

1. Project background

a. Purpose of the project

Because of the project is about business so she only wants a delivery system and to satisfy her stakeholder [Indian customer, Tourist who interest in Indian food].

b. Scope of the project

The scope of this project is to develop the mobile application and web application to connect to the delivery system.

c. Other background information

Feature that she wants to add:

- Online payment
- Progress of delivery
- previous order

2. Perspective

a. Who will use the system

- Indian customer
- People who interest in Indian food

b. Who can provide input about the system

- Business owner

3. Project objective

a. Known business rules

cannot change the code without the project manager's permission. The user should have an online payment account (Debit card or Credit card). The user should be notified about the delivery information. Should provide all of the restaurant's information to the users.

b. System information and / or diagrams

Provide specific information about everything including restaurant, delivery, time-consuming for delivery. Make sure the system would protect users privacy. The system should recommend the restaurant depends on users' tastes. If a user and restaurant manager make a deal to send back the food so the system should refund to the user's account.

c. Assumptions and dependencies

- Cannot change the code without the project manager's mission.
- user can use online payment
- user can know the progress of delivery
- this system can protect user privacy

d. Design and implementation constraints

input format :

order food

{food_type} {id} {food_name} {cost}

Payment

{id} {memberName} {account payment data}

Output format:

Progress of delivery

{ordered name}{ordered when}{arrived at}

Previous order

{last ordered} {suggest}

Tools:

- IntelliJ IDEA ultimate
- Vim
- MySQL work branch
- Apache
- Android studio
- XCode

Code library

- Android JDK
- JDK
- Swift develop kit
- Php
- Javascript framework[React, Vue, Angular, JQuery]

Visual control

- GitHub
- Microsoft team
- Microsoft project

Programming language

- Java
- Swift
- JavaScript

APIS

- google maps API
- promptpay API

GUI

- javaFX
- BooStap
- swift GUI

4.Risk

Volume of the orders, Server handle the traffic

5.Reference

Website, Online Application, Mobile Application, Menu to show the price of foods, Confirm the delivery location, Online payment, Estimated time of arrival to know when the food be arriving, Progress of the food delivery, Show the previous order to reorder

6.Open, unsolved, or TBD

- Arrangement date of the walkthrough of the back-end operation with the manager is not confirm.

- Plan the timeline to make a prototype for the website application.

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