

Process

Product data was migrated from the API provided by Sir, Ahmed Raza and Bilal Fareed. The migration went smoothly without any errors and the data was successfully available via the sanity API.

Adjustments

Major overhauls had to be made to the product schema as it seemed incompatible with the API.

The other schemas are not implemented yet.

Original	Adjusted
ID	_id
Name	name
Description	imagePath
Image	price
Price	description
Sizes	discountPercentage
Colors	isFeaturedProduct
SKU	stockLevel
Rating	id
Category	category
Tags	

Migration Steps

Step 1: Define the Schema for Products

1. Open the schemas folder in your Sanity project
2. Create a New Schema File: productType.js

```
import { defineField, defineType } from "sanity";

export const productType = defineType({
  name: "product",
  title: "Product",
  type: "document",
```

```
fields: [  
  defineField({  
    name: "name",  
    title: "Name",  
    type: "string",  
  }),  
  defineField({  
    name: "imagePath",  
    title: "Image Path",  
    type: "url",  
  }),  
  defineField({  
    name: "price",  
    title: "Price",  
    type: "number",  
  }),  
  
  defineField({  
    name: "description",  
    title: "Description",  
    type: "text",  
  }),  
  defineField({  
    name: "discountPercentage",  
    title: "Discount Percentage",  
    type: "number",  
  }),  
  defineField({  
    name: "isFeaturedProduct",  
    title: "Is Featured Product",  
    type: "boolean",  
  }),  
  defineField({  
    name: "stockLevel",  
    title: "Stock Level",  
    type: "number",  
  }),  
  defineField({  
    name: "category",  
    title: "Category",  
    type: "string",  
  }),  
  defineField({  
    name: "id",  
    title: "ID",  
    type: "string",  
  }),  
],  
});
```

Step 2 Migrate Data into Sanity

1. Create a Route Handler to migrate the data.

```
import axios from 'axios';
import client from '../../sanityClient';

export async function GET(req) {
  try {
    // Fetch data from the API
    const { data } = await axios.get('https://template-0-beta.vercel.app/api/product');

    // Insert each product into Sanity
    for (const product of data) {
      await client.create({
        _type: 'product',
        id: product.id,
        name: product.name,
        imagePath: product.imagePath,
        price: parseFloat(product.price),
        description: product.description,
        discountPercentage: product.discountPercentage,
        isFeaturedProduct: product.isFeaturedProduct,
        stockLevel: product.stockLevel,
        category: product.category,
      });
    }

    return new Response(JSON.stringify({ message: 'Data inserted successfully!' }), {
      status: 200,
      headers: { 'Content-Type': 'application/json' },
    });
  } catch (error) {
    console.error(error);
    return new Response(JSON.stringify({ error: 'Failed to fetch or insert data' }), {
      status: 500,
      headers: { 'Content-Type': 'application/json' },
    });
  }
}
```

2. Visit the route to migrate data.