

# **Hackathon Functionality**

## **Day 3**

### **– API Integration Report –** **CozyWood Creations** **Furniture Website**

- **API integration process.**
  - ✓ I create a project in my sanity account.
  - ✓ Create a token
  
- **Adjustments made to schemas.**
  - ✓ Download sanity in my project folder.
  - ✓ Store the ID , project ( they saved by default ) and token, version.

- ✓ I Create a schema for a product according to the provided API.
- ✓ Also given the path for image in next.config . mjs

## ➤ Migration steps and tools used.

- ✓ Create a importSanityData.mjs file in scripts folder and add function to integrate API in sanity project .
- ✓ In package.json add
  - “import-data” : “node script/importSanityData.mjs”
- ✓ After all the import steps for migrate API data in my projects , I run this command in my terminal
  - npm run import-data
- ✓ Make sure run the same name as you add in package .json dependencies

## ➤ Snippets of the process of API Integration:

```

scripts > # importData.mjs > uploadProduct
34
35
36 async function uploadProduct(product) {
37   try {
38     const imageId = await uploadImageToSanity(product.imageUrl);
39
40     if (imageId) {
41       const document = {
42         _type: 'product',
43         title: product.title,
44         price: product.price,
45         imageUrl: {
46           _type: 'image',
47           asset: {
48             _ref: imageId,
49           },
50         },
51         tags: product.tags,
52         discountPercentage: product.discountPercentage, // Typo in field name: discountPercentage -> discountPercentage
53         description: product.description,
54         isNew: product.isNew,
55       };
56
57       const createdProduct = await client.create(document);
58       console.log('Product ${product.title} uploaded successfully:', createdProduct);
59     } else {
60       console.log('Product ${product.title} skipped due to image upload failure.');

```

```

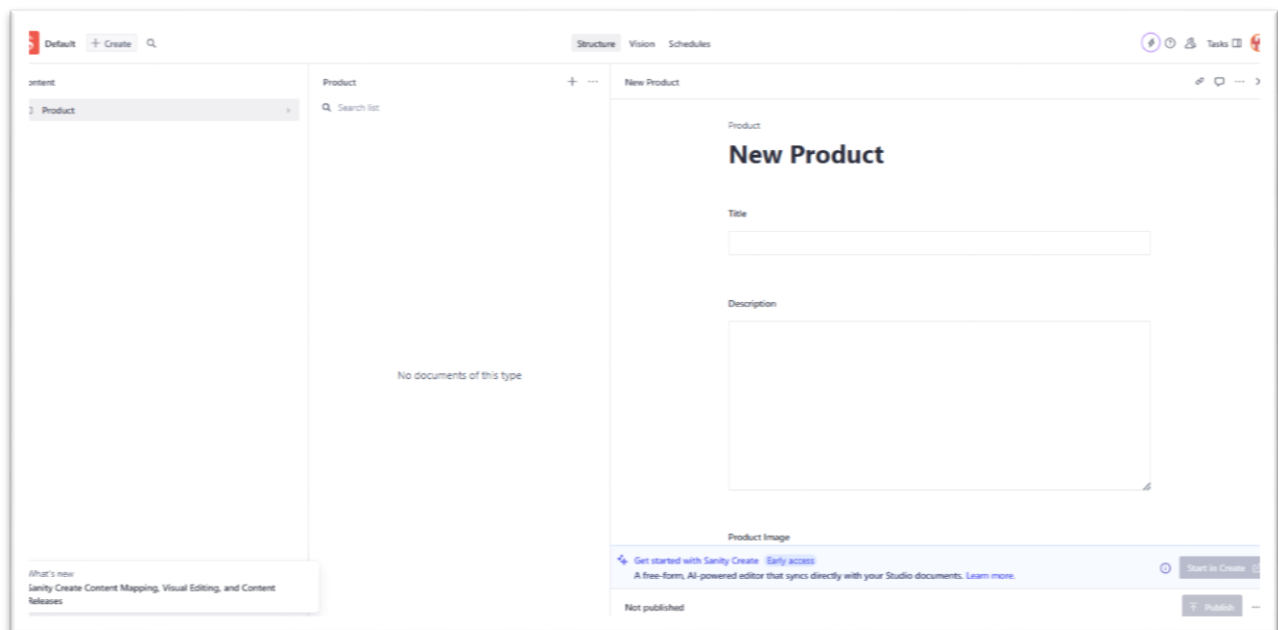
sanity > schemaTypes > TS products.ts > [x] product > name
1  import { defineType } from "sanity"
2
3  export const product = defineType({
4    name: "product",
5    title: "Product",
6    type: "document",
7    fields: [
8      {
9        name: "title",
10       title: "Title",
11       validation: (rule) => rule.required(),
12       type: "string"
13     },
14     {
15       name: "description",
16       type: "text",
17       validation: (rule) => rule.required(),
18       title: "Description",
19     },
20     {
21       name: "imageUrl",
22       type: "image",
23       validation: (rule) => rule.required(),
24       title: "Product Image"
25     },
26     {
27       name: "price",
28       type: "number",
29       validation: (rule) => rule.required(),
30       title: "Price",
31     },
32     {
33       name: "tags",
34       type: "array",
35       title: "Tags",
36       of: [{ type: "string" }]
37     },
38   ],

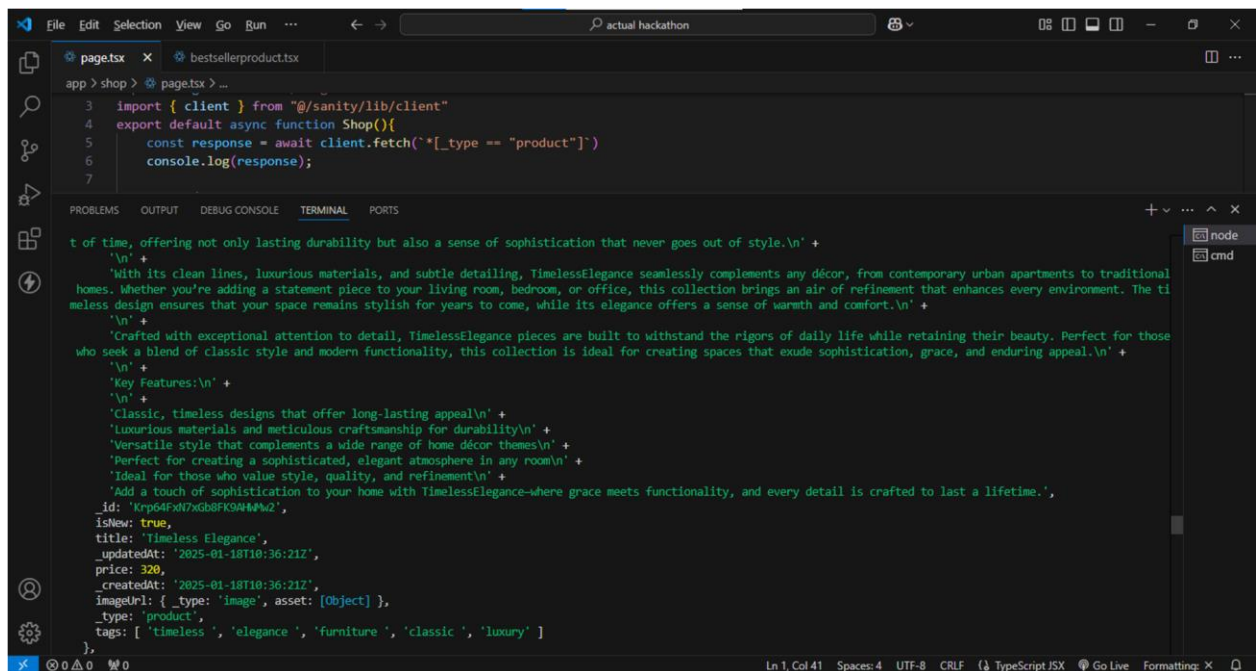
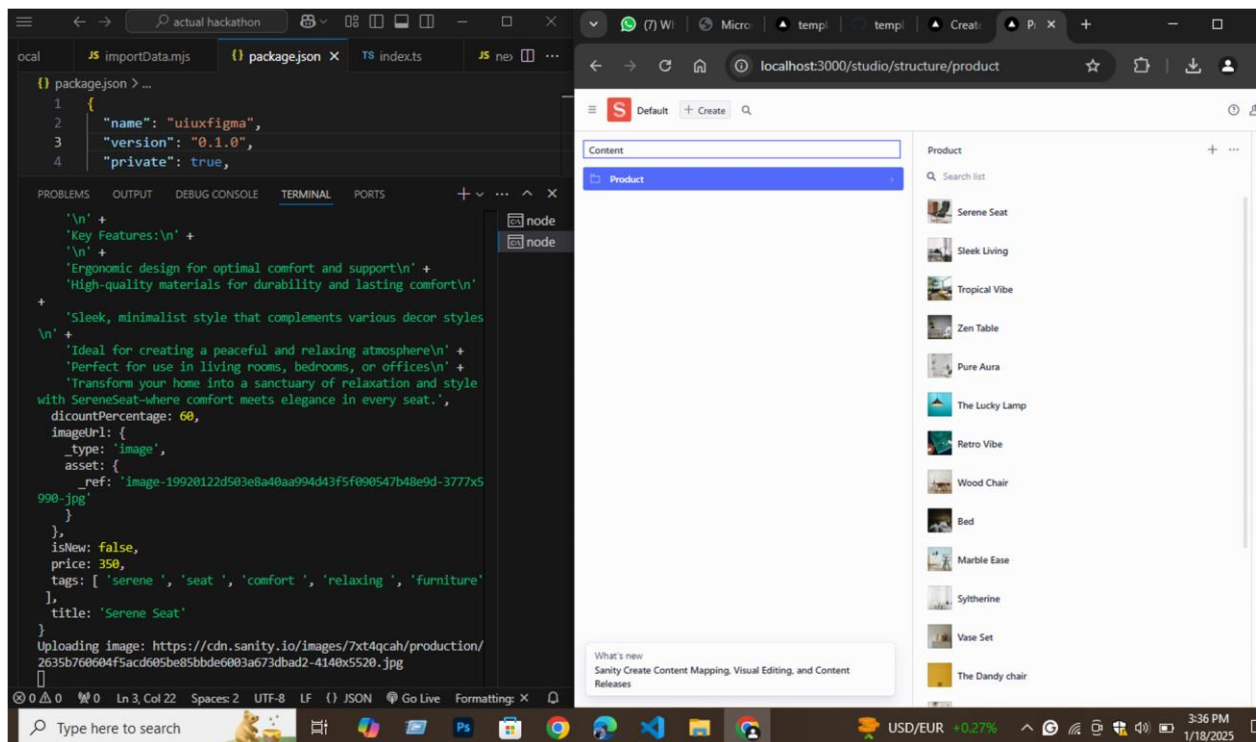
```

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

Microsoft Windows [Version 10.0.19045.5371]
(c) Microsoft Corporation. All rights reserved.

E:\Projects-of-Giaic\Hackathon Projects\Figma Design Practice\actual hackathon>npm run import-data
```







### Bandage

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bright space minimalist  
modern decor  
\$180



**The Dandy chair**  
chair elegant vintage classic  
furniture  
\$150



**Syltherine**  
livingfancyelegance desgin  
\$200



**Wood Chair**  
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rustic  
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[Product](#)

Product

Sunny Chic

Reflective Haven

Modern Serenity

Timeless Elegance

Nordic Elegance

Serene Seat

Sleek Living

Tropical Vibe

Zen Table

Pure Aura

The Lucky Lamp

Retro Vibe

Wood Chair

Published 4 min. ago

Product

Sunny Chic

Product

## Sunny Chic

Title

Sunny Chic

Description

Key Features:

Bright, bold colors and breezy designs inspired by sunny, coastal living  
High-quality materials that are both durable and comfortable  
A versatile collection perfect for living rooms, bedrooms, or outdoor spaces  
Combines chic style with a relaxed, welcoming atmosphere  
Ideal for those looking to add a refreshing, cheerful touch to their home  
Fill your home with the light and energy of SunnyChic—where sunshine meets style for a lively and sophisticated living experience. Make every day feel like a sunlit escape.

Product Image

Published 3 min. ago

Publish

pg. 6

Asfaa khan

## ➤ **Self-Validation Checklist:**

- ✓ **API Understanding:**
- ✓ **Schema Validation:**
- ✓ **Data Migration.**
- ✓ **API Integration in Next.js**
- ✓ **Submission Preparation**