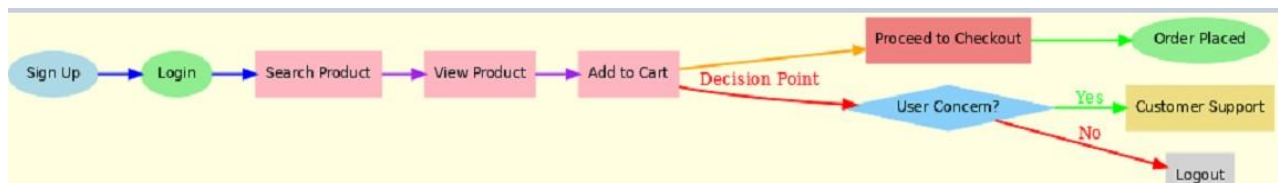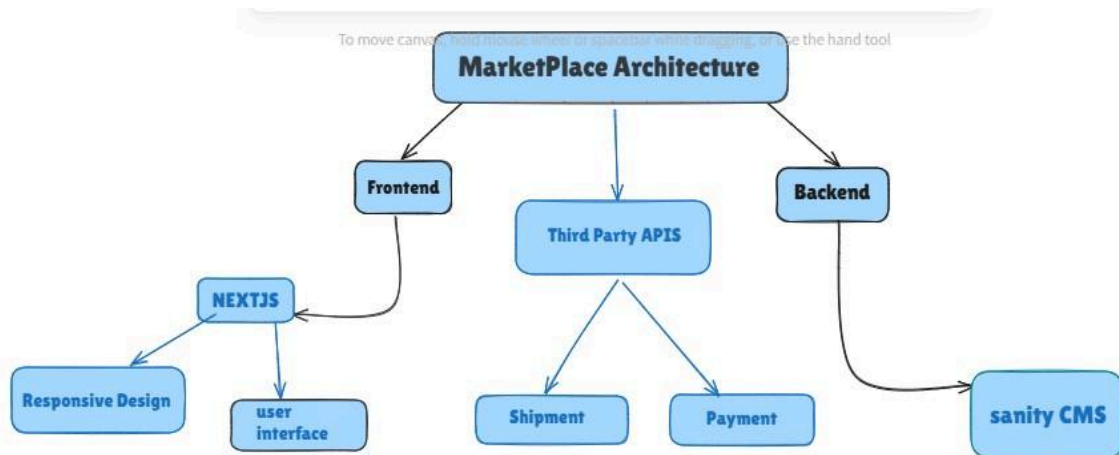# GlobalMart Marketplace Project: Summary (Days 1–6)

Overview :

The GlobalMart Marketplace is an e-commerce platform designed to support small businesses and individuals by providing a smooth and secure shopping experience. Over six days, the project moved from initial planning to deploying a staging environment.

ARCHITACTURE

Day 1: Planning and Design

- **Goals: Support small businesses and allow easy online furniture buying and selling.**
- **Entities: Products, Orders, Customers, Delivery Zones.**
- **Relationships: Customers place orders, delivery zones are assigned to drivers.**

Day 2: Technical Setup

- **Tech Stack: Frontend (Next.js, Tailwind CSS), Backend (Sanity CMS), APIs (ShipEngine, Stripe).**
- **API: User management, product management, order tracking.**

Day 3: Data Migration

- **Migration: Data from Sanity CMS to Next.js via GROQ queries.**
- **Integration: Displayed data dynamically on the homepage,Shopage.**

Day 4: Frontend Development

- **Components: ProductList, ProductCard, FilterSidebar, PaginationControls.**
- **Features: Dynamic product listings, filters, and sorting options.**

Day 5: Testing and Refinement

- **Types of Testing: Functional, performance, security, accessibility.**
- **Test Results: Achieved high scores for performance, accessibility, SEO, and best practices.**

Day 6: Deployment

- **Deployment: Hosted on Vercel with GitHub integration for CI/CD.**
- **Environment Setup: Sensitive variables secured in .env file.**
- **Staging: Deployed and tested functionality, performance, and security.**
- **Documentation: Project summary and GitHub structure provided.**

GitHub Structure:

- **src/: Components, pages**
- **public/: Images, assets**
- **documents/: Project documentation**
- **README.md: Overview and setup guide**

Conclusion

 In six days, the GlobalMart Marketplace project was designed, developed, and tested, ensuring a solid user experience. The project is now ready for live deployment, with future plans for scaling and adding advanced features. The project was a success!