

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

Individual Report

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Group No: 4

Project Title: BusMeet

Contributions to the Project

1. Figma prototype

During the early stages of our project, we split up into 2 teams to look at different aspects of the functions that we wanted to include in our application. I was under the Reporting and Weather function.

One of the earlier prototypes I did was section out the different information that will be displayed on the weather page as there was a lot of information to be put out. Further prototypes were done up by other group mates to match the overall theme. This function was also put as second priority as we wanted to focus on implementing other functions instead.

2. Experimentation with codes to implement host perspective

When the roles were delegated out, I was placed under the coding team to code and implement the host perspective on the application.

Together with Yan Qin, we looked for tutorials online to learn and code along the way. Though we managed to create a mock login page for the host perspective, we were unable to push out this function on our end.

3. Scenario video

For the final part of the project, Yan Qin and I were tasked to film a video for our inspiration behind our application. We thought of a real-life scenario in our student life that could best represent the struggles faced when using current bus applications.

4. Preparation of presentation slides

Besides adding the content needed, I paid attention to making adjustments for clear representation of information and ensured that format of slides is coherent throughout.

Reflection on Learning Outcome Attainment

Point 1: (j) Communication

This DIP module was the first time I experienced working with such a big group of teammates. There were communication gaps during the initial phase of the project but we found ways to gap up along the way, especially towards the end of the project. At the start, our group had difficulty getting everyone on the same page as we were unable to find common time to meet as everyone had different commitments. Most of our communication was done through texts, and it was not as easy to convey the same message over the text form of communication. As we entered into Week 4, we noticed different small groups had their own communication within themselves but we were not aligned as a group as a whole. We quickly arranged for a call to delegate out tasks in more detail to ensure everyone was on the same page. From this experience, I have learnt the importance of communication in a group project, it is not only to report our progress to one another, but also to sound out for help when we face any difficulties so that our group is able to face it together. This is definitely something I need to work on in my future projects as I tend to not sound out when I face difficulties. I believe that this important lesson learnt here will be beneficial in my projects or in the workplace in the future.

Point 2: (l) Lifelong learning

This project introduced me to many new platforms that I was not familiar with. It was a great learning opportunity and a safe space for us to experiment and try them out in this project. Although the coding part was a really difficult one to learn and pick up, I am glad that I managed to learn and apply what I could during this period of the project. This project widened my perspectives towards learning as it showed me there are numerous skills needed in this project, and it revealed to me the many areas which I was lacking in. Through this project, I was also exposed to the large number of resources available online that were able to aid our learning process. Beyond picking up technical skills, this project showed me the importance of having a positive learning attitude, to be able to enjoy and improve myself in this lifelong learning journey. I believe that I have a lot more room for learning as it does not just stop at the end of this project, and I am looking forward to utilise and leverage on the resources available to improve and better myself.