**Group Members: Dominic, Yi Jie, Xiang Yi**

i. Proposal (5%)

You must submit a two-page proposal to describe your project and your team members’

involvement. Each team member should put in a reasonable amount of effort in the

project. The expectation of a bigger-sized team will be higher & more demanding than a

smaller team. The proposal should include the following sections:

a. Project Title

**GrabPanda**

b. Background

Why do you want to build this web application?

**To provide convenience and safety to others during this pandemic**

c. Objectives

What do you want to achieve with this web application?

**Manage and purchase food orders through our web application. Ability to customise food orders at the same time. All these can be done at your fingertips to reduce the rate of transmission of Covid-19.**

d. Key Features

Write down clearly what are the things that user can perform with your web application.

You may submit a use case diagram if you are familiar with it. For a 2-man team, there

should be around 8-10 features. For a 3-man team, there should be around 12-15 features.

For clarity and fairness, user login, registration and logout are considered as one feature.

| **Function** | **Description** | **Names** |
| --- | --- | --- |
| Manage Cart | Able to view and edit cart | Yi Jie |
| Membership | Membership Level | Yi Jie |
| Ordering | Able to add items to cart, customise orders | Yi Jie |
| User Administrator | User login, Registration and Logout | Yi Jie |
| Homepage | Able to view the restaurants page | Dominic |
| History | Able to view History Orders | Dominic |
| Pre-orders | Able to schedule food orders | Dominic |
| Ratings | Able to review of service | Dominic |
| User Management | Able to edit User Information | Xiang Yi |
| Promotions | Promotion Page to redeem rewards | Xiang Yi |
| Favourites | Able to add Restaurant to Favourite | Xiang Yi |
| Delivery Options | Able to choose pickup/delivery | Xiang Yi |

1. (Manage Cart) - Able to view and edit cart [Yi Jie]
2. (Edit Order) - Able to customise orders [Yi Jie]
3. (Ordering) - Able to add items to cart [Yi Jie]
4. (User Administration) - User login, Registration and Logout [Yi Jie]
5. (Homepage) - Able to view the restaurants page [Dominic]
6. (Promotion) - Able to redeem promotion item with points [Dominic]
7. (History) - Able to view History Orders[Dominic]
8. (Ratings) - Able to review of service [Dominic]
9. (User Management) - Able to edit User Information [Xiang Yi]
10. (Pre-Order) - Able to schedule food orders [Xiang Yi]
11. (Favourites) - Able to add Restaurant to Favourite [Xiang Yi]
12. (Order Options) - Able to choose pickup/delivery [Xiang Yi]

e. Team members

Write down each team member’s name, admin number and email address. Write down

clearly how each team member will contribute to the project.

1. Ng Yi Jie, 191876K, [ngyijie2@gmail.com](mailto:ngyijie2@gmail.com)
2. Dominic Whye, 192195W, [dominicwhye@gmail.com](mailto:dominicwhye@gmail.com)
3. Khor Xiang Yi, 193842X, [tsuxbasa@gmail.com](mailto:tsuxbasa@gmail.com)

f. References

If you have done any research to support your proposal, feel free to put the links in this

section. Create and invite your lecturer to your GitHub repository. Write your GitHub

repository name (username/repository name) here in this section. For e.g.,

**[ ngyijie/webapi\_project ]**

**Github username:**

Ng Yi Jie **- ngyijie**

Dominic **- dombennic**

Xiang Yi **- tsuxbasa**

[**https://github.com/dombennic/webapi.git**](https://github.com/dombennic/webapi.git)

Please do not proceed with the project implementation until the lecturer has approved

your proposal. However, you may do the initial project setup while waiting for the

approval. Proposal approvals will be sent via emails. Please ensure that you have

provided valid emails.

References:

<https://food.grab.com/sg/en/>

<https://deliveroo.com.sg/>

<https://www.foodpanda.sg/>

