



LARANA, INC.

HACKATHON_DAY_3 TASK

API INTEGRATION & DATA MIGRATION

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);
  }
}
```

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

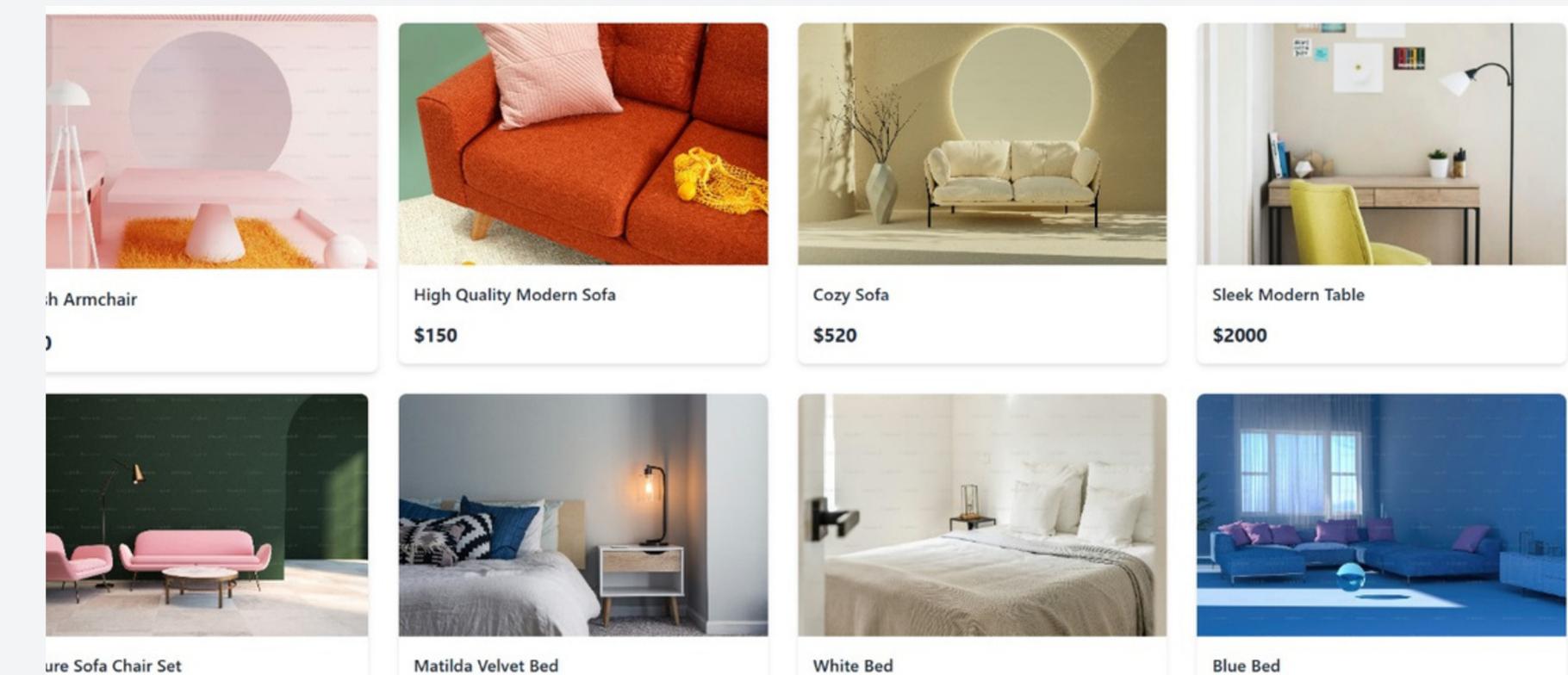
```
src > app > api > ts query.ts > [0] allproducts
1 // sanity/lib/queries.ts
2 export const allproducts = ` 
3   *[_type == "product"] {
4     _id,
5     name,
6     "imageUrl": image.asset->url,
7     price,
8     description,
9     discountPercentage,
10    isFeaturedProduct,
11    stockLevel,
12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

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*

The screenshot shows the Sanity CMS interface. On the left, there's a sidebar with a search bar and a 'Product' section containing a list of furniture items: Liberty Center, Sleek Modern Table, Replica Table, Alpha Table, Cozy Sofa (which is highlighted with a blue selection bar), High Quality Modern Sofa, Nautilus Lounge Chair, Rapson Thirty-Nine Sofa, Hans Wegner Style Three-Legged Shell..., Stylish Armchair, and Pink Lounge Chair. Below this is a 'What's new' section with a note about Content Mapping, Visual Editing, and Content Releases, published 3 hours ago. On the right, a detailed view of the 'Cozy Sofa' product is shown, including its ID (9), name ('Cozy Sofa'), and a large image of a white sofa in a room with a circular light fixture.



S + Create Q

Structure Vision Schedules Tasks A

Content

Product + ... Cozy Sofa

Q Search list

Liberty Center

Sleek Modern Table

Replica Table

Alpha Table

Cozy Sofa

High Quality Modern Sofa

Nautilus Lounge Chair

Rapson Thirty-Nine Sofa

Hans Wegner Style Three-Legged Shell...

Stylish Armchair

Pink Lounge Chair

Armchair Chair Set

ID 9

Name Cozy Sofa

Product Image

Published 3 hr. ago

Publish ...

What's new
Sanity Create Content Mapping, Visual Editing, and Content Releases

SANITY OUTPUT

FRONTEND OUTPUT

