

HACKATHON_DAY_3_TASK

API INTEGRATION & DATA MIGRATION

Name: SUMAYYA FAZAL HUSSAIN

RollNo. 00137046

Slot: Sunday 2-5

sumayyafazalhussain@gmail.com



UNDERSTAND THE API

- 1 Importing API Data Added the provided API to the main dataImport script for importing data into Sanity CMS. - Adjusted the schema in: -
sanity/schemaTypes
sanity/schemaTypes/product.ts



```
// Function to import data into Sanity
async function importData() {
  try {
    console.log('Fetching products from API...');
    const response = await axios.get('https://templated-six.vercel.app/api/products');
    const products = response.data;
    console.log('Fetched ${products.length} products');

    for (const product of products) {
      console.log('Processing product: ${product.title}');

      // Upload image if available
      let imageRef = null;
      if (product.imageUrl) {
        imageRef = await uploadImageToSanity(product.imageUrl);
      }
    }
  }
}
```



VALIDATE THE SCHEMA

- 1 Importing API Data Added the provided API to the main dataImport script for importing data into Sanity CMS. - Adjusted the schema in: -
sanity/schemaTypes
sanity/schemaTypes/product.ts



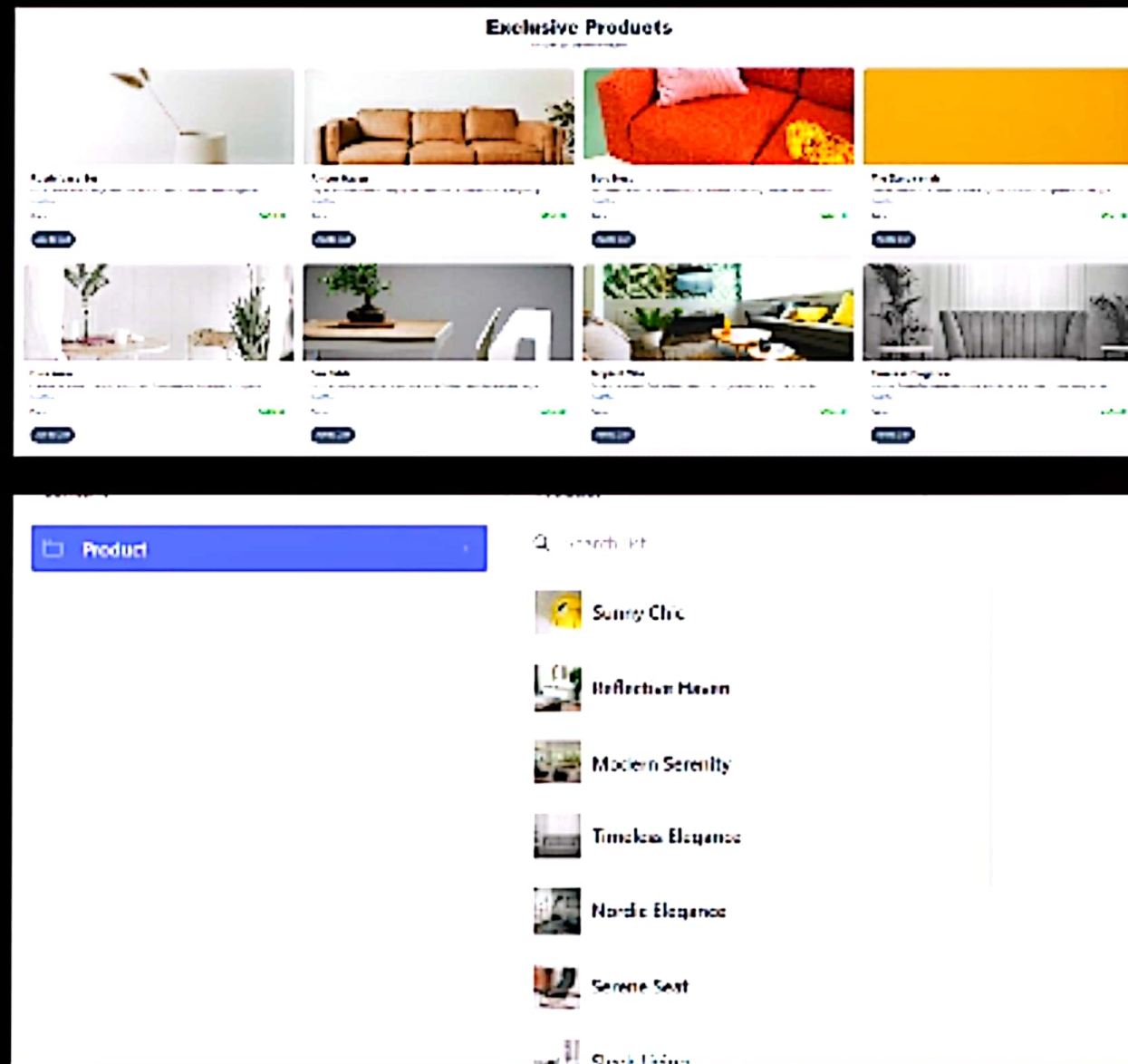
```
import { defineType } from "sanity";

export const product = defineType({
  name: "product",
  title: "Product",
  type: "document",
  fields: [
    {
      name: "title",
      title: "Title",
      type: "string",
      validation: (rule) => rule.required(),
    },
    {
      name: "description",
      title: "Description",
      type: "text",
      validation: (rule) => rule.required(),
    },
    {
      name: "productImage",
      title: "Product Image",
      type: "image",
      options: {
        hotspot: true,
      },
    },
    {
      name: "price",
      title: "Price",
      type: "number",
      validation: (rule) => rule.required().min(0),
    },
  ],
});
```

IMPLEMENTATION

1. Adding Sanity to the Project I started by integrating Sanity CMS into my project.

- 2. Creating a New Token Created a new API token in the Sanity dashboard. - Added the token to the .env.local
- 3. Running the Data Import Command - Ran the npm run import-data command to upload the data to Sanity CMS successfully



FRONTEND OUTPUT

SANITY OUTPUT

