Working Experience while Developing Mobile Applications

While developing this project, we realise that teamwork is really important to develop a project. In this project, we work together as a team to develop a hybrid mobile application called “Health Tracking System”.“Health Tracking System” is a system that is used to monitor an individual's health condition. It consists of two functions which are BMI calculation and water recording function.

At the initial stage, we plan the project together and distribute the task equally. Some of the members are responsible for the HTML development and the other members are responsible for learning about the MIT application for the designer and block function. Since this is the first time we use the MIT application to build the mobile application, we learn to build and program the application from the MIT community, stack overflow, and some youtube videos as a guidance. In order for us to store the data on the cloud, we use Google Spreadsheet and Google App Script as additional tools to store user information and record their usage data.

During the development stage, we track each other's progress and inform each other for the development progress since the MIT inventor does not support multi collaboration. Thus, we use additional tools to keep track of our progress and share our files to the other team member which is GitHub.To make sure the member get the latest version file,we implement version controls to ensure that the file pull by other member is up to date.When encounter any problem on developing the apps,we will discuss it using google meet and other social media to communicate to solve the problem.Besides,we also share our knowledge to another team member while developing this application.

In conclusion, we learned a lot of knowledge and communication skills where we communicated to each team member and collaborated to build this project.Moreover,this project also brings a lot of benefits to us like helping us to further the workplace of cloud development environment.

Roles and Contributions of each Team Member

| Team Member | Role | Contributions |
| --- | --- | --- |
| 1171203702 Feu Che Sung | Leader | * Deliver tasks equally to all members * Complete the register and login page * Contribute on helping other members on the development stage * Help to check and assists other member works * Check and modify READ.md and Usage Manual. |
| 1171203853 Lim Hui Fang | Member | * Complete on the development of additional features (Drink Dashboard) * Complete the Usage Manual in GitHub * Prepare the READ.md in GitHub |
| 1171203781 Kiew En Tong | Member | * Complete on the development of additional features (Set Water Target) * Complete the Usage Manual in GitHub * Prepare the READ.md in GitHub |
| 1171203668 Koh Jun Hong | Member | * Complete the development of BMI calculation * Complete the Usage Manual in GitHub * Prepare the READ.md in GitHub |
| 1171203759 Tan Kah Feng | Member | * Complete the development for chart display * Complete the Usage Manual in GitHub * Prepare the READ.md in GitHub |