Hackathon # 3

DAY 2 TASK!

PLANNING TECHNICAL FOUNDATION:

1. Technical Requirements:

- **Frontend:**
  - I'll use Next.js to build a responsive and dynamic interface.
  - Pages will include: Home, Menu, Shop, About Us, Contact Us, Sign-in, and Checkout pages.

Backend:

- Sanity CMS will handle all menu data, orders, and reservations.
- Menu categories like desserts, fast food, and snacks will be added.

APIs:

- Payment gateway for secure transactions.
- Delivery API for real-time order tracking.
- Location API to show nearest branches.

2. System Architecture:

The system will be simple but efficient.

[Diagram showing the flow of data]

User browses the menu on the front end.

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Menu data comes from Sanity CMS.

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Orders are processed and stored in APIs.

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Payment is secured through a payment gateway.

3. API Requirements:

- `/menu (GET)` : Fetch menu items
- `/order (POST)` : Place order
- `/delivery (GET)` : Track an order in real-time

4. Sanity Schema Example:

I will create a schema to manage the menu.

For example:

```
export default {
  name: 'menuItem',
  type: 'document',
  fields: [
    { name: 'name', type: 'string', title: 'Dish' },
    { name: 'price', type: 'number', title: 'Price' },
    { name: 'category', type: 'string', title: 'Category' }
  ]
}
```

5. Feedback and Refinement:

I'll share this plan with peers or mentors to get feedback and make improvements. I'll also use GitHub to track changes and keep everything organized.

- This plan is simple and focused, ensuring my website is user-friendly, scalable, and aligned with my goals.