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1. Define and describe the project that you will be working on.

The project we will be developing is a software application for a restaurant. It will involve features such as information about the restaurant contact information and menu, reservation system, order tracking, rewards program, payment information. We will also make a staff and manager side that would control scheduling, employment status, table management, menu/inventory management. Overall create a seamless way for customers to interact with the restaurant remotely and for employees to track information as changes put out.

1. Provide potential title to your project.

The Copper Fork (made up restaurant)

1. Submit your project description to any AI-Powered Tools such as ChatGPT to generate potential user stories for your project.

Here’s a set of user stories based on your project description for a restaurant application. These stories are grouped by key features for clarity:

**Customer-Facing Features**

**1. Restaurant Information and Menu**

* As a customer, I want to view the restaurant’s contact information, operating hours, and location so I can easily reach or visit the restaurant.
* As a customer, I want to browse the menu with detailed descriptions and images of dishes so I can decide what to order.
* As a customer, I want to filter the menu by dietary preferences (e.g., vegetarian, gluten-free) so I can quickly find suitable options.

**2. Reservation System**

* As a customer, I want to check table availability for a specific date and time so I can plan my visit accordingly.
* As a customer, I want to book a table online and receive a confirmation so I can avoid waiting when I arrive.

**3. Payment Information**

* As a customer, I want to securely save my payment details so I can quickly pay for orders in the future.
* As a customer, I want multiple payment options (e.g., credit card, digital wallets) so I can pay in my preferred way.

**4. Order Tracking**

* As a customer, I want to place an order online for pickup or delivery so I can enjoy the restaurant’s food at my convenience.
* As a customer, I want to track the status of my delivery order in real-time so I know when to expect it.

**5. Rewards Program**

* As a customer, I want to sign up for a rewards program so I can earn points for my purchases.
* As a customer, I want to view my reward points balance so I know when I can redeem them.

**Staff and Manager Features**

**1. Menu and Inventory Management**

* As a manager, I want to update the menu with new items or prices so the menu is always accurate.
* As a manager, I want to track inventory levels and receive alerts for low-stock items so I can prevent shortages.

**2. Scheduling and Employment Management**

* As a staff member, I want to view my work schedule so I know when I am expected to work.
* As a manager, I want to assign shifts and notify staff of changes so I can ensure proper staffing at all times.

**3. Table Management**

* As a staff member, I want to view current table assignments and reservations so I can efficiently manage seating.
* As a manager, I want to adjust table layouts and availability in real-time to accommodate varying customer demands.

**Admin Features**

* 1. Staff and Sale Management
* As an admin, I want to manage user roles and permissions (e.g., customer, staff, manager) so each user has access to the appropriate features.
* As an admin, I want to generate reports on sales, customer activity, and inventory so I can make informed business decisions.

1. Review the user stories provided by AI and make the changes as you see them.

Went through some of the stories and asked for clarification and deletion of some of the user stories to create a more streamlined set that we could accomplish given our time restriction.

1. Prioritize the user stories based on your goal and timeline.

Number 3 is the prioritized user stories based on what Chat GPT gave us as well as how we decided the user stories should be prioritized within the groups. We will accomplish the project in the order admin features, all staff and manager features, customer features