

- CREATE PRODUCT : Admin only
- READ PRODUCT: Public and authenticated users
- UPDATE PRODUCT : Admin only
- DELETE PRODUCT : Admin only

## • SANITY SCHEMAS

- PRODUCT SCHEMA: title , description , price , images ,categories ,stock levels
- CATEGORIES SCHEMA: Name , description
- REVIEW SCHEMA: User ID , product ID , rating , comment

## • ORDER MANAGEMENT

### ORDER CRUD APIs

- CREATE ORDER: Authenticated users
- READ ORDER: Authenticated users(own orders)( Admin All orders )
- UPDATE ORDER: Admin status update
- DELETE ORDER: Admin only

### SANITY SCHEMA

- ORDER SCHEMA: user ID , product list , total price ,payment status ,order status ,  
PAYMENT SCHEMA: Order ID ,amount ,payment method , transaction ID

## • SHOPPING CART MANAGEMENT

### CART APIs:

ADD TO CART : Authenticated users

REMOVE FROM CART :Authenticated users

VIEW CART: Authenticated users

**CART SCHEMA:** User ID ,(product ID , quantity)

## • PAYMENT GET WAY INTEGRATION

- PAYMENT API: securely process payment (stripe/Paypal integration)
- WEBHOOK API:handle payment confirmation and update

## • USER PROFILE MANAGEMENT

### • PROFILE CRUD APIs:

Update profile: Authenticated users

View profile: Authenticated users

# FRONTEND FLOWCHART

- USER INTERFACE (UI)
- Homepage:
- Fetch featured products, categories from sanity
- Display promotional banners (sanity,CMS managed)

## **Product listing:**

- Dynamic fetching and filtering of products based on categories
- Infinite scroll for seamless browsing experience

## **Product detail page**

- FETCH PRODUCT DETAIL FROM SANITY:(Images , description ,reviews)
- ADD TO CART : / Wiish list functionality
- RELATED PRODUCT SUGGESTION : ( sanity manage )

## **SHOPPING CART**

- DISPLAY CART ITEAMS : With option to modify quantity or remove
- SHOW ASTIMATED TOTAL PRICE
- PROCESS TO CHECK OUT BUTTON

## **CHECK OUT PROCESS**

- COLLECT BILLING AND SHIPPING INFORMATION
- REVIEW ORDER SUMMERY
- INTIGRATION WITH PAYMENT GET WAY FOR SECURE TRANSICTION

## **ORDER CONFIRMATION PAGE**

- SHOW ORDER DETAIL AND CONFIRMATION MESSAGE
- PROVIDE ORDER TRACKING INFORMATION

## **USER ACCOUNT**

- **PROFILE MANAGEMENT**
- UPDATE PERSONAL INFORMATION
- VIEW ORDER HISTORY (SANITY SCHEMA)
- **ORDER HISTORY**
- FETCH AND DISPLAY PAST ORDERS
- OPTION TO VIEW ORDER DETAILS

- **SANITY INTIGRATION DETAILS**

## **PRODUCT SCHEMA**

**JS**

**EXPORT DEFAULT    { NAME : “PRODUCT”  
                          TITLE : “PRODUCT”  
                          TYPE :DOCUMENT**

### **FIELDS: [**

```
{NAME : TITTLE ,TYPE : “ STRING “,TITLE:'TITLE'},  
[{NAME : 'DISCRIPTION' ,TYPE : “ NUMBER “,TITLE:'PRICE'},  
{NAME : 'PRICE ' , TYPE : 'NUMBER 'TITLE: 'PRICE'},  
{NAME: 'IMAGES' 'TYPE:' ARRAY 'OF : [{TYPE: ' IMAGE' }]TITLE : 'IMAGES',}  
{ NAME : 'CATOGRIES'TYPE:'ARRAY', OF [{TYPE : 'REFERENCE' , TO:{ TYPE 'CATOGRY'    } }],TITLE : 'CAROGRY'}  
{ NAME: 'STOCK'TYPE : 'NUMBER'TITLLE: 'STOCK'}
```

## ORDER SCHEMA

EXPORT DEFAULT {

NAME :order

Title: order

Type: document

Fields: [

{ name:'user ID' , type: 'reference ',to: type: 'user '} tittle: 'user ID '

{name: 'productlist' ,type : 'array' , of:[{type: 'product'}],title: "product list"

{name: "totalPrice" , type: 'number' , title: 'total price'}

{name:'status' , type: "string" , title: "payment status"}

{name:"status" , type: "string" , title: "order status"

# REVIEW SCHEMA

**Js**

```
Export default{  
  name: "review"  
  title:"review"  
  type:"document"  
  fields:[  
    {name: "userid, type: "reference" , to: {type: "user"}, title:  
    {name: "productid", type:"reference" ,to:{type:"product"}}  
    {name:"rating", type:"number" , title: "rating"}  
    Name: "comment" , type:"text", title:"comment"}  
  ]  
}
```

```
? Create a new project or select an existing one Create new project
? Your project name: My Sanity Project
Your content will be stored in a dataset that can be public or private, depending on
whether you want to query your content with or without authentication.
The default dataset configuration has a public dataset named "production".
? Use the default dataset configuration? Yes
✓ Creating dataset
? Would you like to add configuration files for a Sanity project in this Next.js folder?
Yes
? Do you want to use TypeScript? Yes
? Would you like an embedded Sanity Studio? Yes
? What route do you want to use for the Studio? /studio
```

← Classic Black Straight-Leg Jeans



These classic black jeans offer a versatile and

Published 14 min. ago



Publish



← Classic Black Straight-Leg Jeans



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Publish





EXPLORER

src > sanity > schemaTypes > product.ts > default

```
1 import { defineType } from "sanity"
2
3 export default defineType({
4   name: 'products',
5   title: 'Products',
6   type: 'document',
7   fields: [
8     {
9       name: 'name',
10      title: 'Name',
11      type: 'string',
12    },
13    {
14      name: 'price',
15      title: 'Price',
16      type: 'number',
17    },
18    {
19      name: 'description',
20      title: 'Description'.
```

DAYTHREE

Developer

1 minute

Copy the token below – this is your only chance to do so!

skg1prDDzNiBVPSFEN5MG3CFrWD0I7FFzWrQq1fNIfPA6hvBiF5kdNquHysW3v4cx6szT0GxmzfQ20BzhsjM  
WUzQfkCdQJXp7N8jdzhzBNFOHW6jTKz1p4HRTcqcHmLRwFXkSh7tYsK0g0LgZyRwkqGJvsi9KK0oUVFse29  
Yr1ks7QTSopF

## CORS origins

+ Add CORS origin

Hosts that can connect to the project API.

ORIGIN	CREDENTIALS	CREATED	
http://localhost:3000	Allowed	13 minutes	
http://localhost:3333	Allowed	15 minutes	