockup to actual connected app with backend.

**Milestone 6:** Currently, I am working on the rate of the professor for both front and back end. It is expected to be done by Sunday, and the system test will be on Monday.

## 2. Group Progress Update:

### Current Progress

Currently, we are running behind schedule. For functional requirements, we meet the requirements for login and register. Timetable and rate the professor features are on the stage of integration. Chatting system is to be abandoned because of practical obstacles.

#### a. Reason explained why Chatting System is Abandoned

The first reason is that the schedule has already been delayed. As a result, this means we have limited time and resources available for this project. By prioritizing many features, the chat system has been abandoned for some reason.

The reason that the chat system is not prioritized is that there are already well-made functions to adapt. Practically, it is hard to make a better interface and provide a better user experience than other products. Therefore, we will use Kakaotalk open chat system. Therefore, the url of the open chat room will be provided instead of the chat system.

#### b. Reason of delay

The reason for this delay is because of improper measurement of learning steps and no work distribution of integration. In the early stage of the project, we were thinking about using Typescript instead of Javascript. The pros of Typescript are error free from type error. However, I failed to estimate the difficulty of Typescript. It was not only about learning new stuff, but lack of documentation compared to Javascript and spending more time defining types on different libraries manually.

- a. Extra reason: Before actual development, we had discussed the work distribution.

It was mainly about dividing the frontend and backend, but nothing about integration.

### **Future Plan**

At this time, most of the problems are solved. The integration task is specifically on Sungwoong, and learning Typescript is done. At the speed of development, we are sure to finish the project by June 1.

### **Grade for ourselves**

Before the reason, we should talk about what we did good and bad. We did good for this project in the sense of learning. Although we took CSE316, we did not learn anything about importing contemporary libraries, but for this project, we should learn about the excessively more libraries than we expected. Besides the libraries, we should learn Typescript and MongoDB for the backend part of the project.

We did bad for this project in the sense of scheduling. Sungwoong was sick and not functioning for a few weeks. and we underestimated the development time and learning time. Furthermore, we failed to simplify and divide each task into smaller tasks.

So far we have completed this project, I feel our overall grade is B+ because the output of the project is around B grade, but considering situational problems, which are the team composed with only two people, health problems, and implementing new stacks, our grade is around B+.

**Presentation link:**

[https://docs.google.com/presentation/d/1jLeXLTzPE0kSsFAmI5PLnJRt4wi1B5Pmsw\\_6CS\\_GPUG/edit?usp=sharing](https://docs.google.com/presentation/d/1jLeXLTzPE0kSsFAmI5PLnJRt4wi1B5Pmsw_6CS_GPUG/edit?usp=sharing)