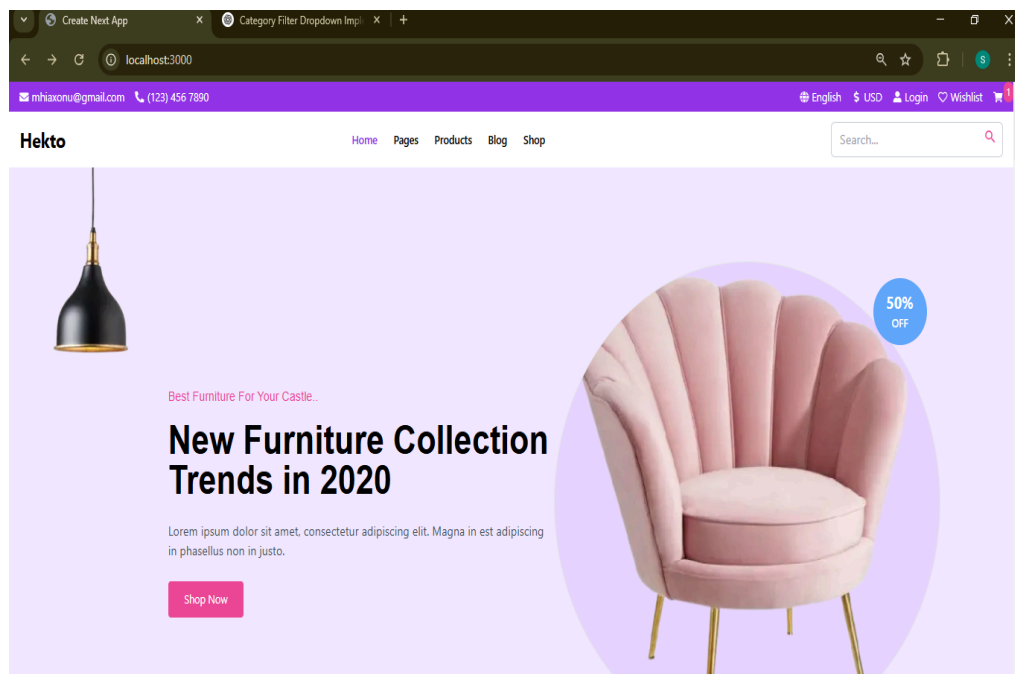# HACKATHON DAY:3

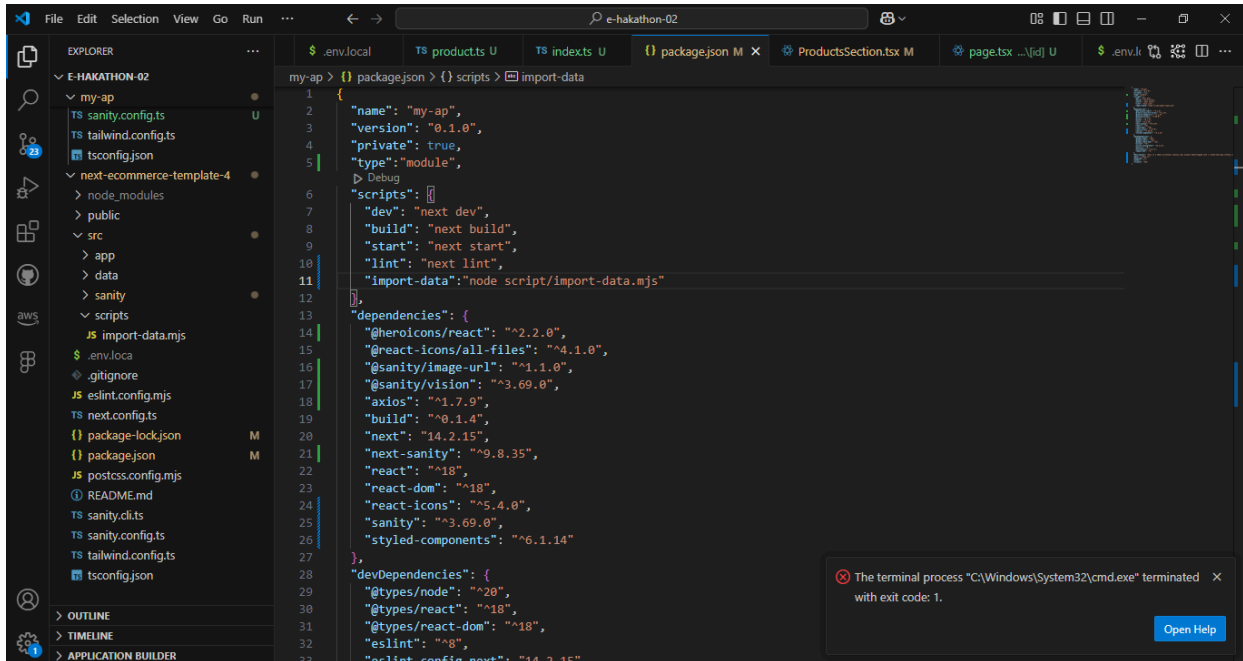## WORK SUMMARY MY ECOMMERCE WEBSITE

Template :4

Data integration using Sanity.io with core functionality
Enhance the e-commerce project by implementing.

Step 1: Set Up Sanity

Install and initialize Sanity in your project.
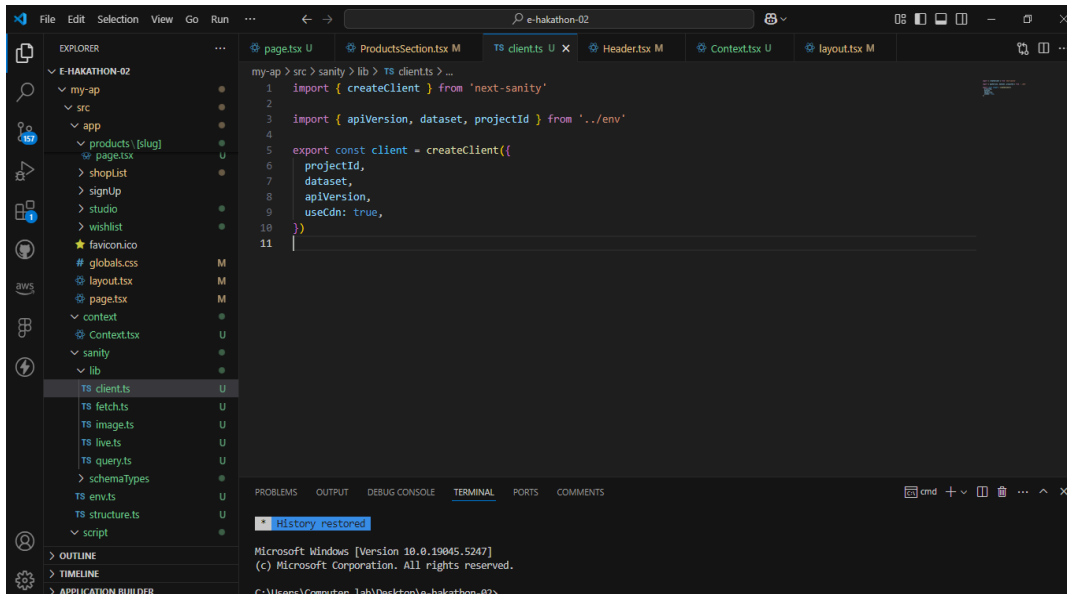 Define your content schema in Sanity Studio.
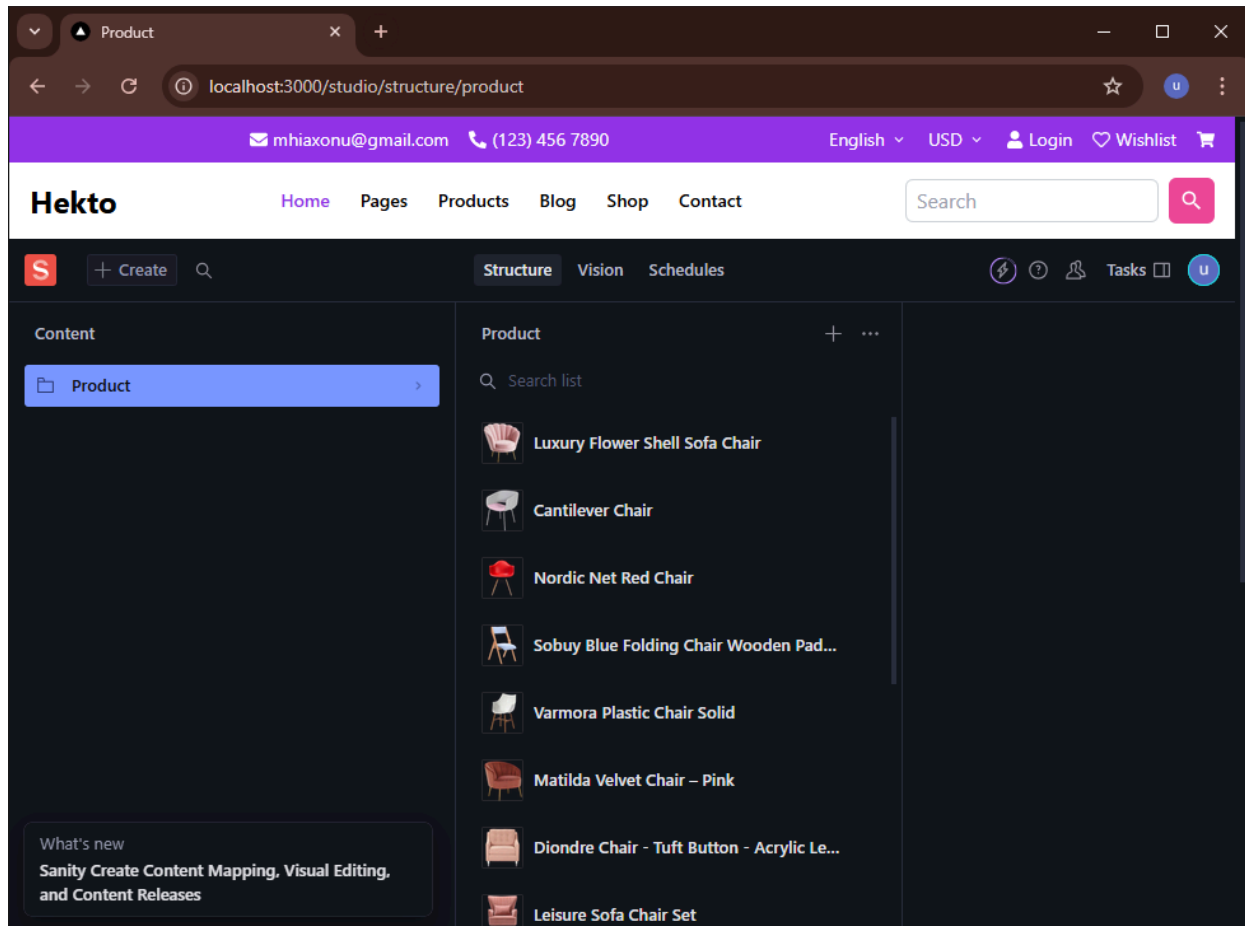Deploy your Sanity Studio to manage content management..

Step 2: Install and Configure Sanity Client in Next.js

Install the Sanity client in my Next.js project.
Create a configuration file to connect with my Sanity project.
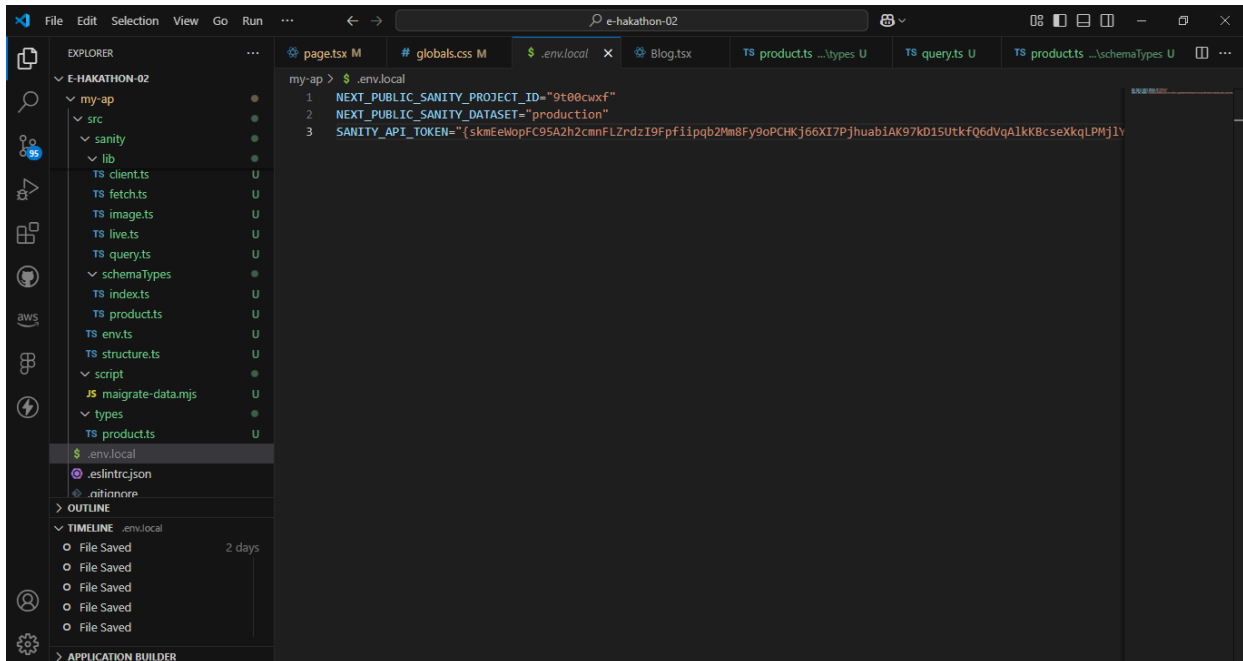
Data successfully add in Sanity.io

the .env.local file, the Sanity project ID and API token are added to securely connect Next.js with Sanity.

SANITY_PROJECT_ID stores the unique project ID from Sanity.
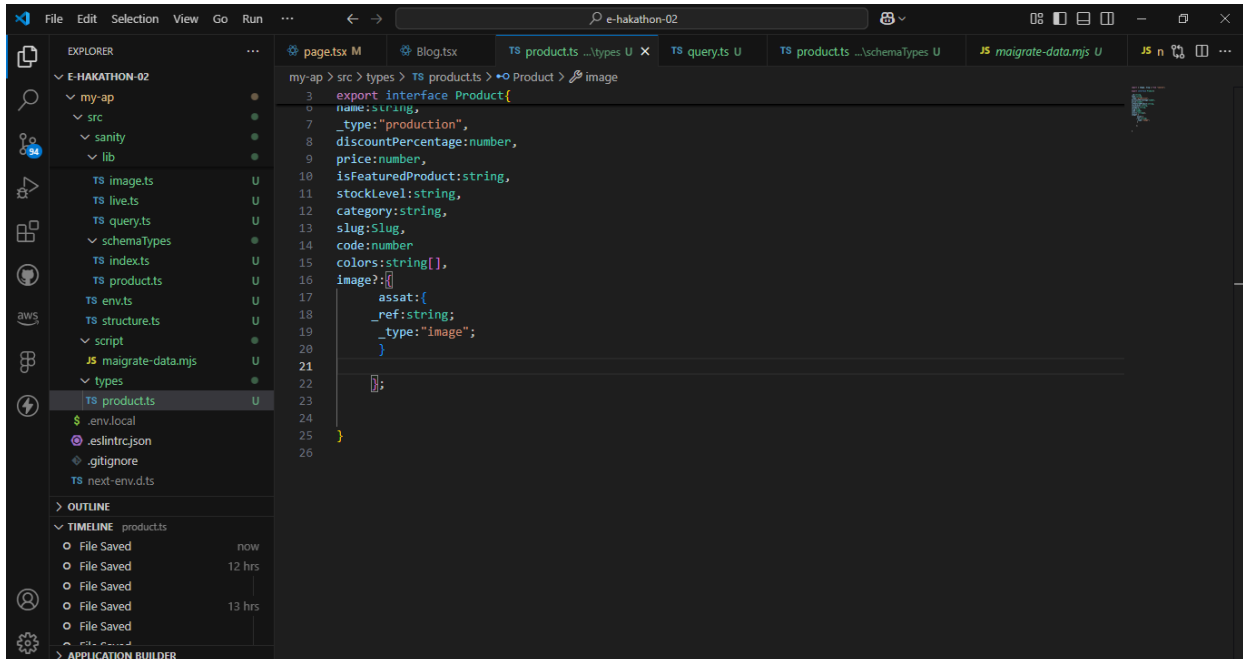**SANITY_API_TOKEN** is a secret token used for authenticated requests.
These environment variables keep sensitive data secure and should not be shared publicly
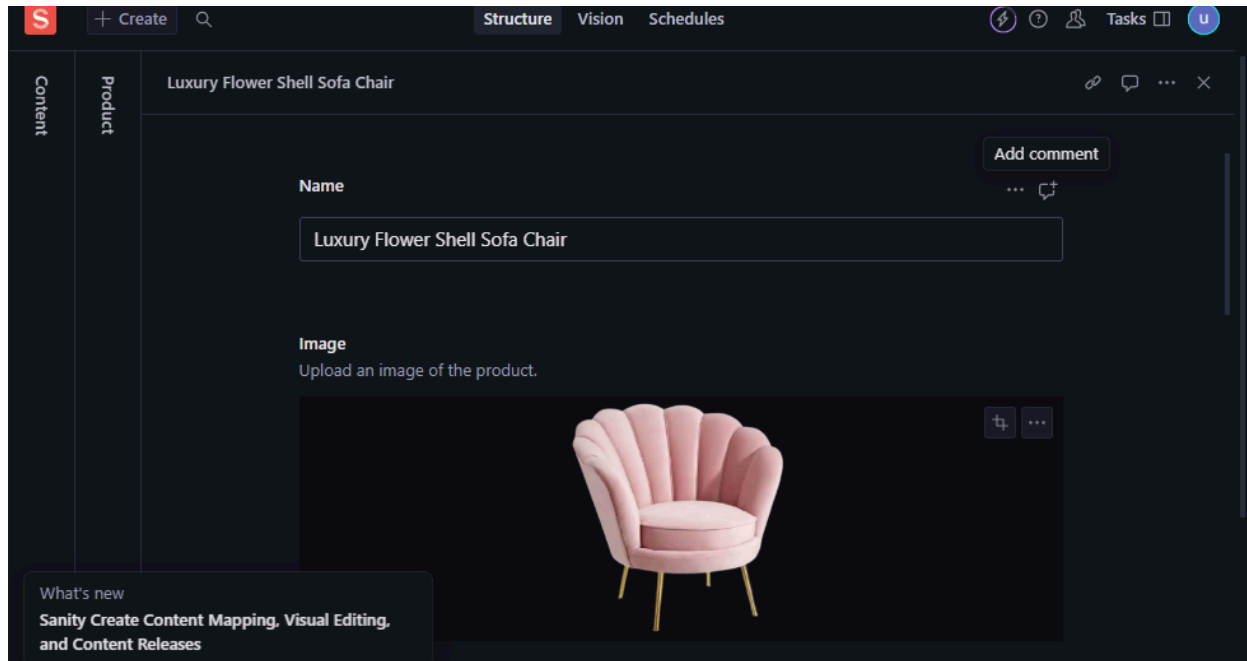
Define types for type safty ….

In the sanity.ts or types.ts file, TypeScript types are defined to ensure type safety when working with Sanity data. These types help in structuring the fetched content properly.

```
export interface Product{
  name:string,
  _type:"production",
  discountPercentage:number,
  price:number,
  isFeaturedProduct:string,
  stockLevel:string,
  category:string,
  slug:Slug,
  code:number
  colors:string[],
  image?:{
      assat:{
      _ref:string,
      _type:"image";
      }
  };
};
}
```
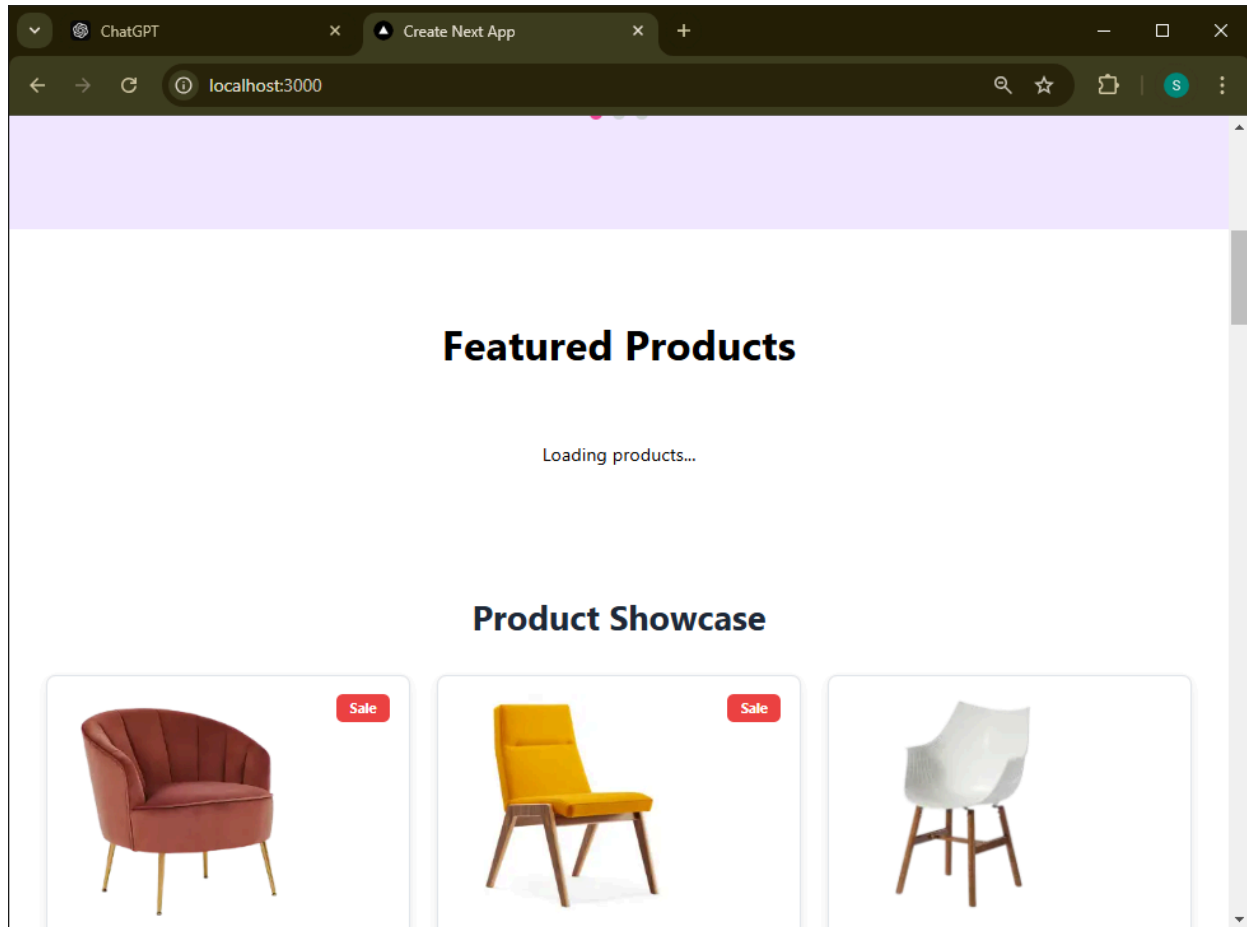
My product image:

It will dynamically render product details, including names, prices, and images. Users will see updated content whenever new data is added to Sanity.

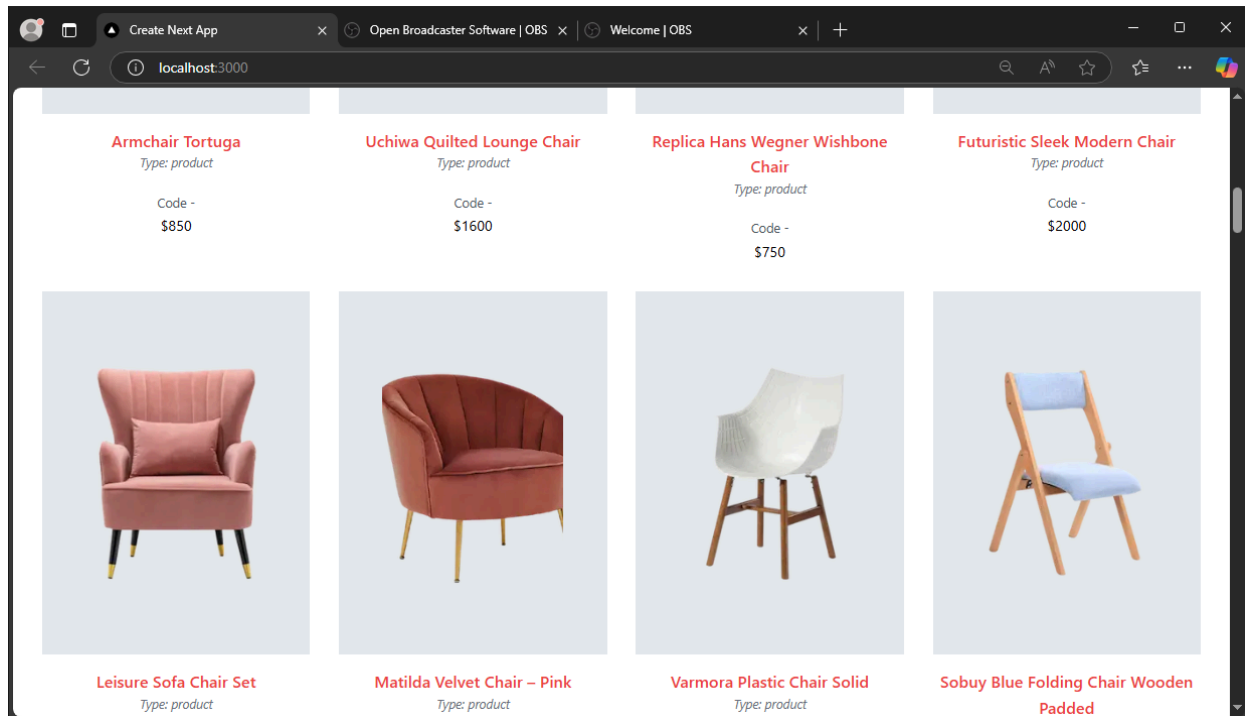Loading message show when the api is in processing..

Four product displays from sanity.io through API..

The data will be displayed on the UI after being successfully fetched.

All products are displayed on ui from sanity API…

The task has been successfully completed. All required steps, types, and configurations for fetching and displaying data from Sanity in Next.js have been explained..

Prepared by Seher Zahida
Slots: Tuesday 2 to 5
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