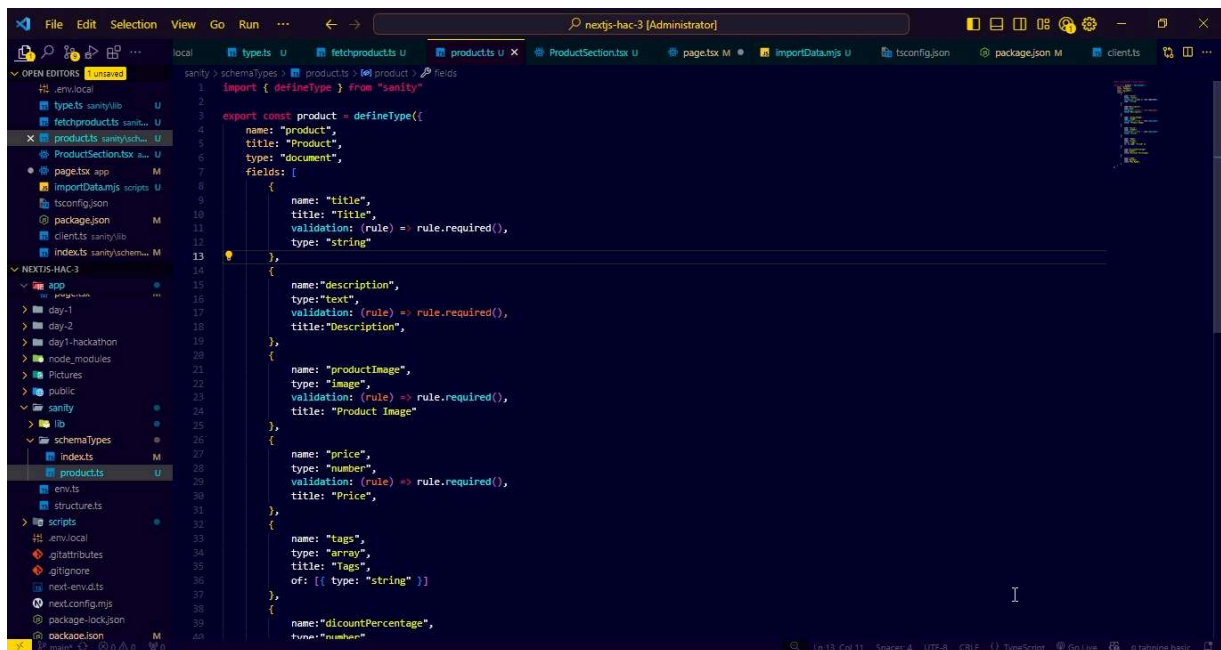**PREPARED BY AYESHA AKBAR**

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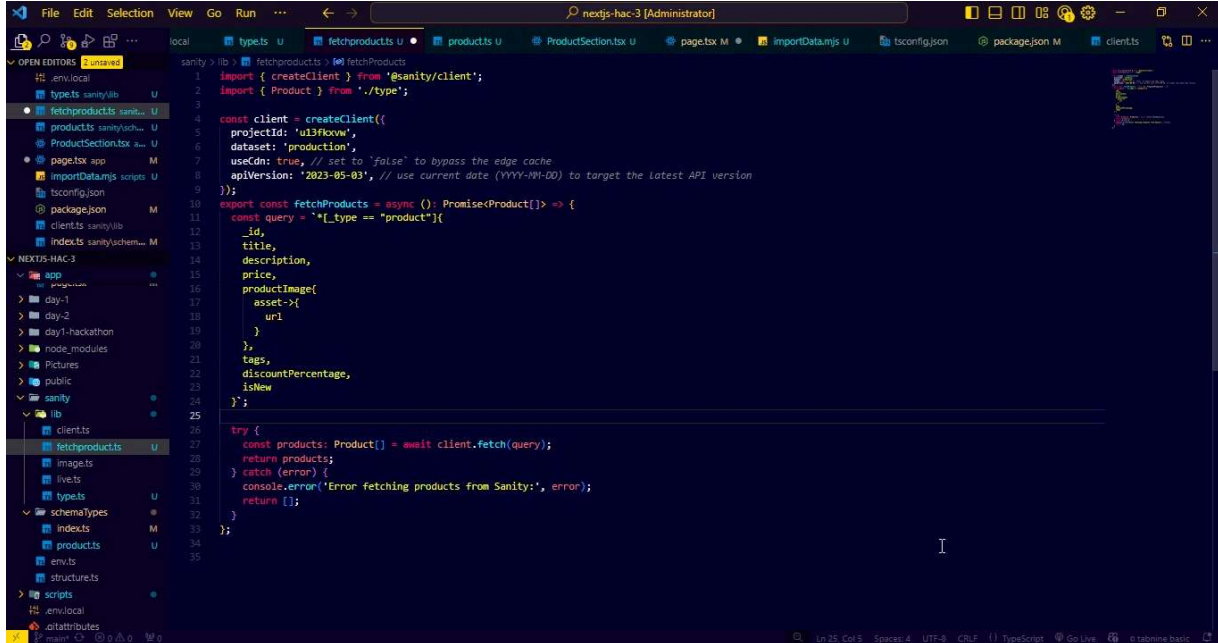*Incorporated features for better data management , such as discount handling and image hotspot capabilities.*

PREPARED BY AYESHA AKBAR

Query

```typescript
import { createClient } from '@sanity/client';
import { Product } from './type';

const client = createClient({
  projectId: 'u13fkxvw',
  dataset: 'production',
  useCdn: true, // set to `false` to bypass the edge cache
  apiVersion: '2023-05-03', // use current date (YYYY-MM-DD) to target the latest API version
});
export const fetchProducts = async (): Promise<Product[]> => {
  const query = `*[_type == "product"]{
    _id,
    title,
    description,
    price,
    productImage{
      asset->{
        url
      }
    },
    tags,
    discountPercentage,
    isNew
  }`;

  try {
    const products: Product[] = await client.fetch(query);
    return products;
  } catch (error) {
    console.error('Error fetching products from Sanity:', error);
    return [];
  }
};
```

PREPARED BY AYESHA AKBAR

Data in Sanity
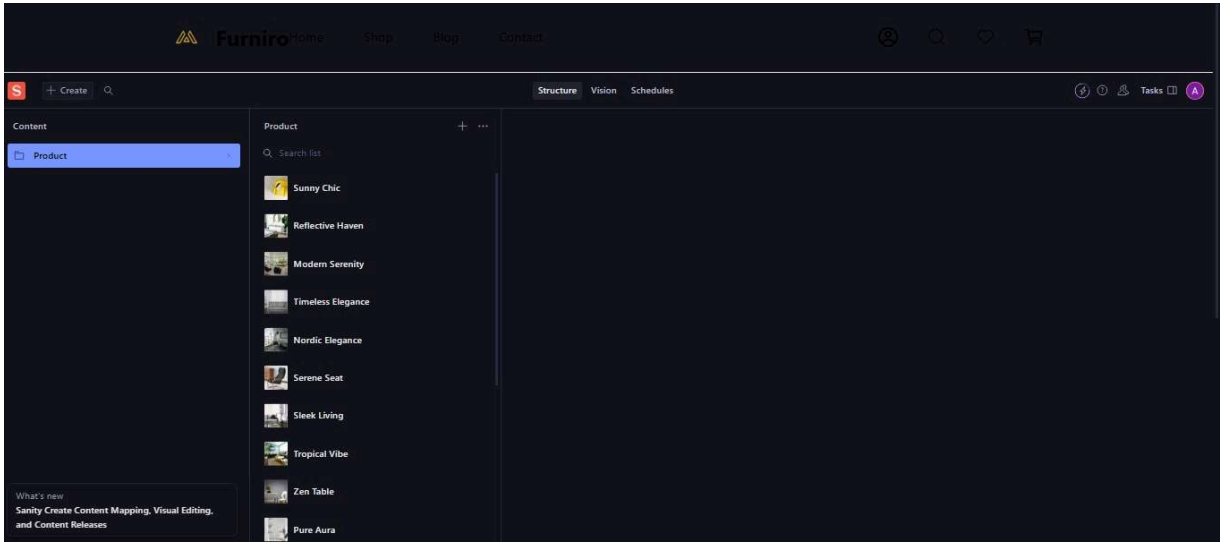
PREPARED BY AYESHA AKBAR

Data Successfully In Display

Our Products

The Dandy chair	**Vase Set**	**Marble Ease**	**Wood Chair**	**Zen Table**
$0.00 $150.00	$0.00 $150.00	$0.00 $419.00	$0.00 $100.00	$0.00 $250.00

PREPARED BY AYESHA AKBAR