

Marketplace Technical Foundation

Introduction

The primary goal of Day 2 is to transition from the business-oriented planning of Day 1 to the technical preparation required to build your marketplace.

Technical Requirements

System Architecture Diagram

Frontend[Frontend (Next.js)] --> Sanity CMS[Sanity CMS]

Sanity CMS --> Third-party APIs[Third-party APIs]

User[User] --> Frontend[Frontend (React/Next.js)]

Frontend --> Sanity CMS[Sanity CMS (Database)]

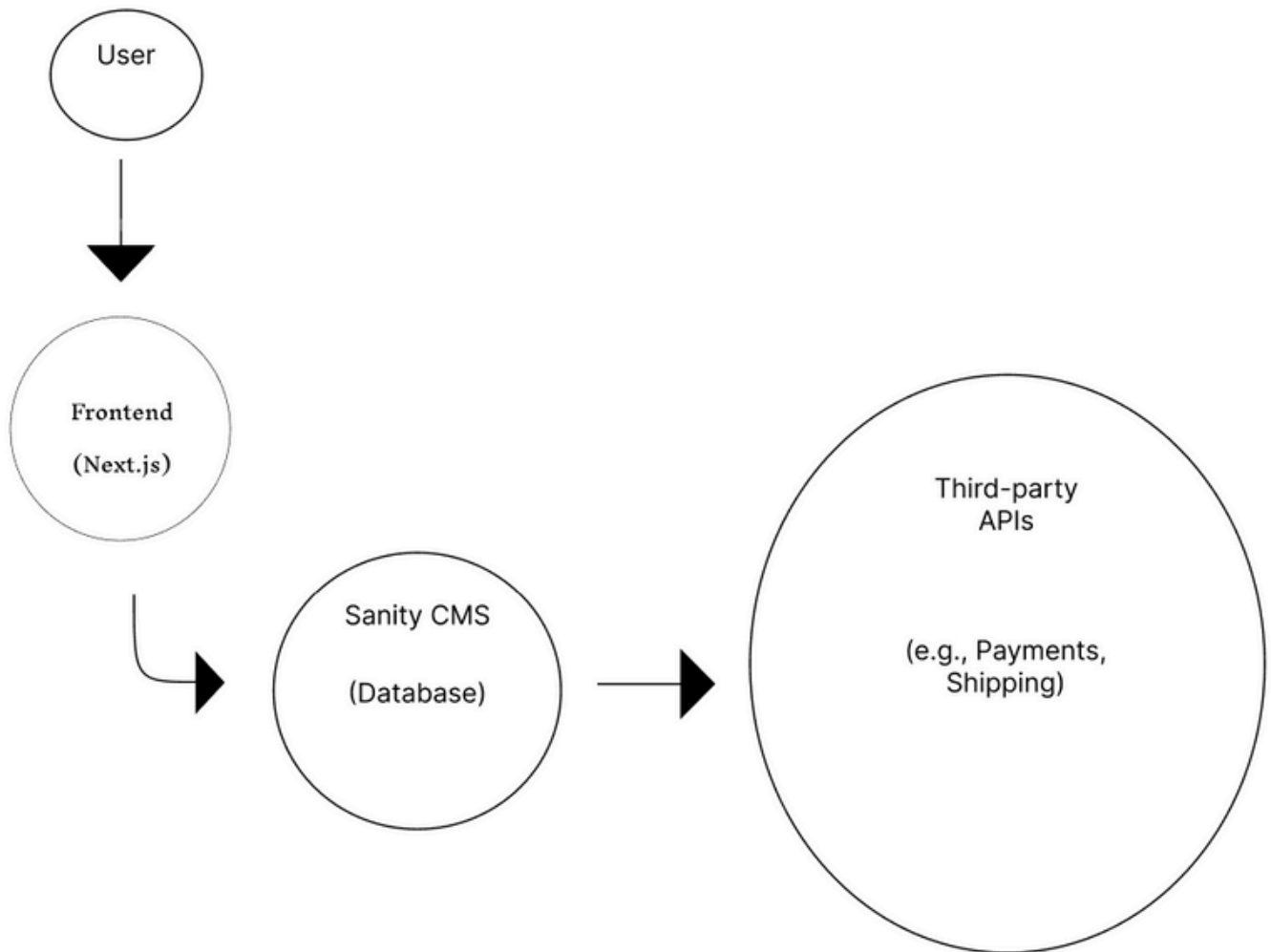
Sanity CMS --> Third-party APIs[Third-party APIs (e.g., Payments, Shipping)]

Key Workflows

1. User Registration - Collect user details - Save them in the database via Sanity CMS
2. Product Browsing - Fetch and display products - Real-time search and filter capabilities
3. Order Placement - Capture user orders - Validate data - Store them in Sanity CMS
4. Shipment Tracking - Integrate third-party APIs - Real-time tracking updates

Flowchart Example

User Browses Products --> Adds to Cart --> Places Order --> Payment Gateway --> Order Confirmed --> Track Shipment



Conclusion

The technical plan outlined in this document provides a solid foundation for building a marketplace. By following this plan, you can ensure that your marketplace is scalable, secure, and provides a seamless user experience.