



CS 353 SOFTWARE ENGINEERING

Habib University – Spring 2022

Project Proposal

1. Should contain any interfaces including and not limited to software, hardware, UX, etc.

We plan to work on creating a mobile application through Flutter for a factory management system of a factory that deals with frozen food. No hardware included.

2. Features covered

- Log-in page, Log-in features (email, password)
- Sign-up page (asks user to enter details such as Name (First and Last), Contact, City, Address, Email, Password, etc)
- Homepage for an Customer, Admin (basic Dashboard, displaying ID, etc)

For customer:

- Placing an order page (displays/asks for details such as name, product, category, quantity, total price)
- Order History/Current Order pages

For admin:

- Add new employee or Search an employee (asks relevant details)
- Edit employee details
- Search Orders (admin can search orders using customer first, last, city names)
- Add/Search food category/departments/cities (to deliver to)

3. Cloud – if used

No cloud will be used.

4. Server Details

We will be using one of the following servers: Heroku or Amazon lightsail

5. Tech Stack

- a. Programming Language(s): Dart, SQL, Python
- b. Framework: Flutter
- c. Database: MySQL
- d. Frontend: Flutter