Task Day 2 -Planning the Technical Foundation for Your Rental Furniture Marketplace

To ensure a smooth and scalable **rental furniture marketplace**, we need to define a strong **technical foundation**. This includes **choosing the right tech stack, designing the database, and setting up the backend and frontend**.

Technical Foundation

USER

Frontend (Next.js)

Sanity (cms)

Third Party APIs

29 Saturday

Payment Gateway

Shipment

30 Sunday

Design System Architecture

- Key Components:
  - Frontend (user interface)
    - Customer: Browse, furniture Place Panel order
    - Admin Panel: Manage Product, order Shipment
  - Backend (server & Data base)
    - Store Product, Customers, & Shipment

Plan API Requirement

Essential APIs

1. User Authentication API (sign up, sign in Logout)

2. Product API (Fetch avilable furniture Filter by Category)

3. order API (Creat order's, track orders)

Shipment API
(Mange delivery tracking and stuts updates)