

## **Milestone 3 group6**

### **Summary of the project:**

This project is meant to help the management of a hotpot restaurant by keeping track of its storage and sales. In this application, business managers can keep track of the sales per day per item in each branch and get updated information of the storage condition. Those information kept in this database helps managers to make efficient and reasonable decisions.

### **Timeline and Task Breakdown:**

In general, Eunji will be in charge of the frontend GUI design, while Lavender and An will be implementing the backend design and database. We plan to have a group meeting every Friday. The following are the goals we aim to achieve before each meeting:

Mar 15th:

- Sketch the basic frontend design on paper (Eunji).
- Learn the required tech stack (React, MySQL) (Eunji, Lavender, An).
- Complete the basic setup (create and divide files for frontend, backend, and database) (Lavender).

Mar 22nd:

- Implement frontend using React (Eunji).
  - Write the HTML in alignment with the design.  
Eunji will provide a sketch of the GUI design on paper to the teammates before the implementation starts to ensure the team is on the same page.
  - Transfer user responses to the backend using axios.
  - Add the necessary CSS styles for the design.
- Implement backend using JavaScript (Lavender).
  - Write the API to handle requests and responses. (might encounter some unexpected bugs)
- Implement database using MySQL (An)
  - Create table. Refer to the SQL code we have written for milestone 2. Use mySQL to create tables in the database. We might meet some conflict in the process.
  - Insert data. Populate data in the database. We might encounter some practical problems when doing this, which means it is possible for us to change the data we build in milestone 2 for a bit.

(Note: General division; others might assist depending on the workload after watching the tutorial and the complexity of the frontend design).

Mar 29th:

- Check with the TA to see if there is anything that needs improvement.

Before Apr 5th:

- Submit the project.