# **Marketplace Technical Foundation**

**Pharmaceutical Q- Commerce**

1. **Technical Requirements**
2. **Frontend:**

* Next JS for frontend and Tailwind CSS & CSS for styling
* Shadcn & antd for prebuild components
* Pages include Home Page, product Page, Product Detail page, Cart page, Checkout Page, Order confirmation page.

1. **Backend:**

* TypeScript for functionality
* Sanity CMS

1. **Third-Party APIs:**

* **Payment Gateway**: Use Stripe for secure and reliable payment processing.
* ●**Shipment Tracking API**: Integrate a third-party API to update customers on order delivery status in real-time.

1. **System Architecture Diagram**

Create frontendwith NextJS

Migrate data of API to sanity after sanity setup

Fetch data through sanity client to project and create all pages.

Implement cart functionality

Setup payment method

Shipment tracking through ship engine

Deploy with Vercel

1. **API Requirements:**

1 EndPoint : /Medicine

Method: Get

Description: Fetch all products

2. EndPoint : /Products /[id]

Method: Get

Description: Fetch specific products

**6.Sanity Schema**

**1. Product Schema** 🫅

export default {

name: 'product',

type: 'document',

fields: [

{ name: 'name', type: 'string', title: 'Product Name' },

{ name: 'price', type: 'number', title: 'Price' },

{ name: 'stock', type: 'number', title: 'Stock Level' },

{ name: 'image', type: 'image', title: 'Product Image' },

{ name: 'description', type: 'text', title: 'Description' },

],

};