

API Specification

1. Endpoint Name: /products

Method: GET

Description: Fetch all available products from the Sanity CMS.

Response:

```
{ "products": [  
  { "id": "1",  
    "name": "Product A",  
    "price": 100,  
    "stock": 20,  
    "image": "https://example.com/image-a.jpg",  
    "category": "electronics"  
  },  
  ...  
], }
```

2. Endpoint Name: /products/:id

Method: GET

Description: Fetch detailed information for a single product by its ID.

Request:

Headers:

Content-Type: application/json

Path Parameters:

id: The ID of the product to fetch.

Response:

```
{  
  "id": "1",  
  "name": "Product A",  
  "description": "A detailed description of Product A.",  
  "price": 100,  
  "stock": 20,  
  "images": [  
    "https://example.com/image-a1.jpg",  
    "https://example.com/image-a2.jpg"
```

```
],  
  "reviews": [  
    {  
      "user": "User123",  
      "rating": 5,  
      "comment": "Excellent product!"  
    }  
  ]  
}
```

3. Endpoint Name: /orders

Method: POST

Description: Create a new order in the Sanity CMS.

Request:

Headers:

Content-Type: application/json

Payload:

```
{  
  "customer": {
```

```
"name": "John Doe",  
"email": "john.doe@example.com",  
"address": "123 Main St, City, Country"  
},  
"products": [  
  {  
    "id": "1",  
    "quantity": 2  
  },  
  {  
    "id": "3",  
    "quantity": 1  
  }  
],  
"paymentStatus": "Paid"  
}
```

Response:{

```
"orderId": "ORD12345",
```

```
"message": "Order created successfully",  
"status": "success"  
}
```

4. Endpoint Name: /shipment

Method: GET

Description: Track order status via a third-party shipment API.

Request:

Headers:

Content-Type: application/json

Authorization: Bearer <API_KEY>

Query Parameters:

orderId: The ID of the order to track.

Response:

```
{  
  "shipmentId": "SHIP456",  
  "orderId": "ORD12345",  
  "status": "In Transit",  
  "expectedDeliveryDate": "2025-01-20"}  
}
```

5. Endpoint Name: /users/:id/orders

Method: GET

Description: Fetch all orders placed by a specific user.

Request:

Headers:

Content-Type: application/json

Path Parameters:

id: The ID of the user.

Response:

```
{  
  "orders": [  
    {  
      "orderId": "ORD12345",  
      "status": "Shipped",  
      "totalAmount": 300,  
      "date": "2025-01-10"  
    },  
    {
```

```
"orderId": "ORD12346",  
"status": "Delivered",  
"totalAmount": 150,  
"date": "2025-01-05"  
}  
]  
}
```