

"Day 3 - API Integration Report - E-commerce"

o A report documenting:

- API integration process.
- Adjustments made to schemas.

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

export const product = defineType({
  name: "product",
  title: "Product",
  type: "document",
  fields: [
    defineField({
      name: "category",
      title: "Category",
      type: "reference",
      to: [{
        type: "category"
      }]
    }),
    defineField({
      name: "name",
      title: "Title",
      validation: (rule) => rule.required(),
      type: "string"
    }),
    defineField({
      name: "slug",
      title: "Slug",
      validation: (rule) => rule.required(),
```

- Migration steps and tools used.
- API calls.

```
// Main function to import data
async function importData() {
  try {
    const response = await axios.get("https://hackathon-apis.vercel.app/api/products");
    const products = response.data;

    let counter = 1;

    for (const product of products) {
      let imageRef = null;
      let catRef = null;

      if (product.image) {
        imageRef = await uploadImageToSanity(product.image);
      }

      if (product.category.name) {
        catRef = await createCategory(product.category, counter);
      }
    }
  }
}
```

- Data successfully displayed in the frontend.



The Poplar suede sofa

A timeless design, with premium materials features as one of our most popular and iconic pieces. The dandy chair is perfect for any stylish living space with beech legs and lambskin leather upholstery.

Dimensions: 50cmw-110cmh-110cm



Tropical Vibe

A timeless design, with premium materials features as one of our most popular and iconic pieces. The dandy chair is perfect for any stylish living space with beech legs and lambskin leather upholstery.

Dimensions: 50cmw-75cmh-110cm



Sleek Living

A timeless design, with premium materials features as one of our most popular and iconic pieces. The dandy chair is perfect for any stylish living space with beech legs and lambskin leather upholstery.

Dimensions: 50cmw-75cmh-110cm



- Populated Sanity CMS fields

Tropical Vibe

\$ 550

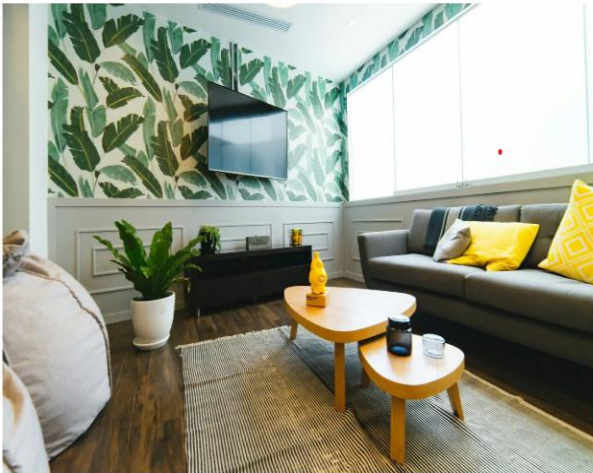
Description

A timeless design, with premium materials features as one of our most popular and iconic pieces. The dandy chair is perfect for any stylish living space with beech legs and lambskin leather upholstery.

Premium material
Handmade upholstery
Quality timeless classic

Dimensions

Height	Width	Depth	Amount
110cm	75cm	50cm	<div>-1+</div>



- Code snippets for API integration and migration scripts.

```
1 const Products = async () => {  
2   const query = `*[_type == "product"]{  
3     _id,  
4     name,  
5     dimensions,  
6     description,  
7     "imageUrl": image.asset->url,  
8     "slug": slug.current  
9   }`;  
10  const products: Product[] = await client.fetch(query);  
11
```

- Conclusion

The integration process was executed successfully , with data migrated , validated , and displayed accurately in the frontend . Debugging errors and apply proper functionality , and add schema adjustment enabled enhanced filtering and categorization.