

3. Technical Roadmap

Milestones

1. **Milestone 1:** Displays the user interface and handles interactions such as browsing products, managing the cart, and placing orders.
2. **Milestone 2:** Integrate Sanity CMS to manage product data and save orders.
3. **Milestone 3:** Implement third-party APIs for shipment tracking and payment gateway integration.
4. **Milestone 4:** Test all workflows (browsing, cart, checkout, tracking).
5. **Milestone 5:** Deploy the marketplace using Vercel or another hosting provider.

Deliverables

- Fully functional General E-Commerce marketplace.
- API documentation and workflow diagrams.
- Deployed product ready for user interactions.

Implementation Steps

1. Create the system architecture diagram.
2. Write and test API endpoints using Node.js, Express, or a Next.js API route.
3. Set up Sanity CMS schemas for products, orders, and users.
4. Integrate APIs into the frontend workflows.
5. Test the entire system for functionality and data consistency.