

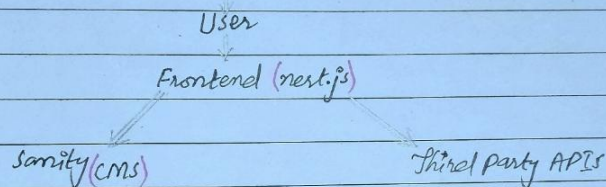
"2<sup>ND</sup> Day"

Date : \_\_\_\_\_

### Planning The Technical Foundation :"

Technical requirement are divided in to three parts  
Frontend, Sanity CMS as backend and Third-party APIs.

Planning The Technical Foundation:



**User**: Performs actions like browsing products or placing an order.

**Frontend (next.js)**: Sends User actions to backend and Third-party APIs.

**Sanity CMS**: Manage and store all order and product data

**Third party APIs**: Handle shipments tracking and payment processing

**Shipment Tracking**: Provide realtime delivery updates to the Frontend.

**Payment Gateway**: Processes payments and sends confirmation back.

For FrontEnd, Using NextJS

For Backend, Using sanity

Multiple Pages in my e-commerce website

Home Page

About Page

Product page

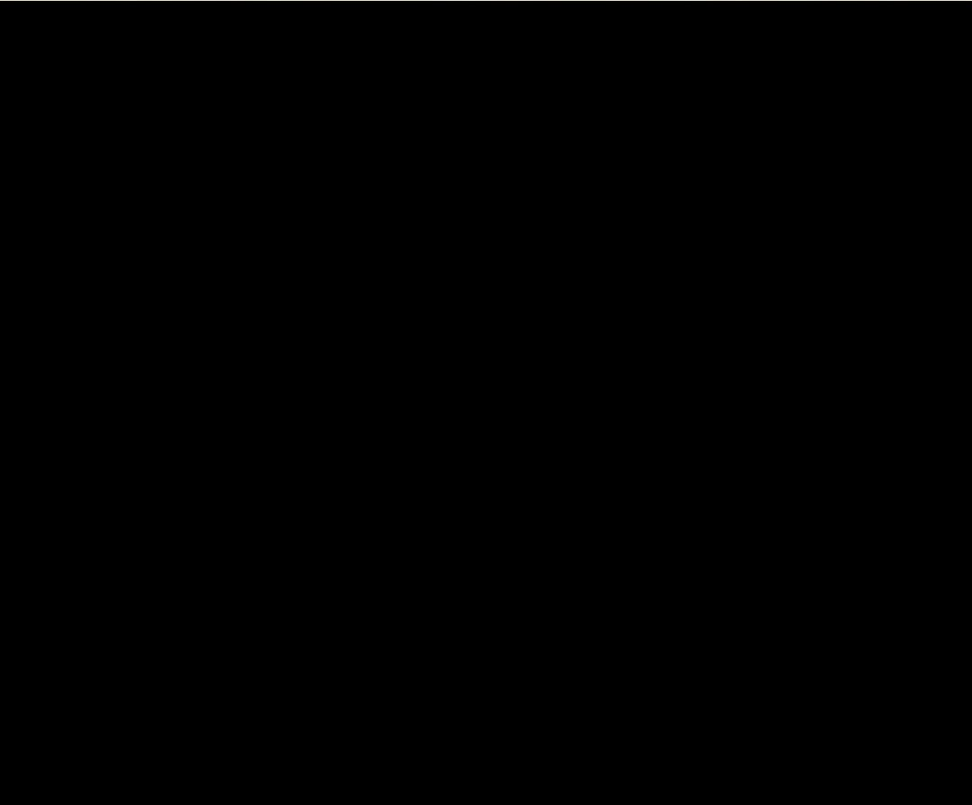
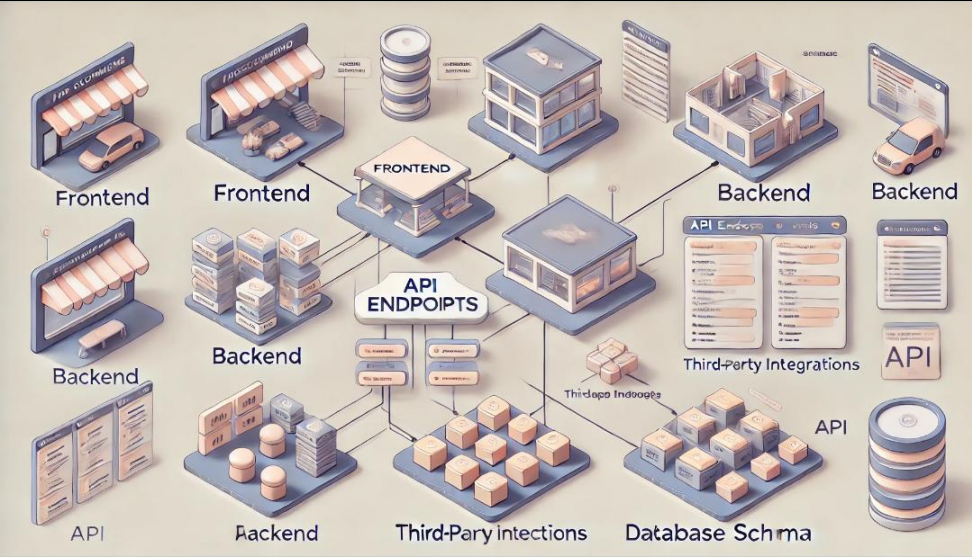
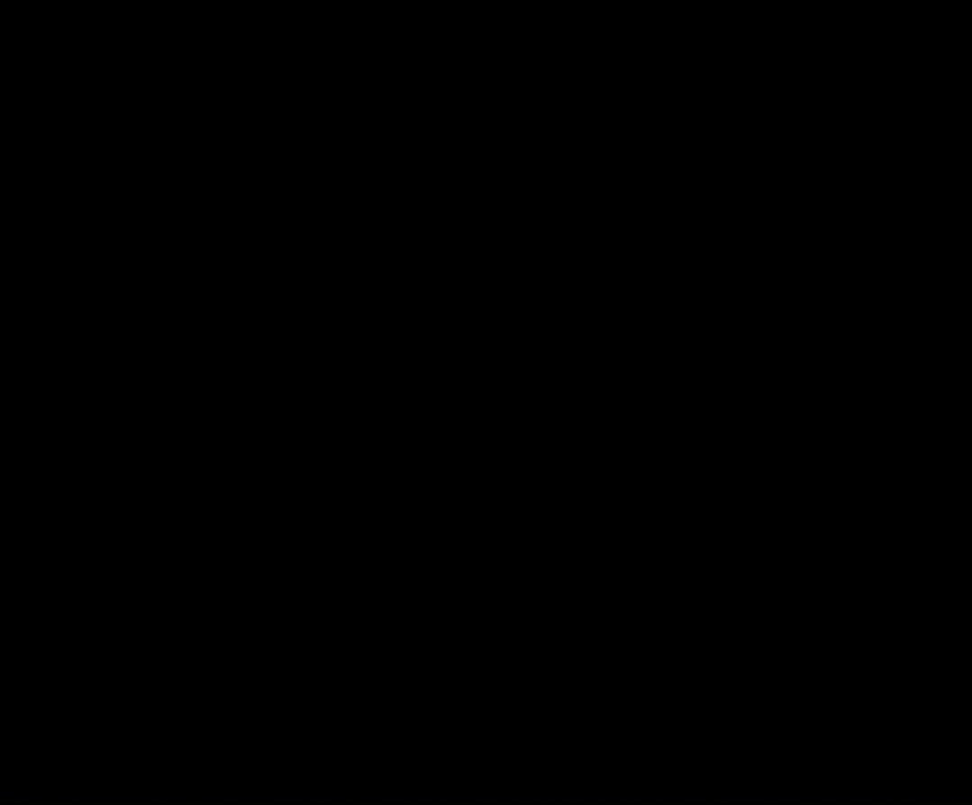
Card Page

Product Detail  
Page

Category

FAQs

Contact



**Frontend**

- Nextjs
- TailwindCSS (UI Design)
- ShadCN
- Clerk (Authentication)

**Backend**

- Sanity CMS
- Stripe (payment)
- Shippo (Shipping)

**Third-Party Integrations**

- Sanity CMS
- Stripe (payment)
- Shippo (Shipping)
- Clerk (Authentication)
- ShadCN

- Home  
Shop  
Cart  
Signin  
Orders  
Category

| API Endpoints |        |   |
|---------------|--------|---|
| Endpoint      | Method | Description   |
| /api/products | GET    | Fetch product data (product details, inventory, etc.) |
| /api/orders   | POST   | Create a new order (user orders products)             |
| /api/shipping | GET    | Fetch shipping rates and information                  |

| Database Schema |              |           |
|-----------------|--------------|-----------|
| Users           | Products     | Orders    |
| UserID          | ProductID    | OrderID   |
| Name            | Product Name | UserID    |
| E-mail          | Price        | ProductID |
| Password        | Category     | Quantity  |
|                 | Stock        | Status    |