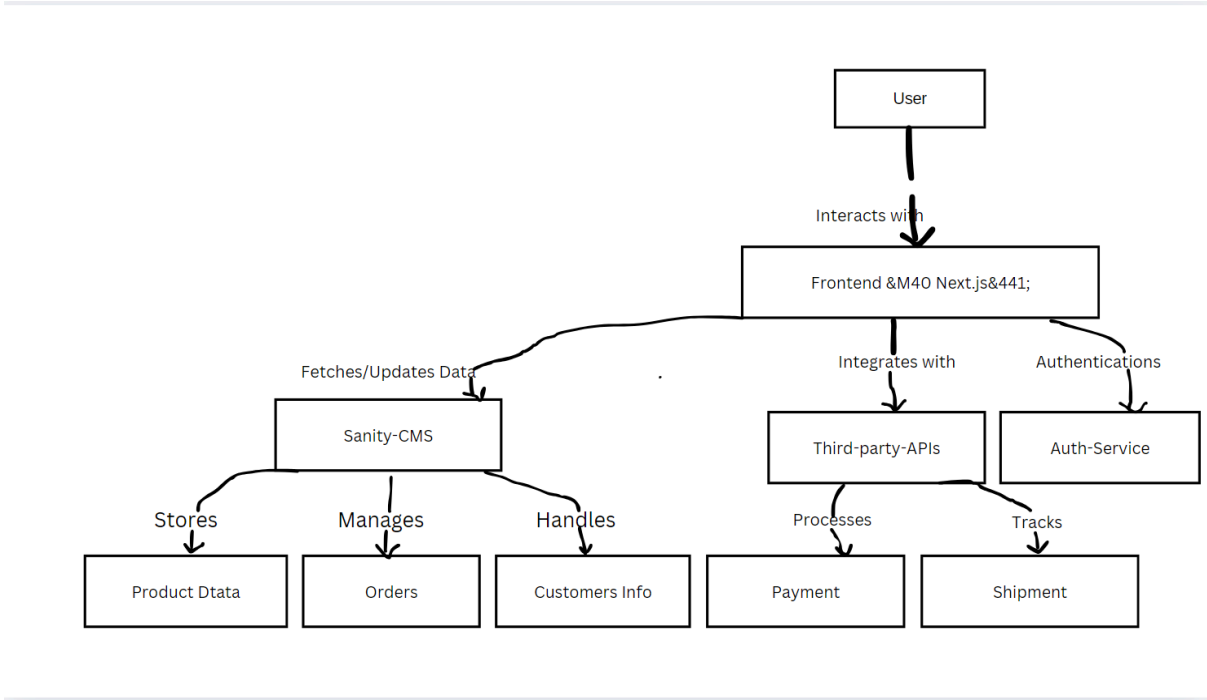


System Architecture Diagram:



API Endpoints

Endpoints	Method	Description
/Products	Get	Fetches all products
/Products/id	Get	Fetches a specific product
Orders	Post	Creates a new order
Orders/id	Get	Fetches a specific order
/shipment/tracking/id	Get	Tracks shipment status

Sanity Schema Design:

Product Schema:

```
export const product = {  
  name: 'product',  
  type: 'document',  
  fields: [  
    {name: 'name', type: 'string', title: 'Product Name'},  
    {name: 'price', type: 'number', title: 'Price'},  
    {name: 'description', type: 'text', title: 'Description'},  
    {name: 'image', type: 'image', title: 'Product Image'},  
    {name: 'category', type: 'string', title: 'Category'}  
  ]  
};
```

Order Schema:

```
export const order = {  
  name: 'order',  
  type: 'document',  
  fields: [  
    {name: 'orderNumber', type: 'string', title: 'Order Number'},  
    {name: 'customer', type: 'reference', to: [{type: 'customer'}], title:  
'Customer'},
```

```
{name: 'products', type: 'array', of: [{type: 'reference', to: [{type: 'product'}]}],
title: 'Products'},

  {name: 'totalAmount', type: 'number', title: 'Total Amount'},

  {name: 'status', type: 'string', title: 'Order Status'}

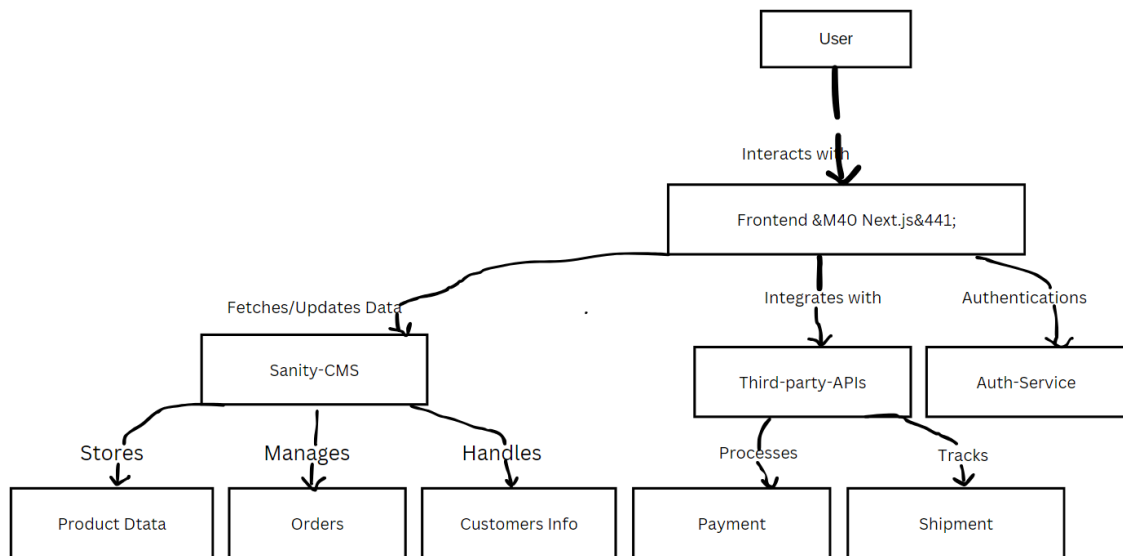
]
};
```

Customer Schema

```
export const customer = {
  name: 'customer',
  type: 'document',
  fields: [
    {name: 'name', type: 'string', title: 'Customer Name'},
    {name: 'email', type: 'string', title: 'Email'},
    {name: 'address', type: 'text', title: 'Address'},
    {name: 'phone', type: 'string', title: 'Phone Number'}
  ]
};
```

Technical Documentation:

1. System Architecture:



1.1 Components

- Frontend (Next.js): User interface aur interactions handle Karta hai.
- Sanity CMS: Content management aur data storage ke liye use hota hai.
- Third-party APIs: Shipment tracking aur payments ke liye integrate kiye gaye hain.

2. API Endpoints:

[Yahan pe aap upar di gayi API endpoints table paste kar sakte hain]

Endpoints	Method	Description
/Products	Get	Fetches all products

/Products/id	Get	Fetches a specific product
Orders	Post	Creates a new order
Orders/id	Get	Fetches a specific order
/shipment/tracking/id	Get	Tracks shipment status

3. Sanity Schemas:

Product Schema:

```
export const product = {  
  name: 'product',  
  type: 'document',  
  fields: [  
    {name: 'name', type: 'string', title: 'Product Name'},  
    {name: 'price', type: 'number', title: 'Price'},  
    {name: 'description', type: 'text', title: 'Description'},  
    {name: 'image', type: 'image', title: 'Product Image'},  
    {name: 'category', type: 'string', title: 'Category'}  
  ]  
};
```

Order Schema:

```
export const order = {  
  name: 'order',  
  type: 'document',  
  fields: [  
    {name: 'orderNumber', type: 'string', title: 'Order Number'},  
    {name: 'customer', type: 'reference', to: [{type: 'customer'}], title:  
    'Customer'},  
    {name: 'products', type: 'array', of: [{type: 'reference', to: [{type:  
    'product'}]}], title: 'Products'},  
    {name: 'totalAmount', type: 'number', title: 'Total Amount'},  
    {name: 'status', type: 'string', title: 'Order Status'}  
  ]  
};
```

Customer Schema:

```
export const customer = {  
  name: 'customer',  
  type: 'document',  
  fields: [  
    {name: 'name', type: 'string', title: 'Customer Name'},  
    {name: 'email', type: 'string', title: 'Email'},  
    {name: 'address', type: 'text', title: 'Address'},
```

```
{name: 'phone', type: 'string', title: 'Phone Number'}  
]  
};
```

4. Data Flow:

- User frontend se interact karta hai.
- Frontend Sanity CMS se data fetch karta hai ya update karta hai.
- Orders create hone par, shipment tracking aur payment APIs trigger hote hain.