

◦ Marketplace
Technical
Foundation

1

3

2

Future Goals and
Preparation for
Launching Marketplace

Frontend Requirements
(NextJs,Typescript,Tailwindcss)
Ecommerce website

Backend (Sanity CMS)
(Create Schemas Store
Data For fetching and
display)

Third-Party APIs
(For Shipment and
tracking)

Website based on 6 pages

1: Home Page
(Displays categories and
featured products)

2: Product Listing Page
(Shows all products)

3: Product Details Page
(Detailed product
information)

4: Cart Page
(Shows selected items for
checkout)

5: Checkout Page
(Allows users to place
orders)

**6: Order Confirmation
Page**
(Shows order details after
payment)

★ Fully Responsive for all
devices

(Create Schemas Store Data
For fetch and display)

1: Products
2: Orders
3: Users

API (For Tracking Shipment)

1:Shipment Tracking API
(To track order delivery
status)

2: Payment Gateway API?
(Stripe/PayPal)
To process payments)

Design System
Architecture

How Everything Work in My Website

1: Fully Prepared Ecommerce website
2: Where data fetched from sanity (Fully Responsive for all devices).
3: Website contain multiple pages.
4: Products Displayed in grid layout .
5: Each product has its own dynamic route where its (Details , Price , Size) are shown
6: There is a add to cart button after pressing it the product add in to cart also can be removable
7: Shipment and Tracking are also available
8: After product buy there is also order confirmation page

Architecture Diagram

||
[Frontend (Next.js)]
||
[Sanity(CMS)] [3rd party API]
|| ||
[Products Order] [Payment , Shipment api]

Plan API Endpoints

END Point	Method	Purpose
/products	GET	Fetch All Products from sanity
Orders	POST	Save an order in sanity
/shipment	GET	Track Order status via API