



LARANA, INC.

# **HACKATHON\_DAY\_3 TASK**

**API INTEGRATION & DATA MIGRATION**

# 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

```
on 7 app > api > 10 queries > 10 allproducts
1 // sanity/lib/queries.ts
2 export const allproducts = `
3   {
4     __type: "product" {
5       _id,
6       name,
7       "image1": image.asset.url,
8       price,
9       description,
10      discountPercentage,
11      isFeaturedProduct,
12      stockLevel,
13      category
14     }
15   }
16 `
17
18 export const productDetailQuery = `
19   {
20     __type: "product" && _id == $id {0} {
21       _id,
22       name,
23       "image1": image.asset.url,
24       price,
25       description,
26       discountPercentage,
27       isFeaturedProduct,
28       stockLevel,
29       category
30     }
31   }
32 `
```

# 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

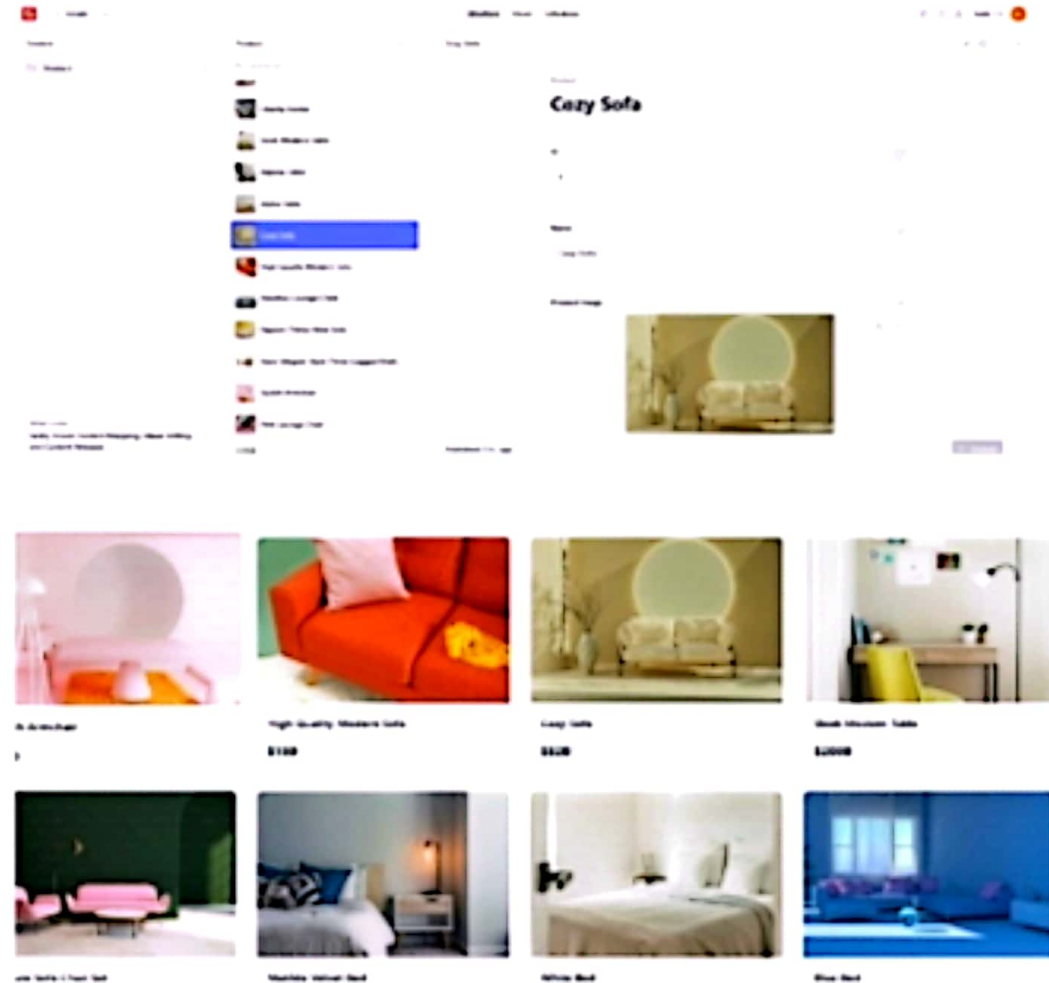
```
// Function to import data into Sanity
async function importData() {
  try {
    console.log("Fetching products from API...");
    const response = await axios.get(
      "https://template-0-beta.vercel.app/api/product"
    );
    const products = response.data;
    console.log(`Fetched ${products.length} products`);

    for (const product of products) {
      console.log(`Processing product: ${product.name}`);
      // Upload image if available
    }
  } catch (error) {
    console.error("Error fetching products:", error);
  }
}
```

# 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*







# SANITY OUTPUT

# FRONTEND OUTPUT

