

# Sprint #04 Planning

**Date:** 05/10/2020

**Sprint:** 4

**Scrum Master:** Vincent Villaflores (s3728807)

**Development Team:** Meng Kheang Leng (s3704080), Chhayhy Kourn (s3699618), Hue Phuong Le (s3687477), William Bossen (s3658961)

## Sprint Goal:

To begin this sprint, the team will add more unit tests for the front-end and also some of the tasks that we were unable to complete from the previous sprint. However, the main goal for this sprint is implementing the functionalities that are left to complete the full functionality of our system. This consists of: admins being able to view and change the available sessions, customers being able view and edit their information and password, as well as cancel their appointments. As well as workers being able to view their assigned hours and services. Additionally, we will be completing the sprint update, product backlog and refactoring. As well as automatic deployment using Kubernetes.

## Sprint Capacity:

Due to the later submission from the previous sprint, this sprint will last for 11 days. The sprint capacity for this sprint is based on each member working for 4 hours per day. Each member should have around 44 hours available in total to complete the assigned tasks for this sprint.

## Special Circumstances:

Due to a global pandemic, we are unable to leave our homes/meet up in person, which puts restrictions on how well we can coordinate and communicate regarding our working. Therefore, this unfortunate situation may impact on how well we can deliver our product for this sprint.

Moreover, it is nearly the end of the semester, the sprint due date will be correlating with other team members' other assignments due date. However, the team will work harder together in order to finish this sprint on time.

## Sprint Goal & User Stories

STORY	USER STORY	RANKING
-------	------------	---------

NUMBER		(Story points)
7	As an admin, I want to be able to change the available session times so that customers don't book appointments no worker can go to	5
12	As an admin, I want to view all workers' availability for the next week, so that I can swap schedules between workers if any emergencies happen	2
18	As a customer, I want to change my password so that my account is secure	4
20	As a customer, I want to be able to edit my important information including address and contact number, so that I can ensure all my bookings in the future will have my correct information	3
21	As a customer, I want to be able to view all my details in my profile page, so that I can confirm all my details are correct	1
22	As a customer, I want to be able to cancel my appointments so that I can rearrange my schedule if there are any emergencies	3
27	As a worker, I want to be able to see my assigned hours so that I can prepare myself accordingly	2
28	As a worker, I want to be able to see all my services, so that I can prepare carefully and provide customers the best experience	2

## Summary

### Tools

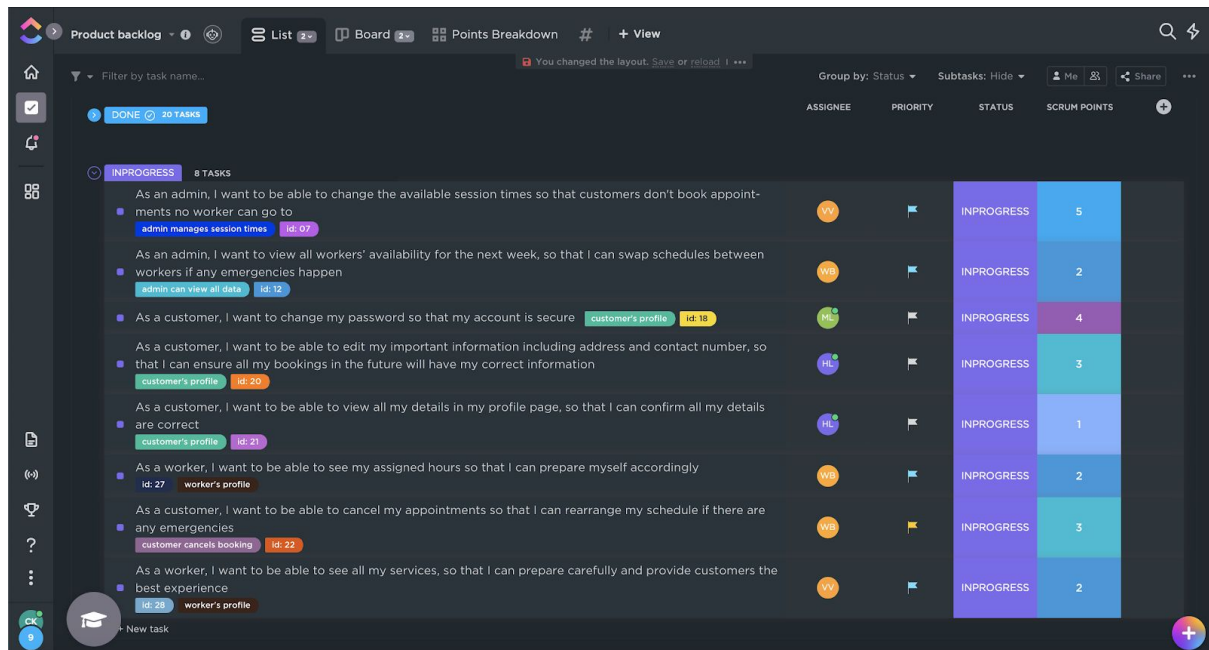
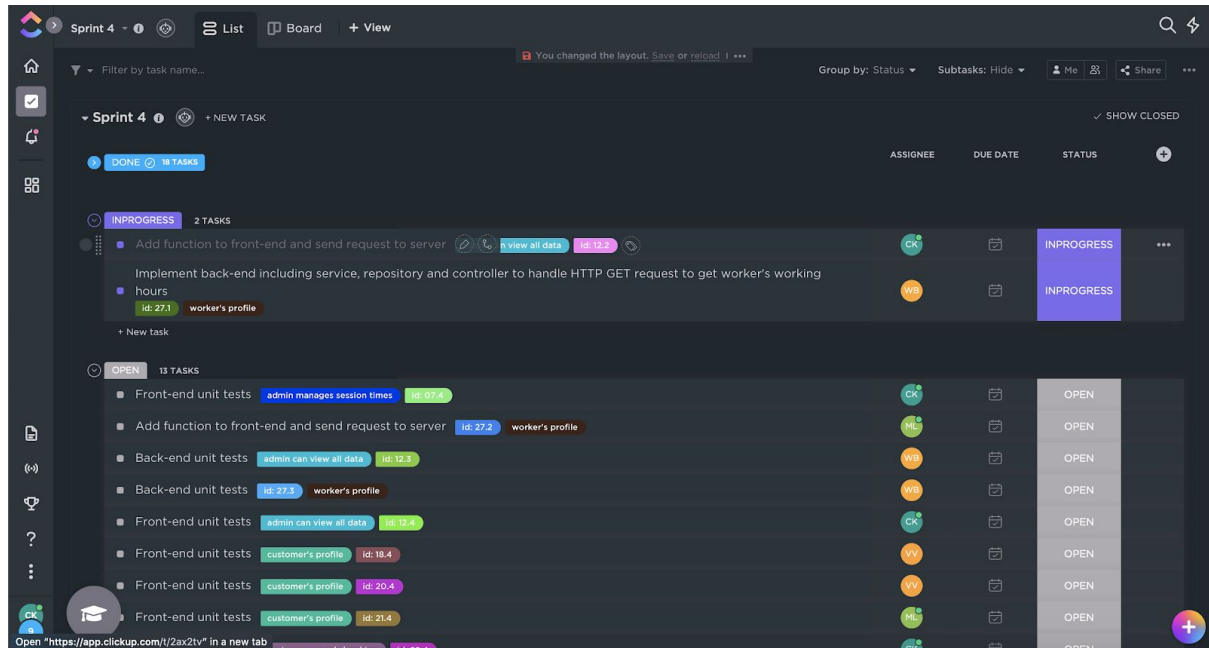
- Microsoft Teams: Communication
- Clickup: Sprint and Product Backlog, Task Management
- Github: Version control
- Google Sheet and Google Docs: Documentation
- IntelliJ IDEA: Java IDE
- SpringBoot: Back-end framework
- Hosting environment: Amazon AWS
- Java version: 1.8
- React: Front-end framework
- Maven: Build tool
- H2: Data store
- JUnit5 for Java: Unit testing framework

- CircleCI: CI/CD tool

Our Github Repository can be found here:

<https://github.com/RMIT-SEPT/majorproject-9-mon-15-30-2>

Screenshots of our ClickUp workspace are provided below:



## Skill Outline

Each team member is responsible for:

- Vincent Villaflores: Scrum Master, running testings
- Meng Kheang Leng: Front-end developer
- Hue Phuong Le: Back-end developer
- Chhayhy Kourn: Front-end developer
- William Bossen: Back-end developer

Considering that each member has experience in a different field, therefore, those who specialized in a specific area will handle any relevant outstanding issues. However, we still take an equal workload and help each other during our sprint.

### Task Outline

Assigned to	TASK NUMBER
Vincent Villaflores	18.4, 20.4, 27.4, 40
Meng Kheang Leng	18.2, 20.2, 21.2, 21.4, 27.2, 28.2, 28.4
Hue Phuong Le	07.1, 07.3, 18.1, 18.3, 21.1, 28.1, 28.3, 22.1, 21.3, 22.3, 20.3, 20.1
Chhayhy Kourn	22.4, 07.2, 22.2, 12.2, 12.4. 07.4
William Bossen	12.1, 12.3, 27.1, 27.3

### Issues Addressed:

The team will need to figure out how to use Kubernetes to set up the Docker image for the front-end and deploy it automatically to AWS with CircleCI. Moreover, linking back-end and front-end to make them be able to see each other is also a challenging job.

### Issues to follow up on:

- Continue finalizing front-end unit tests for the previous user stories
- Deployment in AWS