Marketplace Technical Foundation

Hackathon 3 Day 2

Name: Adeena

Date :16-1-2025

Roll No :00456260

TECHNICAL REQUIREMENTS

HOME PAGE

Discover our curated collection of sofas.

Product page

Show all available products for browsing.

Blog page

Stay inspired and informed with our latest articles design, lifestyles, and home décor trends.

Contact page

Connect with us for inquiries and support.

Cart page

Allow users to review selected products before checkout.

Checkout page

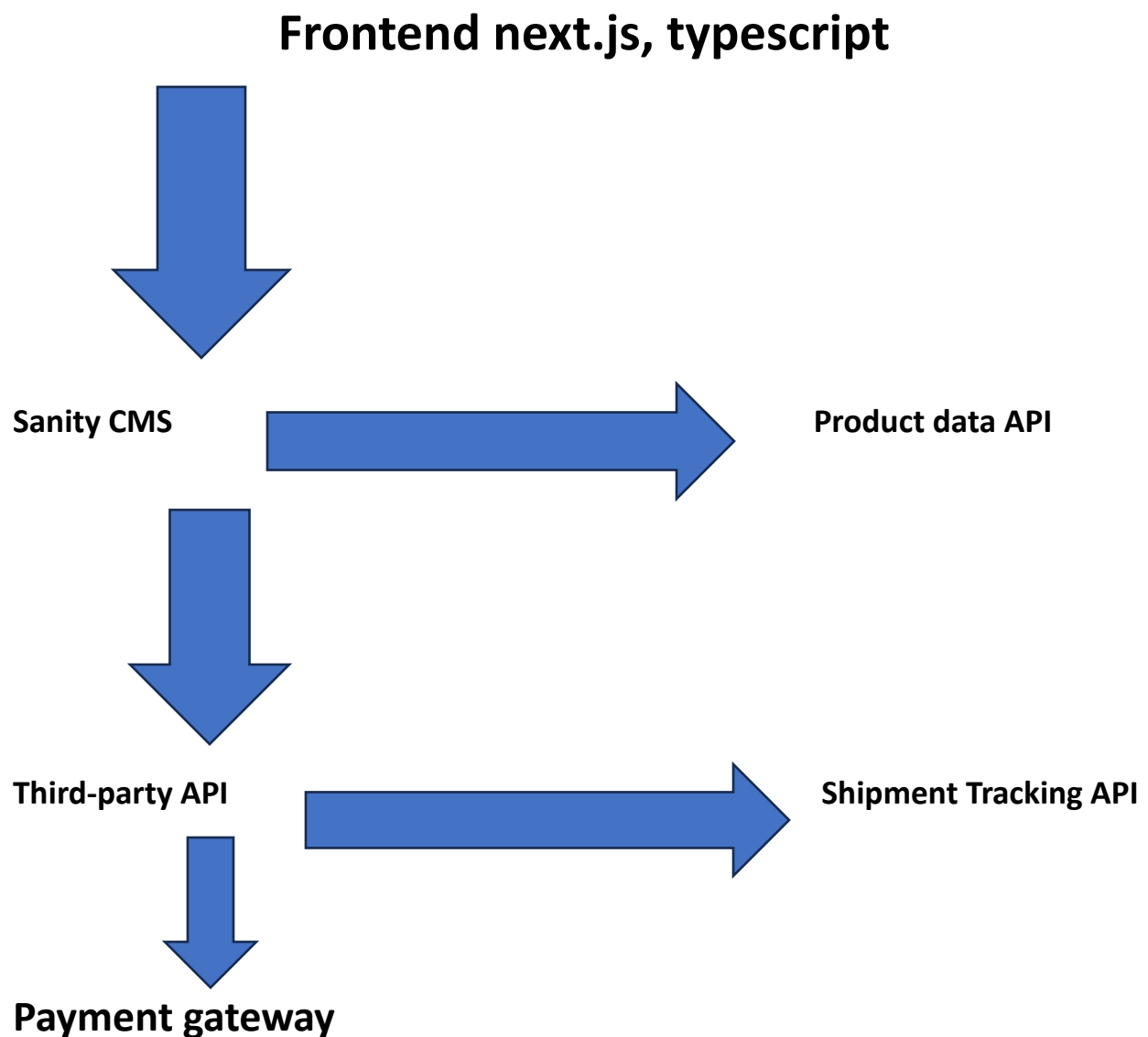Facilities order placement and payment processing

User account page

Provide a personalized space for users

Order confirmation page

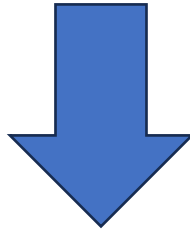Acknowledge successful order placement

system architecture overview

Diagram

Frontend next.js, typescript

Sanity CMS   →   **Product data API**

Third-party API   →   **Shipment Tracking API**

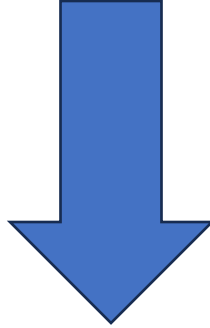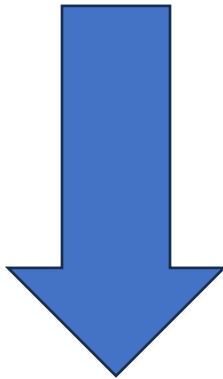**Payment gateway**

Backend

⬇

Sanity CMS

⬇

Sanity will be helpful in a managing the item data, order data, customer details and many more it will act as a backend for our website.
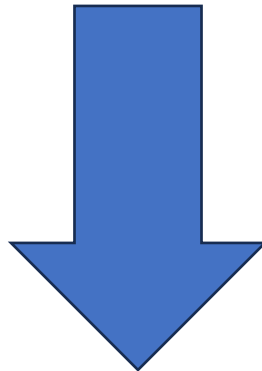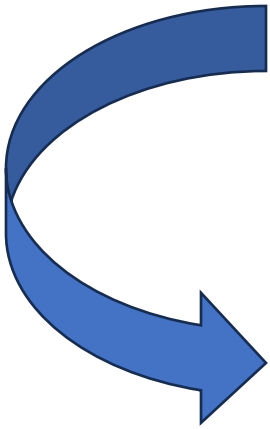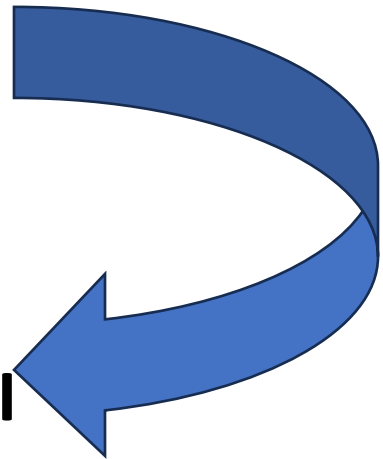
Third-party-apis

↓

Ship engine

↓

Payment Gateway

↓

Notifications APIS
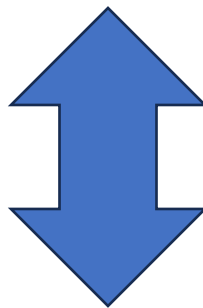
API Requirements

Product Management API

Order Management API

Shipment Management API

Express Delivery status API