**Day 2**

System Architecture

Frontend (Next.js)

Backend (Sanity) Product Data API

Third Party API Shipment Tracking API

Payment Gateway

User

Home page

**Products** **Cart** **Account** **Other** **Pages**

Categories Order summary Profile About

Product Detail Payment Login Contact

Shipping Logout Feedback

**Frontend Flow Chart**

User

Product

Search Product

View Product

Add Cart and Buy Product

Checkout

Payment

Online payment or Delivery time Payment

Order Placed

Account

Login

Logout

|  |  |  |  |
| --- | --- | --- | --- |
| **Endpoint** | **Menthod** | **Description** | **Parameters** |
| /api/products | GET | Fetch all Products | None |
| /api/products/id | GET | Fetch single Product | Id(path) |
| /api/products | POST | Add new Product | Name, price, category(body) |
| /api/products/id | PUT | Update Product | Id (path), name, price (body) |
| /api/products/id | DELETE | Delete Product | Id(path) |
| /api/categories | GET | Fetch all Product categories | None |

**API Endpoints**

**Product Schema**

Name: products

Type: document

Fields:[

{

Name: image

Title: Product Image

Type: image

},

{

Name: name

Title: Product name

Type: string

},

{

Name: desc

Title: Product descripton

Type: string

},

{

Name: price

Title: Product price

Type: number

},

{

Title: Slug

Type: slug

Options:{

Source: name

},

]}

**Cart Schema**

Name: products

Type: document

Fields:[

{

Name: image

Title: Product Image

Type: image

},

{

Name: name

Title: Product name

Type: string

]},