

# Hackathon Day 3

## API INTEGRATION AND DATA MIGRATION:

### Understanding Api

### Template 2:

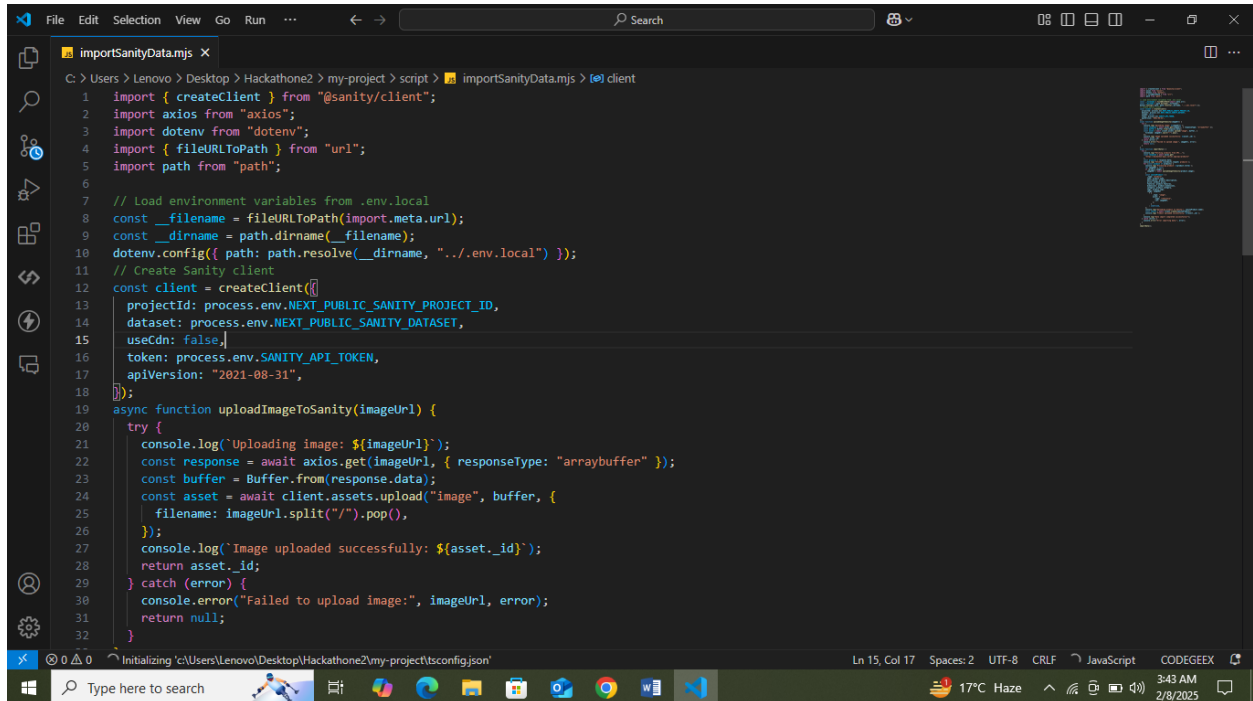
API:- <https://hackathon-apis.vercel.app/api/products>

### Sanity Schemas:

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

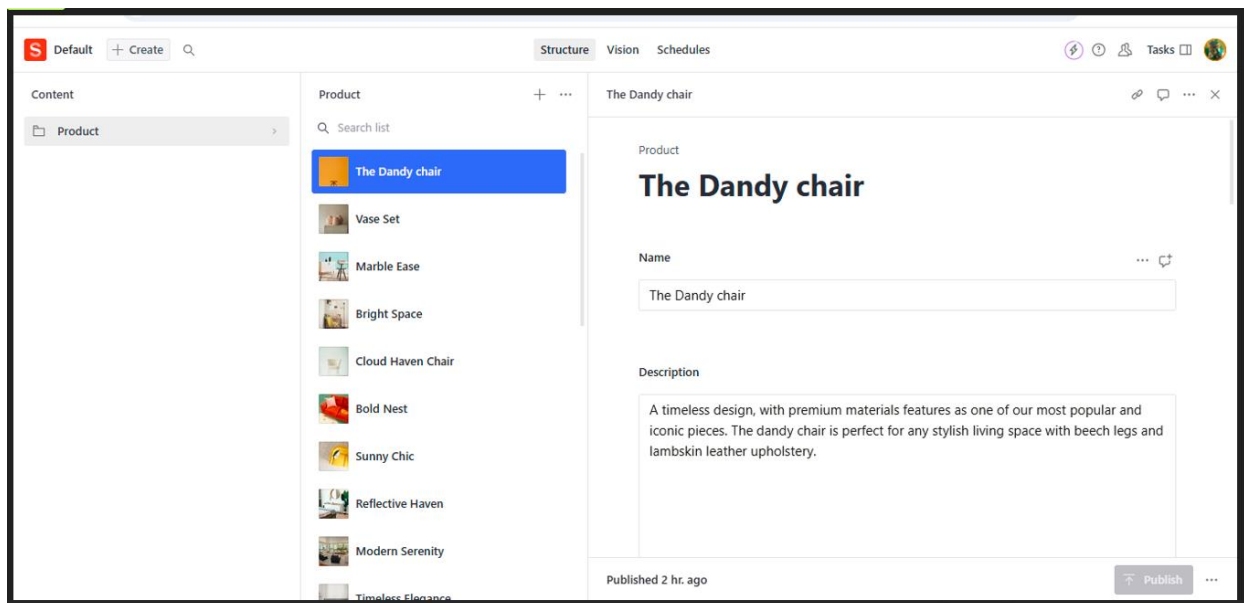
export default defineType({
  name: "product",
  title: "Product",
  type: "document",
  fields: [
    defineField({
      name: "name",
      title: "Name",
      type: "string",
    }),
    defineField({
      name: "description",
      title: "description",
      type: "text",
    }),
    defineField({
      name: "image",
      title: "Image",
      type: "image",
      options: {
        hotspot: true,
      },
    }),
    defineField({
      name: "price",
      title: "Price",
      type: "number",
    })
  ]
});
```

## Migration Script:



```
1 import { createClient } from "@sanity/client";
2 import axios from "axios";
3 import dotenv from "dotenv";
4 import { fileURLToPath } from "url";
5 import path from "path";
6
7 // Load environment variables from .env.local
8 const __filename = fileURLToPath(import.meta.url);
9 const __dirname = path.dirname(__filename);
10 dotenv.config({ path: path.resolve(__dirname, "../.env.local") });
11 // Create Sanity client
12 const client = createClient({
13   projectId: process.env.NEXT_PUBLIC_SANITY_PROJECT_ID,
14   dataset: process.env.NEXT_PUBLIC_SANITY_DATASET,
15   useCdn: false,
16   token: process.env.SANITY_API_TOKEN,
17   apiVersion: "2021-08-31",
18 });
19 async function uploadImageToSanity(imageUrl) {
20   try {
21     console.log(`Uploading image: ${imageUrl}`);
22     const response = await axios.get(imageUrl, { responseType: "arraybuffer" });
23     const buffer = Buffer.from(response.data);
24     const asset = await client.assets.upload("image", buffer, {
25       filename: imageUrl.split("/").pop(),
26     });
27     console.log(`Image uploaded successfully: ${asset.id}`);
28     return asset.id;
29   } catch (error) {
30     console.error("Failed to upload image:", imageUrl, error);
31     return null;
32   }
33 }
```

## Import Sanity Data:



# Fetching Data to sanity

## All Product

Category ▾


Product type ▾

Price ▾


Brand ▾

Sorting by


Date Add ▾




Bright Space  
£180



Marble Ease  
£419



Wood Chair  
£100



Tropical Vibe  
£550