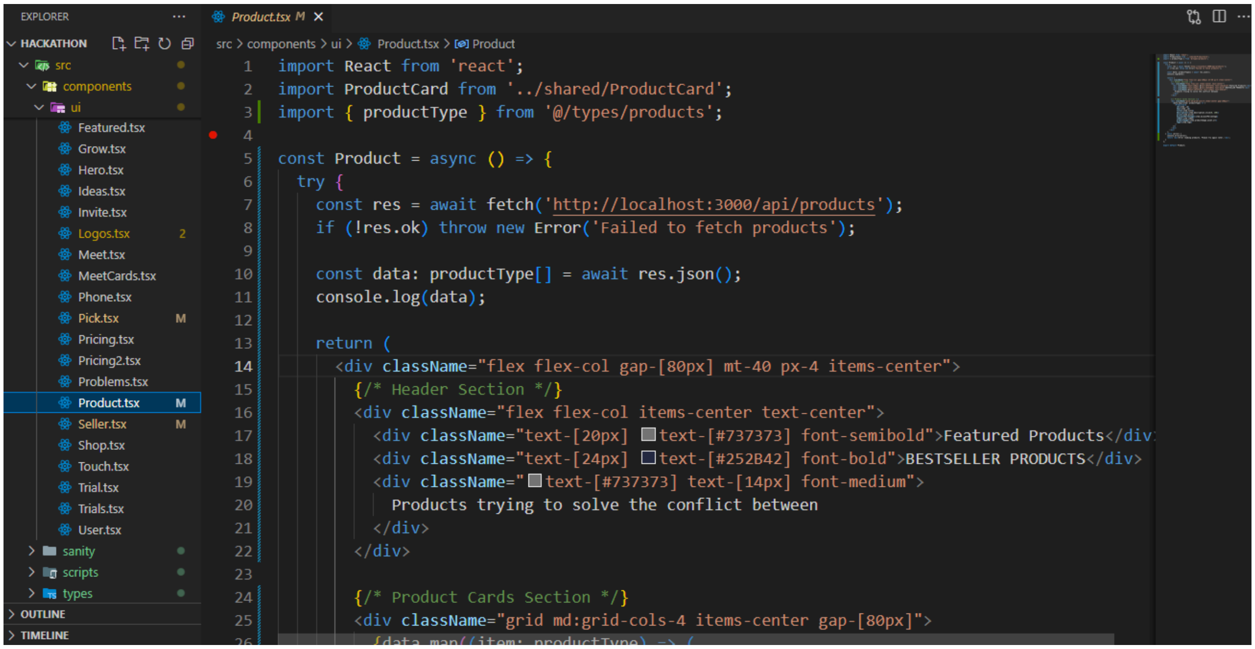
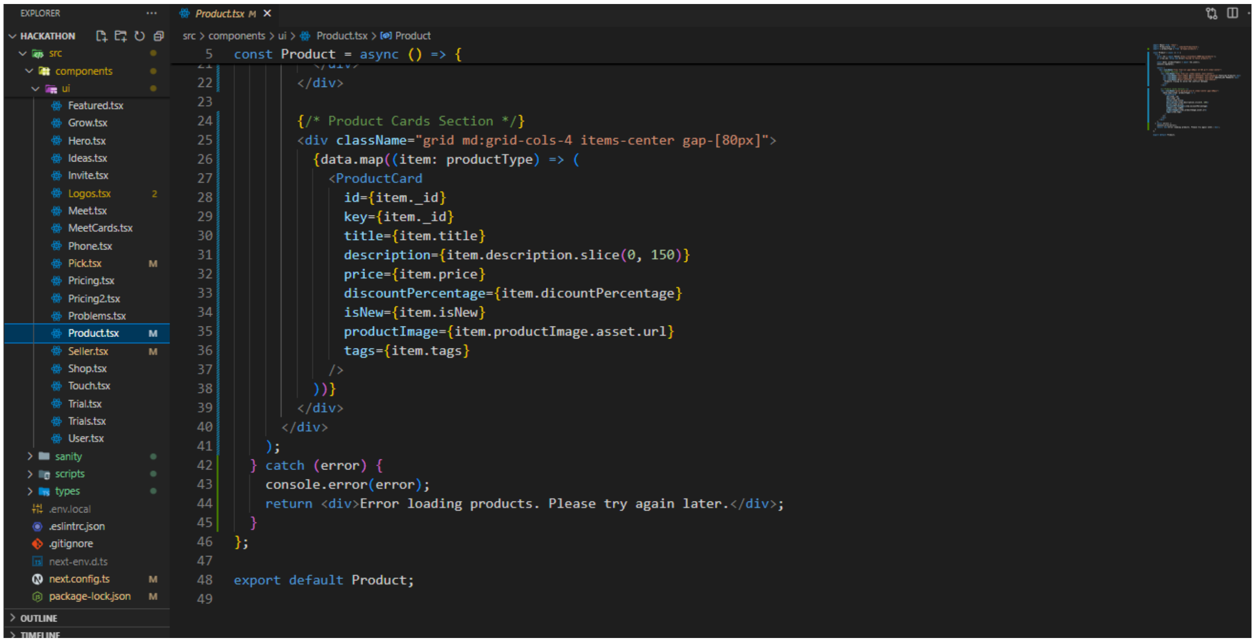
Building Frontend Dynamic Components

1. Dynamic Product Listing Component:

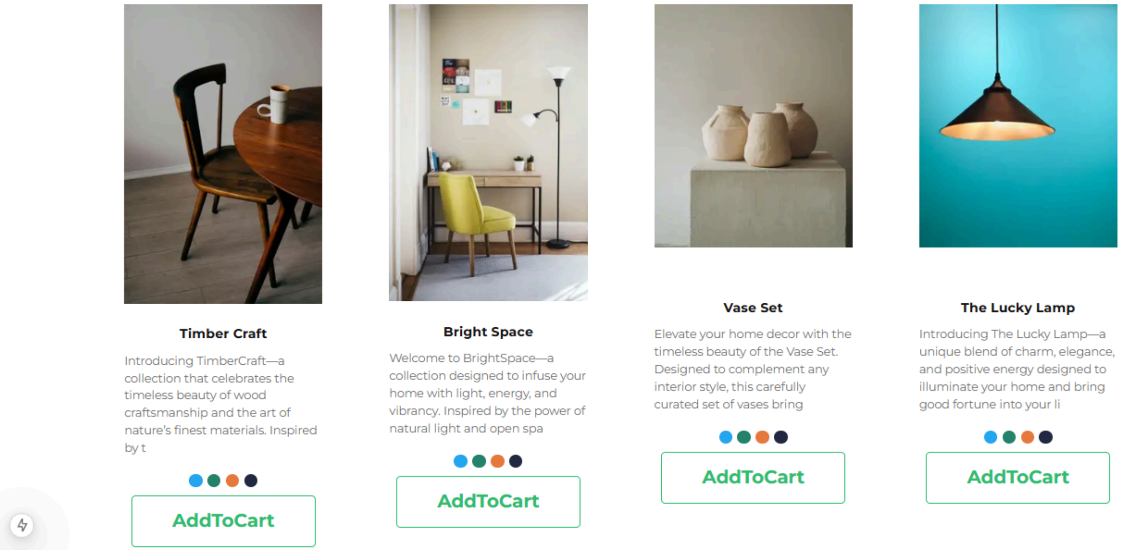
I have fetched product from my Sanity cms through endpoint /product and then fetched products through GROQ query and then displayed product to Frontend.



```
import React from 'react';
import ProductCard from '../shared/ProductCard';
import { productType } from '@/types/products';

const Product = async () => {
  try {
    const res = await fetch('http://localhost:3000/api/products');
    if (!res.ok) throw new Error('Failed to fetch products');

    const data: productType[] = await res.json();
    console.log(data);

    return (
      <div className="flex flex-col gap-[80px] mt-40 px-4 items-center">
        {/* Header Section */}
        <div className="flex flex-col items-center text-center">
          <div className="text-[20px] text-[#737373] font-semibold">Featured Products</div
          <div className="text-[24px] text-[#252B42] font-bold">BESTSELLER PRODUCTS</div>
          <div className="text-[#737373] text-[14px] font-medium">
            Products trying to solve the conflict between
          </div>
        </div>

        {/* Product Cards Section */}
        <div className="grid md:grid-cols-4 items-center gap-[80px]">
          {data.map((item: productType) => (
```



```
const Product = async () => {
        </div>

        {/* Product Cards Section */}
        <div className="grid md:grid-cols-4 items-center gap-[80px]">
          {data.map((item: productType) => (
            <ProductCard
              id={item._id}
              key={item._id}
              title={item.title}
              description={item.description.slice(0, 150)}
              price={item.price}
              discountPercentage={item.dicountPercentage}
              isNew={item.isNew}
              productImage={item.productImage.asset.url}
              tags={item.tags}
            />
          ))}
        </div>
      </div>
    );
  } catch (error) {
    console.error(error);
    return <div>Error loading products. Please try again later.</div>;
  }
};

export default Product;
```



Timber Craft

Introducing TimberCraft—a collection that celebrates the timeless beauty of wood craftsmanship and the art of nature's finest materials. Inspired by t

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AddToCart

Bright Space

Welcome to BrightSpace—a collection designed to infuse your home with light, energy, and vibrancy. Inspired by the power of natural light and open spa

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AddToCart

Vase Set

Elevate your home decor with the timeless beauty of the Vase Set. Designed to complement any interior style, this carefully curated set of vases bring

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AddToCart

The Lucky Lamp

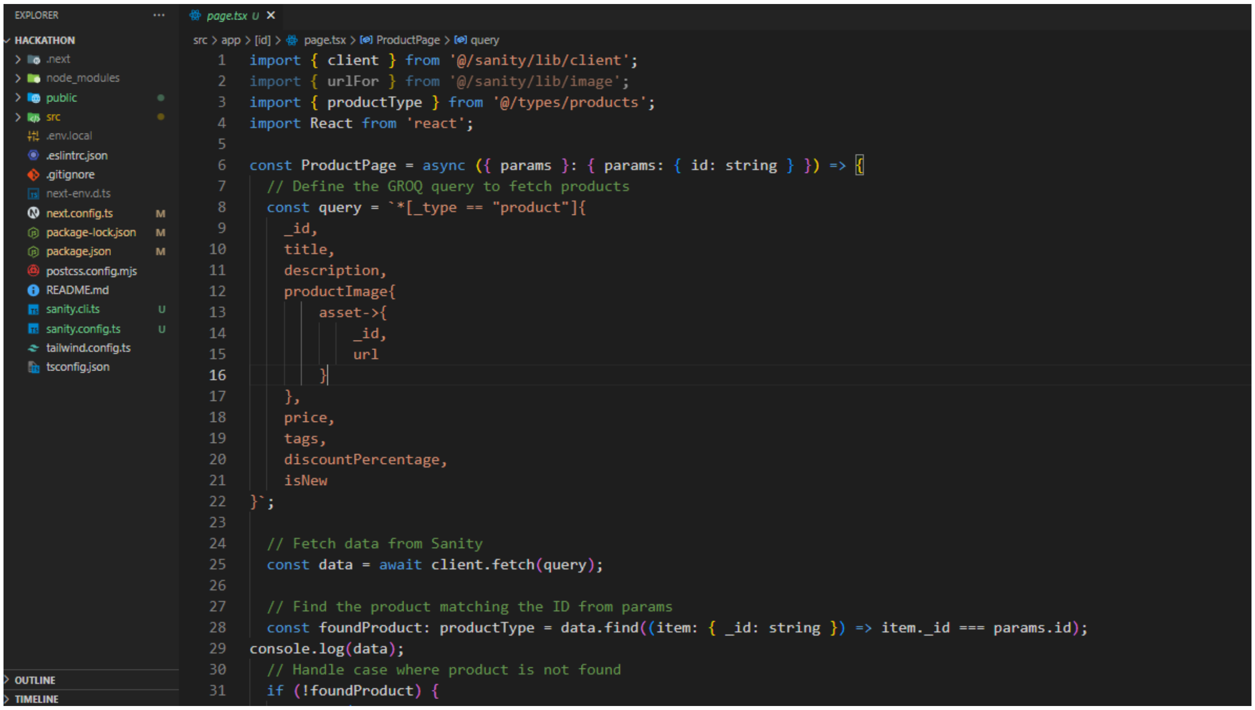
Introducing The Lucky Lamp—a unique blend of charm, elegance, and positive energy designed to illuminate your home and bring good fortune into your li

●●●●

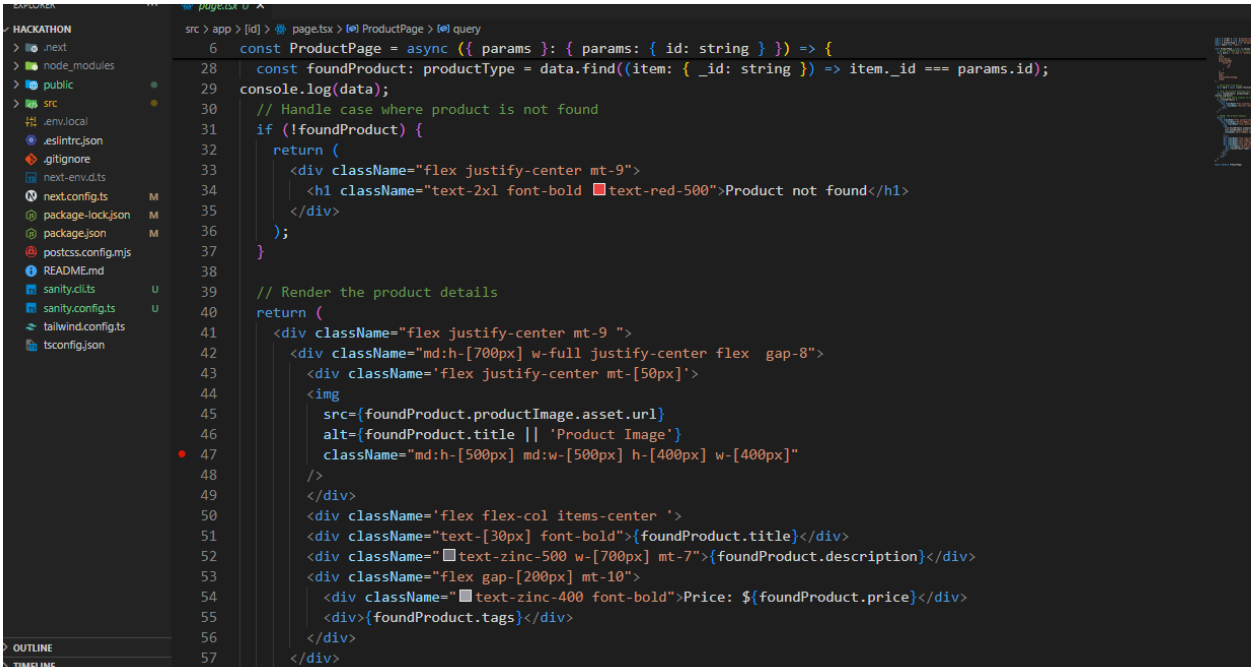
AddToCart

Dynamic Products Details Components:

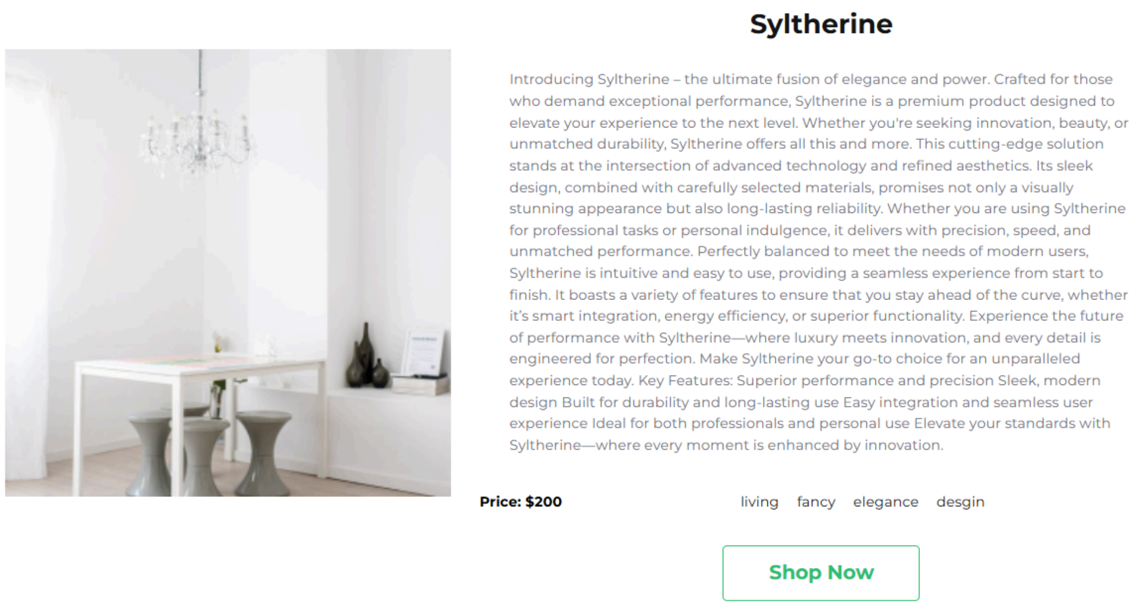
Then, I dynamically fetched each product through api and GROQ query.



```
import { client } from '@/sanity/lib/client';
import { urlFor } from '@/sanity/lib/image';
import { productType } from '@/types/products';
import React from 'react';

const ProductPage = async ({ params }: { params: { id: string } }) => {
  // Define the GROQ query to fetch products
  const query = `*[_type == "product"]{
    _id,
    title,
    description,
    productImage{
        asset->{
            _id,
            url
        }
    },
    price,
    tags,
    discountPercentage,
    isNew
}`;

  // Fetch data from Sanity
  const data = await client.fetch(query);

  // Find the product matching the ID from params
  const foundProduct: productType = data.find((item: { _id: string }) => item._id === params.id);
console.log(data);
  // Handle case where product is not found
  if (!foundProduct) {
```



```
const ProductPage = async ({ params }: { params: { id: string } }) => {
  const foundProduct: productType = data.find((item: { _id: string }) => item._id === params.id);
console.log(data);
  // Handle case where product is not found
  if (!foundProduct) {
    return (
      <div className="flex justify-center mt-9">
        <h1 className="text-2xl font-bold text-red-500">Product not found</h1>
      </div>
    );
  }

  // Render the product details
  return (
    <div className="flex justify-center mt-9 ">
      <div className="md:h-[700px] w-full justify-center flex  gap-8">
        <div className='flex justify-center mt-[50px]'>
        <img
          src={foundProduct.productImage.asset.url}
          alt={foundProduct.title || 'Product Image'}
          className="md:h-[500px] md:w-[500px] h-[400px] w-[400px]"
        />
        </div>
        <div className='flex flex-col items-center '>
        <div className="text-[30px] font-bold">{foundProduct.title}</div>
        <div className="text-zinc-500 w-[700px] mt-7">{foundProduct.description}</div>
        <div className="flex gap-[200px] mt-10">
          <div className="text-zinc-400 font-bold">Price: ${foundProduct.price}</div>
          <div>{foundProduct.tags}</div>
        </div>
      </div>
```



Syltherine

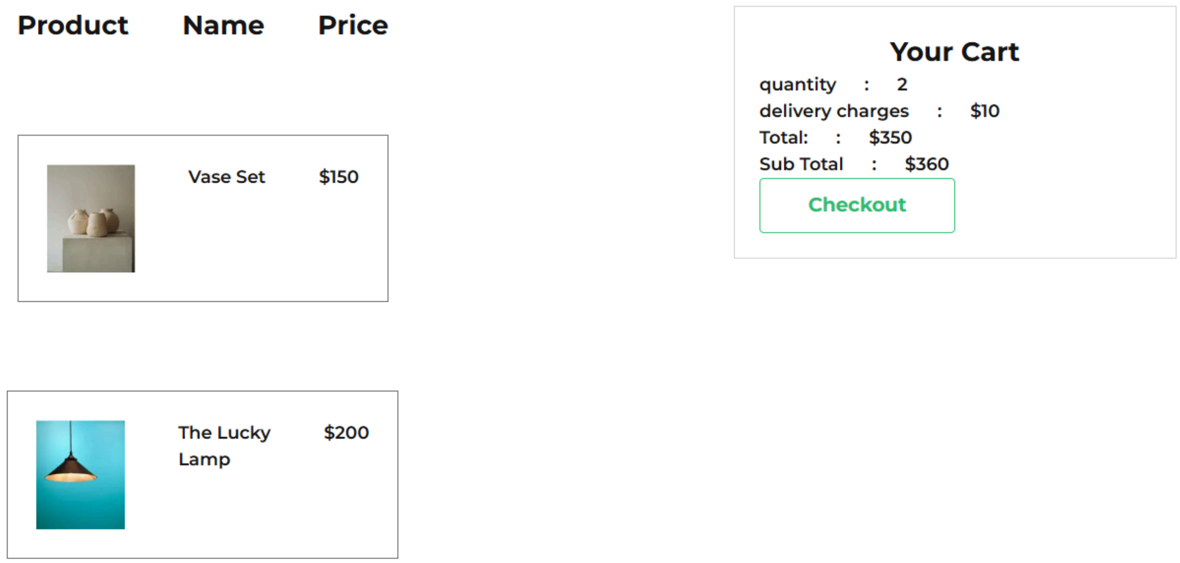
Introducing Syltherine – the ultimate fusion of elegance and power. Crafted for those who demand exceptional performance, Syltherine is a premium product designed to elevate your experience to the next level. Whether you're seeking innovation, beauty, or unmatched durability, Syltherine offers all this and more. This cutting-edge solution stands at the intersection of advanced technology and refined aesthetics. Its sleek design, combined with carefully selected materials, promises not only a visually stunning appearance but also long-lasting reliability. Whether you are using Syltherine for professional tasks or personal indulgence, it delivers with precision, speed, and unmatched performance. Perfectly balanced to meet the needs of modern users, Syltherine is intuitive and easy to use, providing a seamless experience from start to finish. It boasts a variety of features to ensure that you stay ahead of the curve, whether it's smart integration, energy efficiency, or superior functionality. Experience the future of performance with Syltherine—where luxury meets innovation, and every detail is engineered for perfection. Make Syltherine your go-to choice for an unparalleled experience today. Key Features: Superior performance and precision Sleek, modern design Built for durability and long-lasting use Easy integration and seamless user experience Ideal for both professionals and personal use Elevate your standards with Syltherine—where every moment is enhanced by innovation.

Price: $200

living fancy elegance desgin

Cart Items:

Then, I have mage an api post data into sanity cms and have made schema. After that , I have fetched added cart items.



Product	Name	Price
	Vase Set	$150
	The Lucky Lamp	$200

Your Cart

quantity : 2
delivery charges : $10
Total: : $350
Sub Total : $360