# Day 2: Technical Planning

**Objective:** Establish the technical foundation for your marketplace.

## 1. Technical Plan

- Outline the architecture:
    - Frontend: React/Next.js.
    - Backend: Sanity CMS for content management.
    - APIs: Payment gateway (e.g., Stripe), shipping API (e.g., FedEx).
- Example:
    - **Frontend:** Users can browse products, add to cart, and place orders.
    - **Backend:** Sanity CMS handles product and order data.

## 2. Workflows

- Describe key workflows in detail:
    - **User Registration:**
        - User enters details → Validates → Saves to database (Sanity).
    - **Product Browsing:**
        - Fetch products from Sanity → Display on the frontend.
    - **Order Placement:**
        - User selects products → Creates order → Sends data to Sanity.

## 3. API Requirements

- List endpoints:
    - `GET /products`: Fetch products.
    - `POST /orders`: Place an order.
    - `GET /order/:id`: Fetch order details.

## 4. Sanity Schema

- Design schemas for:
    - **Products:** Name, price, description, stock, category.
    - **Orders:** Customer details, product IDs, total price, status.