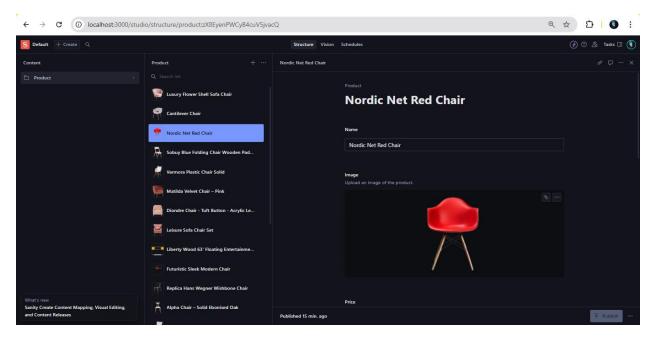**Syed Ahmed Ali Shah**

Day 3

Reviewed API Documentation:

I carefully reviewed the API documentation for my assigned template to gain a clear understanding of the available endpoints, particularly `/products`. I studied the data structure returned by the API, identifying the field names and their corresponding data types.

Then I Have Done whole necessary changes required to fetch the data and show it in CMS.

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS    COMMENTS

Uploading Image : https://next-ecommerce-template-4.vercel.app/product/Chair (21).png
Image Uploaded Successfully : image-c38fce5a042216f5901d9acb2ab570e098997ce0-350x350-png
Uploading Chair - Sobuy Blue Folding Chair Wooden Padded to Sanity !
Uploaded Successfully: NxaIkVf0z91aTr5xFpBh4s
--------------------------------------------------------


Processing Item: Nordic Net Red Chair
Uploading Image : https://next-ecommerce-template-4.vercel.app/product/Chair (22).png
Image Uploaded Successfully : image-c919c7d6e7b1d3ece287cde7c3fff40c97216ac3-374x374-png
Uploading Chair - Nordic Net Red Chair to Sanity !
Uploaded Successfully: zX8EyenPWCyB4cuV5jvacQ
--------------------------------------------------------


Processing Item: Cantilever Chair
Uploading Image : https://next-ecommerce-template-4.vercel.app/product/Chair (23).png
Image Uploaded Successfully : image-90a8d692777c7c2b80c7e49916bdce829702c35d-342x342-png
Uploading Chair - Cantilever Chair to Sanity !
Uploaded Successfully: D24vb8qimRxTY37EypoLee
--------------------------------------------------------


Processing Item: Luxury Flower Shell Sofa Chair
Uploading Image : https://next-ecommerce-template-4.vercel.app/product/Chair (34).png
Image Uploaded Successfully : image-b36c424e4368829cc69cefdb42ba7b9d213e965e-1258x1258-png
Uploading Sofa - Luxury Flower Shell Sofa Chair to Sanity !
```

localhost:3000/studio/structure/product:zX8EyenPWCyB4cuV5jvacQ

Default + Create

Structure Vision Schedules

Tasks

Content

Product

Product

Search list

Luxury Flower Shell Sofa Chair

Cantilever Chair

Nordic Net Red Chair

Sobuy Blue Folding Chair Wooden Pad...

Varmora Plastic Chair Solid

Matilda Velvet Chair – Pink

Diondre Chair - Tuft Button - Acrylic Le...

Leisure Sofa Chair Set

Liberty Wood 63' Floating Entertainme...

Futuristic Sleek Modern Chair

Replica Hans Wegner Wishbone Chair

Alpha Chair – Solid Ebonised Oak

Product

Nordic Net Red Chair

Name

Nordic Net Red Chair

Image
Upload an image of the product.

Price

Published 15 min. ago   Publish

UI-HACKATHON-AHM...

next-ecommerce-template-4 > src > scripts > JS import-data.mjs > ...

next-ecommerce-template-4
  .next
  node_modules
  public
  src
    app
    data
    sanity
      lib
      schemaTypes
      TS index.ts
      TS product.ts
    TS env.ts
    TS structure.ts
    scripts
      JS import-data.mjs
  .env
  .env.local
  .gitignore
  JS eslint.config.mjs
  TS next-env.d.ts
  TS next.config.ts
  {} package-lock.json   M
  {} package.json   M
  JS postcss.config.mjs
  README.md
  TS sanity.cli.ts   M
  TS sanity.config.ts   M
  TS tailwind.config.ts

```
 4  import { fileURLToPath } from 'url';
 5  import path from 'path';
 6
 7  const __filename = fileURLToPath(import.meta.url);
 8  const __dirname = path.dirname(__filename);
 9  dotenv.config({ path: path.resolve(__dirname, '../../.env') });
10
11  const client = createClient({
12    projectId: process.env.NEXT_PUBLIC_SANITY_PROJECT_ID,
13    dataset: process.env.NEXT_PUBLIC_SANITY_DATASET,
14    token: process.env.SANITY_API_TOKEN,
15    apiVersion: '2025-01-15',
16    useCdn: false,
17  });
18
    Tabnine | Edit | Test | Explain | Document
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    }
30    catch (error) {
31      console.error('Failed to Upload Image:', imageUrl, error);
32      return null;
33    }
34  }
35
```

```
34        }
35
     Tabnine | Edit | Test | Explain | Document
36    async function importData() {
37      try {
38        console.log('Fetching Product Data From API ...');
39
40        const response = await axios.get("https://next-ecommerce-template-4.vercel.app/api/product")
41        const products = response.data.products;
42
43        for (const item of products) {
44          console.log(`Processing Item: ${item.name}`);
45
46          let imageRef = null;
47          if (item.imagePath) {
48            imageRef = await uploadImageToSanity(item.imagePath);
49          }
50
51          const sanityItem = {
52            _type: 'product',
53            name: item.name,
54            category: item.category || null,
55            price: item.price,
56            description: item.description || '',
57            discountPercentage: item.discountPercentage || 0,
58            stockLevel: item.stockLevel || 0,
59            isFeaturedProduct: item.isFeaturedProduct,
60            image: imageRef
61              ? {
62                  _type: 'image',
63                  asset: {
64                    _type: 'reference',
65                    _ref: imageRef,
66                  },
```