

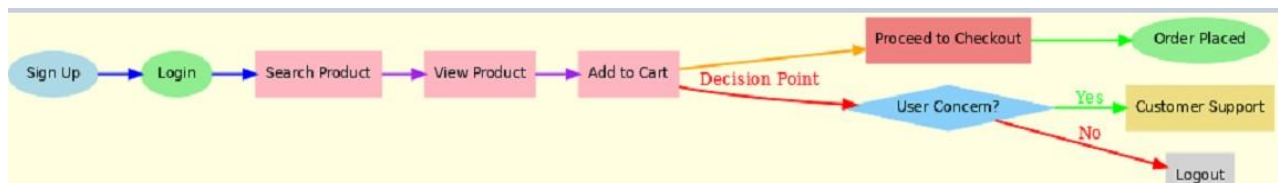
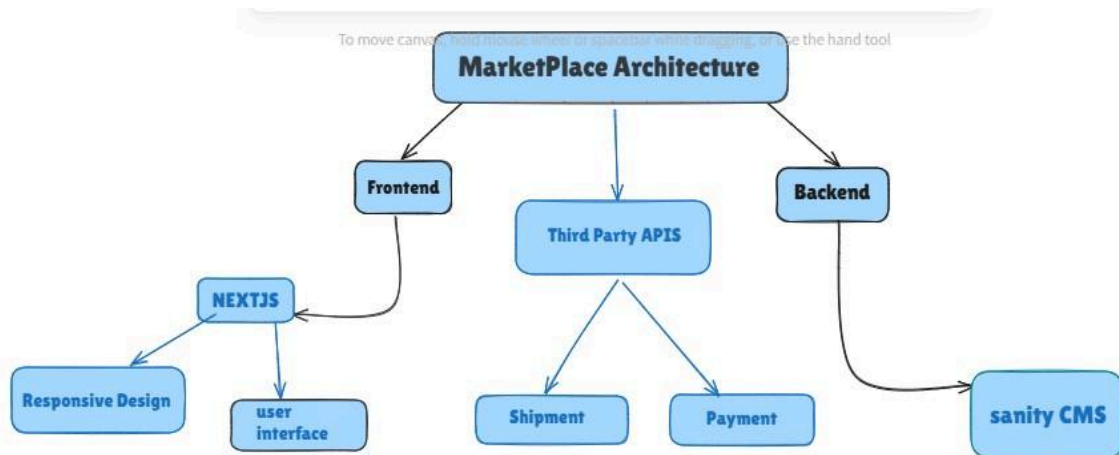
GlobalMart Marketplace Project:

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, Shop page.

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!