

PREPARED BY AYESHA AKBAR



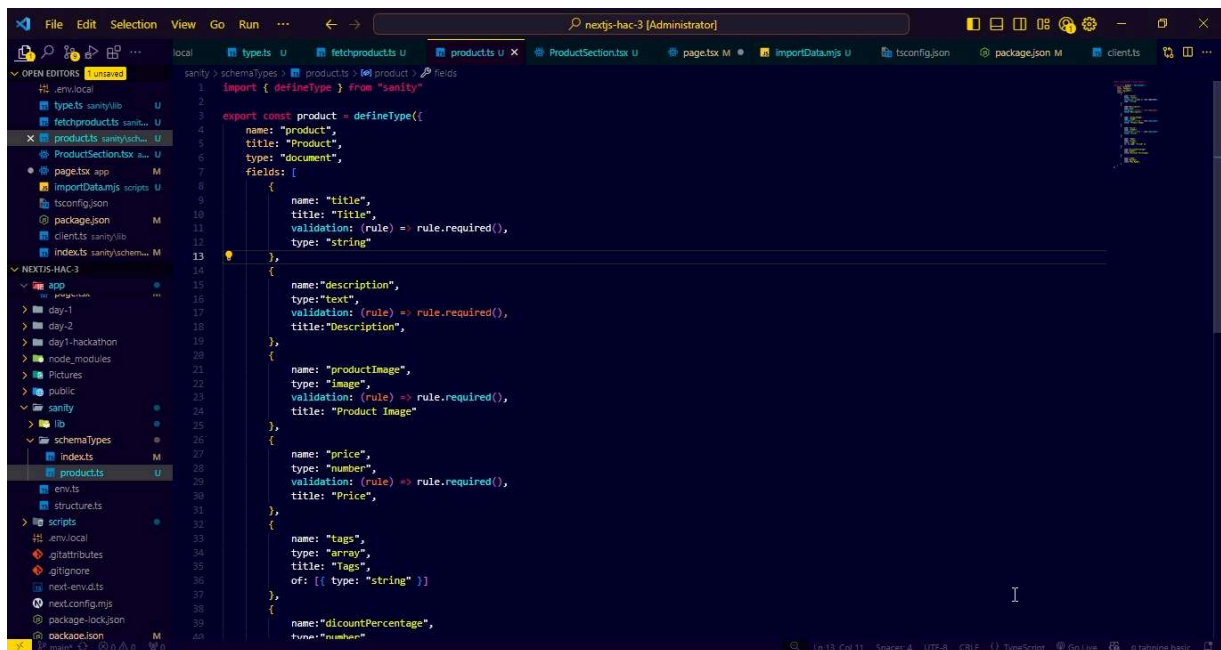
HACKATHON DAY 3/7 TASK COMPLETED:

Day 3 of the hackathon has been a rewarding experience! I successfully completed a challenging project that involved integrating APIs and migrating data into Sanity CMS to create a functional and dynamic marketplace builder. This project tested my problem-solving skills and deepened my understanding of API management and CMS-based data structures. Excited to share this milestone and look forward to leveraging these skills in future projects!

Santy Schema Development

Successfully created a comprehensive Product Schema that includes fields like name ,description , price , rating , sizes , and more.

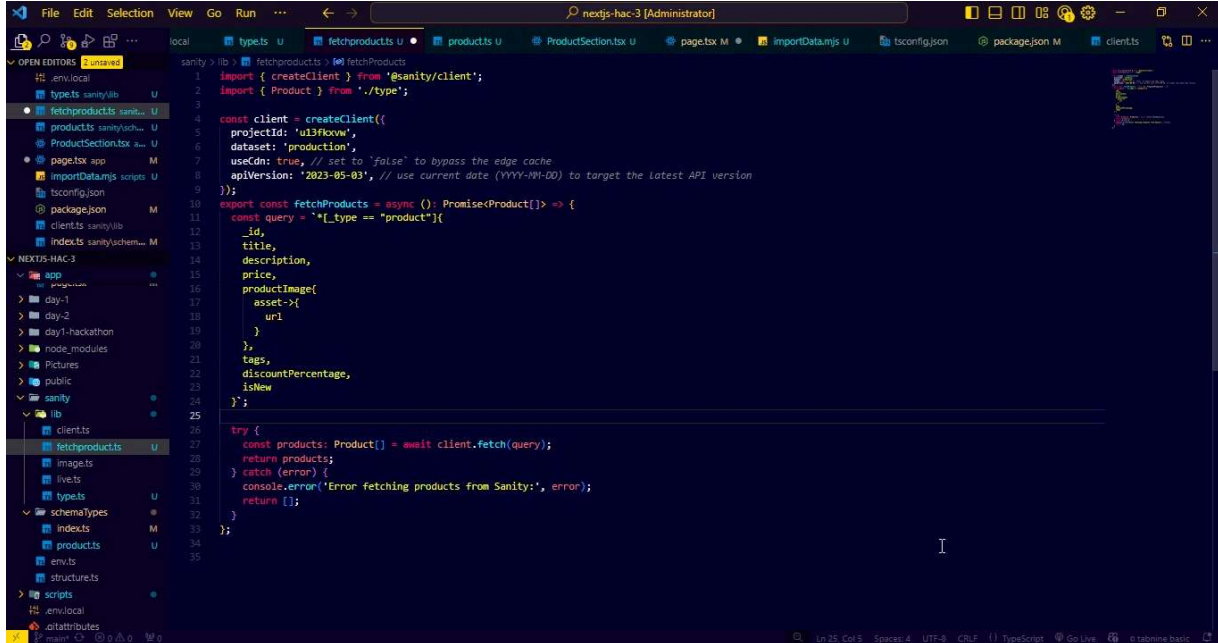
Incorporated features for better data management , such as discount handling and image hotspot capabilities.



```
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: "productImage",
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    {
39      name: "discountPercentage",
40      type: "number"
```

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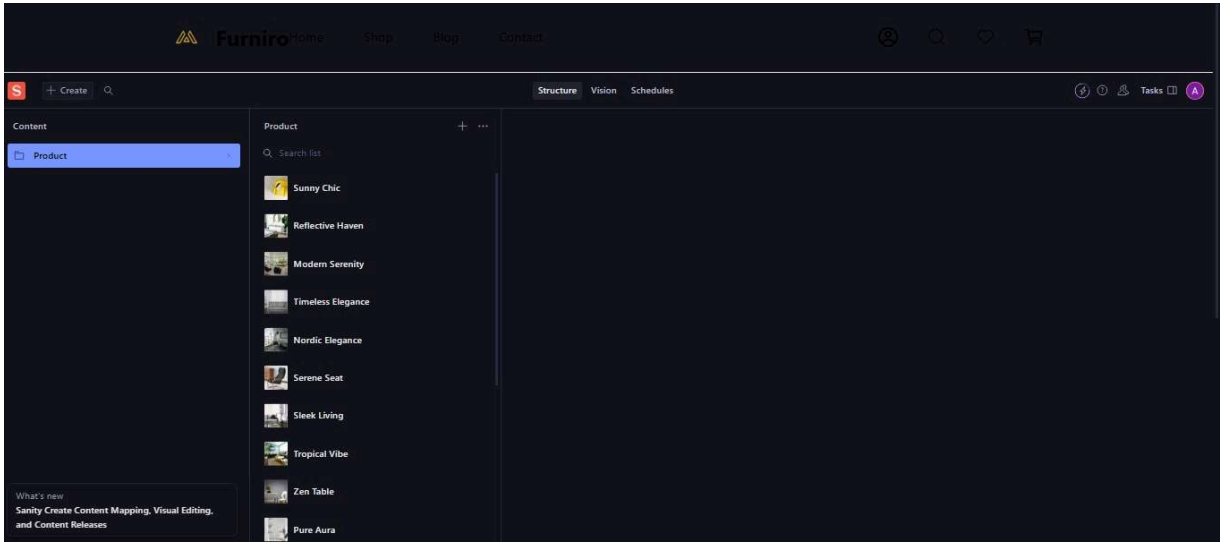
Query



```
File Edit Selection View Go Run ... nextjs-hac-3 [Administrator]
local types U fetchproducts U products U ProductSection.tsx U page.tsx M importData.mjs U tsconfig.json package.json M clients
OPEN EDITORS
.env.local
types sanitylib U
fetchproducts sanitylib U
products sanitylib U
ProductSection.tsx U
page.tsx app M
importData.mjs scripts U
tsconfig.json
package.json M
clients sanitylib
index.ts sanitylib
NEXTJS-HAC-3
app
pages
day-1
day-2
day1-hackathon
node_modules
Pictures
public
sanity
lib
clients
fetchproducts U
images
livets
types
schemaTypes
index M
products U
envs
structurets
scripts
.env.local
.attributes
main
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36
sanity > lib > fetchproducts > fetchProducts
1 import { createClient } from '@sanity/client';
2 import { Product } from './type';
3
4 const client = createClient({
5   projectId: 'u13fkoew',
6   dataset: 'production',
7   useCdn: true, // set to 'false' to bypass the edge cache
8   apiVersion: '2023-05-03', // use current date (YYYY-MM-DD) to target the latest API version
9 });
10 export const fetchProducts = async (): Promise<Product[]> => {
11   const query = `*[_type == "product"]{
12     id,
13     title,
14     description,
15     price,
16     productImage{
17       asset->{
18         url
19       }
20     },
21     tags,
22     discountPercentage,
23     isNew
24   }`;
25
26   try {
27     const products: Product[] = await client.fetch(query);
28     return products;
29   } catch (error) {
30     console.error('Error fetching products from Sanity:', error);
31     return [];
32   }
33 };
```

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Data in Sanity



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Data Successfully In Display

Our Products



The Dandy chair
\$0.00 ~~\$150.00~~



Vase Set
\$0.00 ~~\$150.00~~



Marble Ease
\$0.00 ~~\$419.00~~



Wood Chair
\$0.00 ~~\$100.00~~



Zen Table
\$0.00 ~~\$250.00~~



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