Group Members: Christina Frazier, Lauren White, Evan Darmanto

Our group has decided to do the Food Delivery system which would be able to be used by a restaurant for their day to day use. It will include their Menu, a place where they can create orders, deliveries, customer profiles, make payments, and have information about the restaurant.

Here is how we are planning on dividing the responsibilities:

Christina (Group Leader)

Menu

Description**:** This will store all the food and drink items available for customers to order from the restaurant.

- The menu will include the item name, description, and price
- Each menu item can be categorized (e.g., appetizer, entrée, dessert, beverage)
- Menu items will have information on ingredients for each dish
- The system will allow updates to availability (in stock / out of stock)
- It will also store promotional specials or limited-time offers

Orders

Description: This will handle all order information placed by customers.

- Each order will include customer name, delivery address, and contact information
- Orders will list the selected menu items, quantities, and special instructions
- The order system will calculate subtotal, taxes, delivery fee, and final total
- Each order will have a status (Placed, In Progress, Out for Delivery, Completed, or Canceled)
- Orders will record the time and date placed
- A confirmation will be generated once the order is successfully placed

Lauren: Delivery Person and Customers

Customer Information

Description: This will allow customers to enter important information about themselves.

- Customers will be able to enter their name, email, and home address
- Customers can enter their age to gain access to special discounts (senior or student discounts)

- Customers will have the option to select any food allergies they have (peanuts, tree nuts, eggs, shellfish, etc.)
- Customers will have the option to enter special delivery instructions

Delivery Person Information

Description: This will store a delivery driver's information and preferences.

- Delivery drivers will be able to enter their name and zip code into the system
- Delivery drivers will be able to choose their form of payment (Direct deposit or check)
  - Direct deposit will take you to a page to enter your bank information
  - Check will take you to a page to enter your home address
- Delivery drivers will be able to define their delivery range (Within 20 miles, 40 miles, or 60 miles)
- Delivery drivers will be able to confirm that they've completed their delivery

Evan: Payments and Restaurant

Payment:

Description: This will handle all of the payment processing and transaction management for customer orders

- Customers can select their preferred method of payment (Credit Card, Debit Card, or Cash.
- It will store card number and expiration date of the user's card
- It would calculate the total amount of price including tax
- Then it would prompt a question "Process payment confirmation (Y/N)
- Then it would generate a simple receipt of the order total

Restaurant:

Description: This would store the basic restaurant information

- This would store information such as the restaurant name, address, and phone number
- It would also give the store's operating hours (opening and closing time)
- And it would also default set the delivery fee amount based on the range of the delivery.