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

Name: Danielle Chee

Group No: 6

Project Title: Cohab

Contributions to the Project (1-2 page)

In the initial stages of developing and idea for what the project could be and how its design would roughly look like, helped contribute to the pool of ideas.

Helped the team in designing the UI layout of the app, especially on the Chores page. Designing was a collaborative effort done on Figma.

When the work first got split, volunteered to join the small coding team, and worked on the chores screen. As the work got split so more people joined the coding team to speed up the process, was leading a small group of 4 to implement the front-end and back-end UI and database to the chore screen interface, since that screen got delegated to showcase how the app can link to the database.
Was tasked to improve the styling for the notification drawer window as well.

Helped with the writing and overall editing of the group project report.

Presented for the group twice, once on week 8 and another for the final presentation on week 14.

Reflection on Learning Outcome Attainment

Reflect on your experience during your project and the achievements you have relating to <u>at least two</u> of the points below:
    (a) Engineering knowledge
    (b) Problem Analysis
    (c) Investigation
    (d) Design/development of Solutions
    (e) Modern Tool Usage
    (f) The Engineer and Society
    (g) Environment and Sustainability
    (h) Ethics
    (i) Individual and Team Work
    (j) Communication
    (k) Project Management and Finance
    (l) Lifelong Learning

Point 1: Engineering Knowledge—React Native and JavaScript
Prior to this project, I have no knowledge of JavaScript, let alone any of the libraries for React Native to code a whole app. However, took this challenge as an opportunity to learn and practice more for coding. Eventually, was confident enough to overlook a small team when coding and implementing functions and importing external React Native libraries into the app. Was also confident enough to improve the look of pages and using styles and containers that have previously no idea of.

Point 2: Communication—As a group of 11
Prior to this project, I had not had the experience of communicating and working in not only a large group of 11, but also one where people have different ideas on how to go about with doing things. It was challenging to manage, and initially, disagreements were common. However, learning how to communicate more effectively and valuing transparency in our intentions, above all else, has been a wonderful and even enlightening learning experience. The group became a lot more cohesive and even started to become more supportive of one another, and all from learning how to be proactive and communicating clearly.