

IM3080 Design and Innovation Project (AY2022/23 Semester 1)

Individual Report

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Group No: 2

Project Title: Kung Food Hippo

Contributions to the Project (1 page)

Week 1: All members, including me, researched on what app we thought our group could do to improve on its current features and came up with possible innovations that could be implemented. The app I came up with was Shopee.

Week 2: After finalizing on the app that we were going to do, I worked together with some other members to recreate the app design on Figma, and also added in some possible innovation designs that we discussed about.

Week 3: We linked together all the pages on Figma.

Week 4-10: I added in data in the database, such as 26 customers (name, email, address), 16 shops (shop ID, name of shop, description of shop, address, opening and closing hours), 5 dishes per shop (shop ID, dish name, dish category, description of dish, picture of dish, price of dish), 34 shop tags (shop ID, cuisine type), 12 tags (name, description, category), 249 reviews (initially did a 1-5 scale, but changed to a 1-10 scale instead based on food, packaging and value, and review ID), and 249 customer reviews (customer email, shop ID, date, review ID, comments).

Week 11: Started designing the poster together with some other members.

Week 12: Started on the group report.

Reflection on Learning Outcome Attainment

Reflect on your experience during your project and the achievements you have relating to at least two 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: Individual and Team Work

In this project, most of the individual work I did was for adding details into the database. I felt that the data was an essential part of the project as it was to be put as content into the app itself. These details show the stalls available, what dishes each stall has, pictures of each dish, as well as the menu categories for each stall, which are the basic features of a food delivery app. Thus, I felt that I did competently in this area.

In this project, there was also a lot of teamwork involved for the members of the group to work efficiently. If there was any issues in the app, or there was a need to add in more data, we know that we need to ask the other members for help quickly in order to avoid waiting around and wasting time, especially since we are given such a short period of time to complete the project.

Point 2: Communication

In this project, there were also a couple of instances where the other members of the team required the data in the database to be completed before they can implement their part of the code. Thus, there was a need for me to finish adding in data into the database quickly for them to start on their part too. This required us to communicate with each other as to which parts needed to be done quickly for the project to flow and improvements to be made. I felt that I did this part well as I usually finished my part quickly.

The group leader was also very good in managing us, as he was always open to suggestions and was clear in delegating our duties.