

# **IM3080 Design and Innovation Project (AY2021/22 Semester 1)**

## **Individual Report**

Name: Violin Yapputri

Group No: 2

Project Title: Float, a mental-wellness app

### **Contributions to the Project**

- Team leader for group 2 as well as the front-end head.
- Coordinate the team from team divisions (design, front-end, back-end) to task delegation and giving direction from high level view, taking the role of project leader.
- Become the bridge for communication between developers and designers when necessary
- Manage our GitHub such as branching, naming, and merging
- QA and testing for every iteration of the app while merging codes from everyone every week
- Teach and help fellow team members to understand ReactJS and React Native concepts
- Implement React Redux Integration to the app
- Do final changes of the app code when needed
- Contribute to the making of Rewards and Guides pages and system
- Keep track of project progress and team members' progress
- Advise design team on UX and UI flow
- Perform backend integration for Rewards portion
- Edited promotional video

## Reflection on Learning Outcome Attainment

### Point 1: Design/ development of solutions

Throughout the project, I learned about the real application of having to develop ideas from scratch to executing it. This shows how important it is to have a proper planning when designing the solution so that everyone is on the same page moving forward, hence, making the execution process more efficient. When deciding on what idea to push for, we had some discussions for all ideas that everyone came up with. By having this, everyone has the deciding power and it lets everyone to understand the project thoroughly.

For development side, it is quite tough in the beginning because everyone is quite lost on what to do, what is happening, and how to use the tools such as React Native and AWS. By having weekly meeting, we keep updating each other and help out when there is any problem, and this lets the decentralised project delegation possible so that everyone have their own ownership to the project. It is also good that in the meeting, we keep track on what we have done and what's next to do while keeping the overall project target in mind so we can reassess the effort needed to complete certain tasks and keep going.

### Point 2: Communication

As we are split into several subgroups based on the features that we're working on, there will be some misalignment in the ideas. This places communication as the utmost importance for the project. We tried to encourage seamless collaboration, by letting everyone communicate to each other directly when they need some information or clarification and in our case it is quite efficient so that updates are kept timely and we do not have to wait for certain things or redo some discrepancies. Good and open communication that we have really help us to go further with this project and work together efficiently. It also opens room for trust.

### Point 3: Individual and Team Work

I think this DIP has shown how team work and individual work correlates to and amplifies each other. As a software project, we are building different features and every week with different tasks to do, and often, these are not something that is meant to be for team work. This makes it complicated when we have to do our own items but we need to make sure that everything is the same when combined with other people's parts. With this situation, we did a team discussion at the very beginning to get everyone's understanding, ideas, and expectations to the project, in which I think is a very crucial and important thing to be done. Because of this good team work, we have the trust to let everyone do their own portion, and achieve bigger things. It escalates the individual work, like writing codes/ design certain features faster as well. Another plus point is that, the project can be done on time on target so with our different schedules, we can still complete this project on time. With this project, I think we did pretty well in terms of balancing individual and team work which can be seen from our project results as well.