

Day 3 - API Integration Report - Comforty A Furniture Brand

API Integration Process:

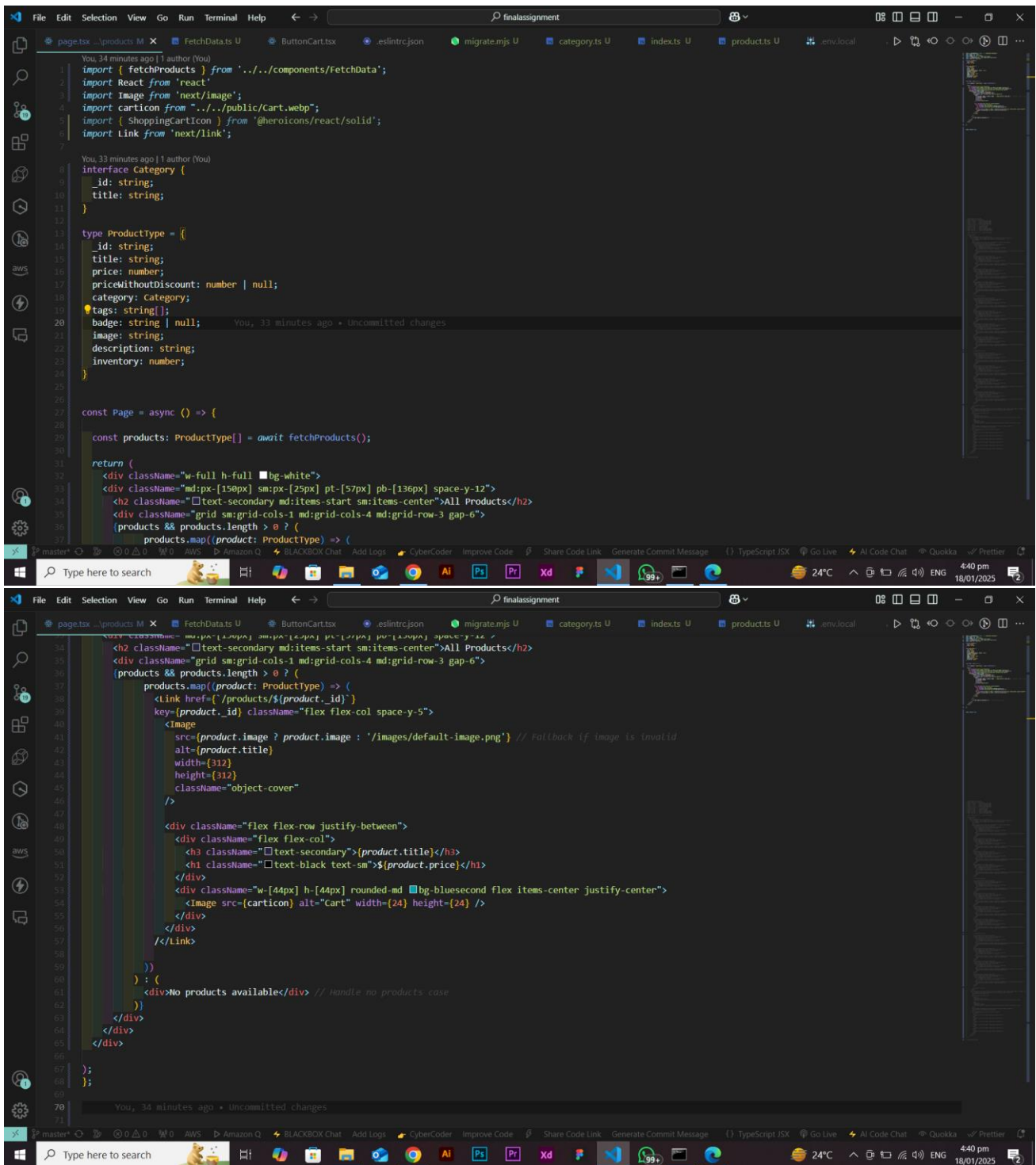
In this I fetch data from API then I migrate this to sanity using the migration script provided by Sir Hamza syed .

Migration steps and tools used:

Migration Steps include first generate API token then insert it using .env file which secure the key. Then I used the migration script to do the DATA migration.

- **Sanity CLI:** To initialize and manage the Sanity project.
- **Axios:** For API requests.
- **Dotenv:** For managing environment variables.
- **Sanity Client:** To interact with the Sanity CMS programmatically.

```
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1
2 import React from "react";
3 import Image from "next/image";
4 import cartIcon from "../../../public/cart.webp";
5 import { client } from "../../../sanity/lib/client";
6 import { urlFor } from "../../../sanity/lib/image";
7
8 interface ProductImage {
9   asset: {
10     _ref: string;
11     _type: string;
12   };
13   _type: string;
14 }
15
16 interface Product {
17   _id: string;
18   title: string;
19   price: number;
20   description: string;
21   image: ProductImage;
22 }
23
24 // Fetch product data server-side within the component using async function
25 async function fetchProduct(id: string): Promise<Product | null> {
26   const query = `[_type == "products" && _id == $id][0]{
27     _id,
28     title,
29     price,
30     description,
31     image
32   }`;
33
34   const product = await client.fetch(query, { id });
35
36   return product || null; // Return null if no product is found
37 }
38
39 // Server Component
40 const ProductPage = async ({ params }: { params: { id: string } }) => {
41   const product = await fetchProduct(params.id);
42
43   console.log("Fetched Product:", product); // Debugging the fetched product
44   if (!product) {
45     return (
46       <div className="w-full h-full flex items-center justify-center py-32">
47         <h2 className="text-xl text-red-500">Product not found</h2>
48       </div>
49     ); // Show a message when the product is not found
50   }
51
52   const imageUrl = urlFor(product.image).width(675).height(607).url();
53
54   return (
55     <div className="w-full h-full md:px-[150px] sm:px-[25px] py-[132px] flex flex-col space-y-36 bg-white">
56       <div className="flex md:flex-row sm:flex-col items-center">
57         <div className="md:w-1/2 sm:w-full">
58           <Image src={imageUrl} alt={product.title} width={675} height={607} />
59         </div>
60         <div className="md:w-1/2 sm:w-full flex flex-col sm:justify-normal md:justify-center px-24 space-y-10">
61           <h1 className="text-secondary md:text-6xl sm:text-4xl">
62             {product.title}
63           </h1>
64           <div className="w-[144px] h-[44px] bg-bluessecond rounded-full flex justify-center items-center">
65             <h2 className="text-xl text-white">{`$${product.price} USD`}</h2>
66           </div>
67           <div className="w-full border border-[#090909]"></div>
68           <div>
69             <h3 className="text-lg text-[#9A9CAA]">{product.description}</h3>
70           </div>
71         </div>
72       </div>
73     </div>
74   );
75 }
76
77 export default ProductPage;
```




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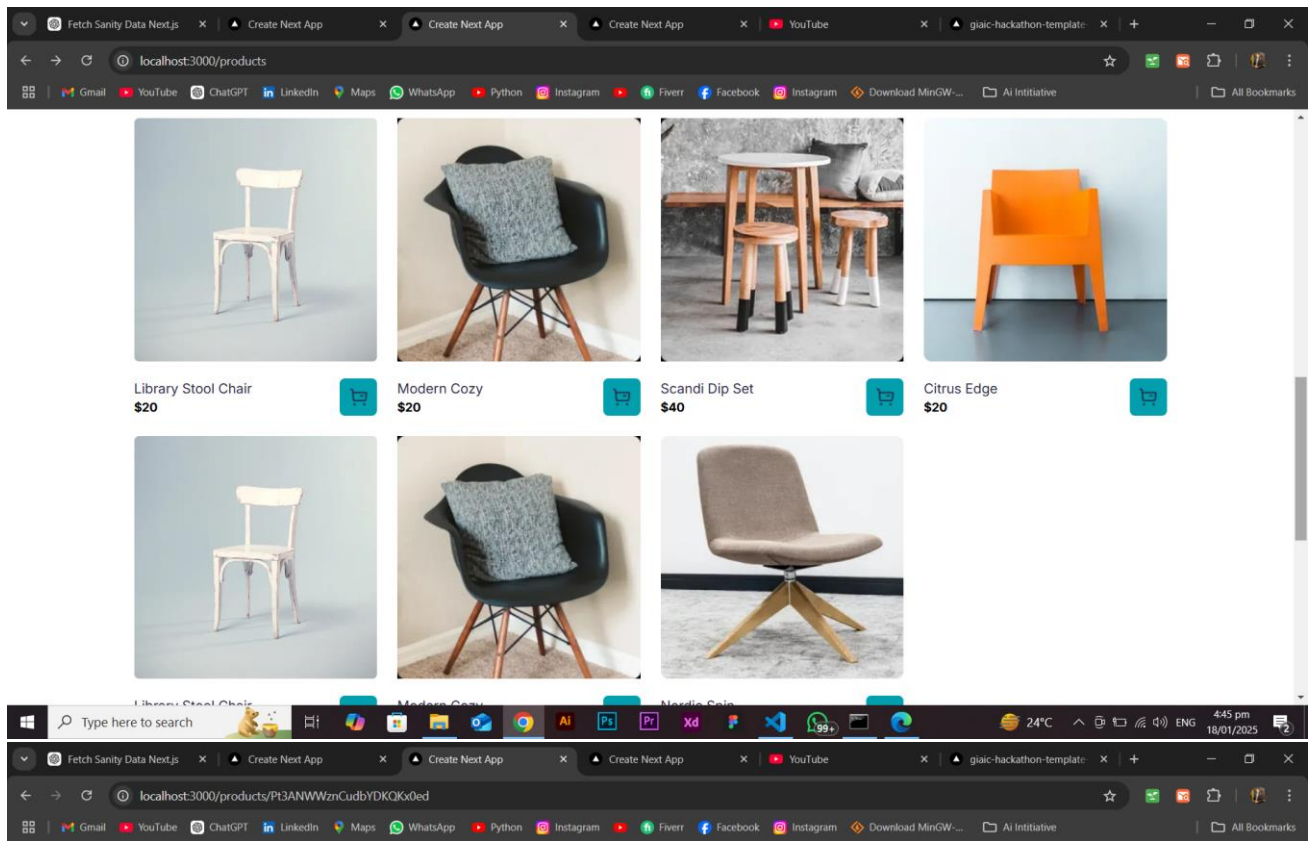






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