


Day 4: Implementation Report by Rida

(Roll No:00257996)

- Product Listing:

Products From API's Data




Timber Craft

Introducing TimberCraft—a collection that celebrates the timeless beauty of wood craftsmanship and L...

\$320

wooden craftsmanship furniture modern nature inspired

Add To Cart




Syltherine

Introducing Syltherine – the ultimate fusion of elegance and power. Crafted for those who demand exc...

\$200

living fancy elegance design

Add To Cart




The Lucky Lamp

Introducing The Lucky Lamp—a unique blend of charm, elegance, and positive energy designed to illumi...

\$200

lamp lucky decor lighting vintage

Add To Cart



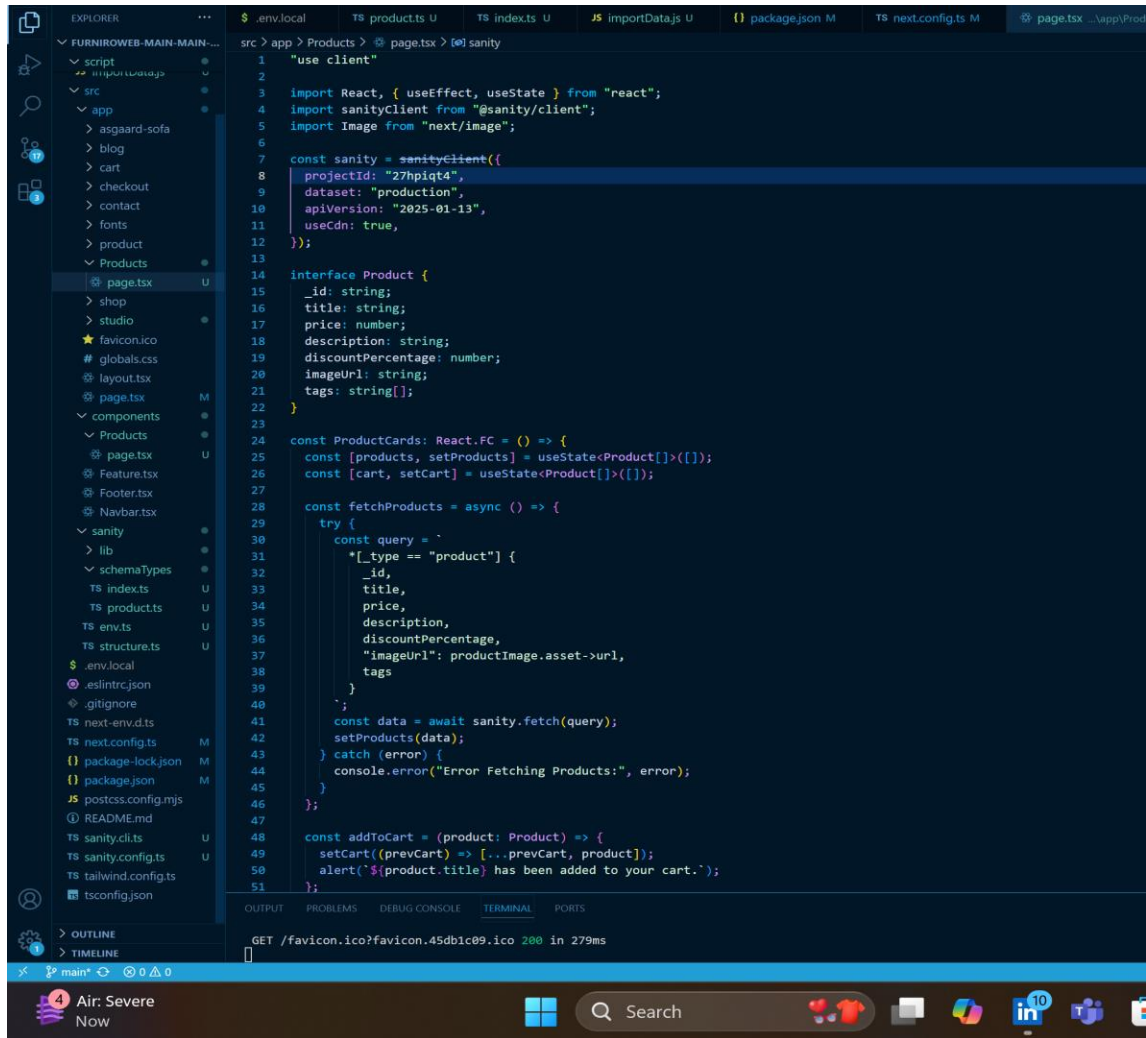
Zen Table

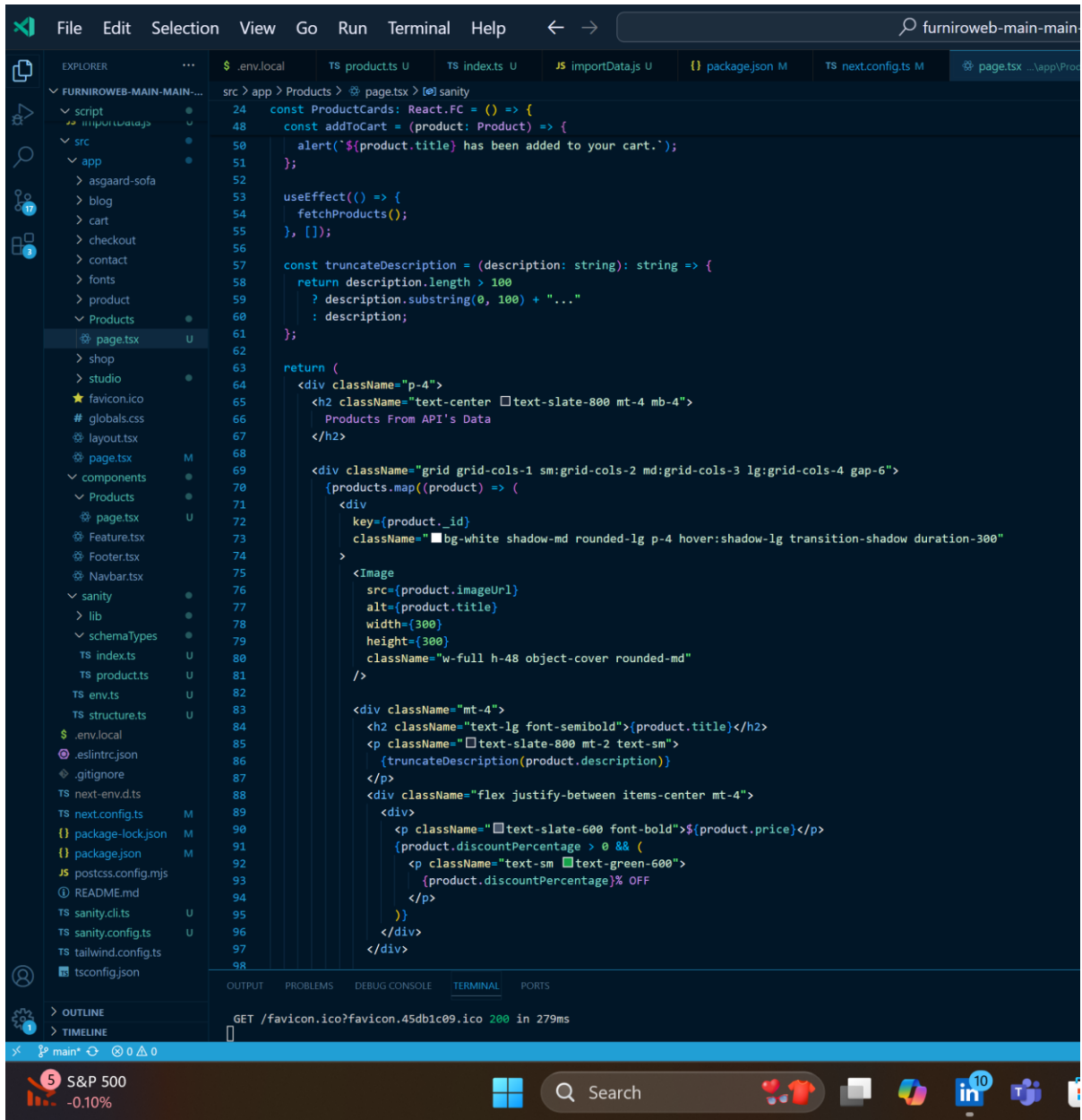
Introduce tranquility and balance home with ZenTable—a beautifully piece designed ...

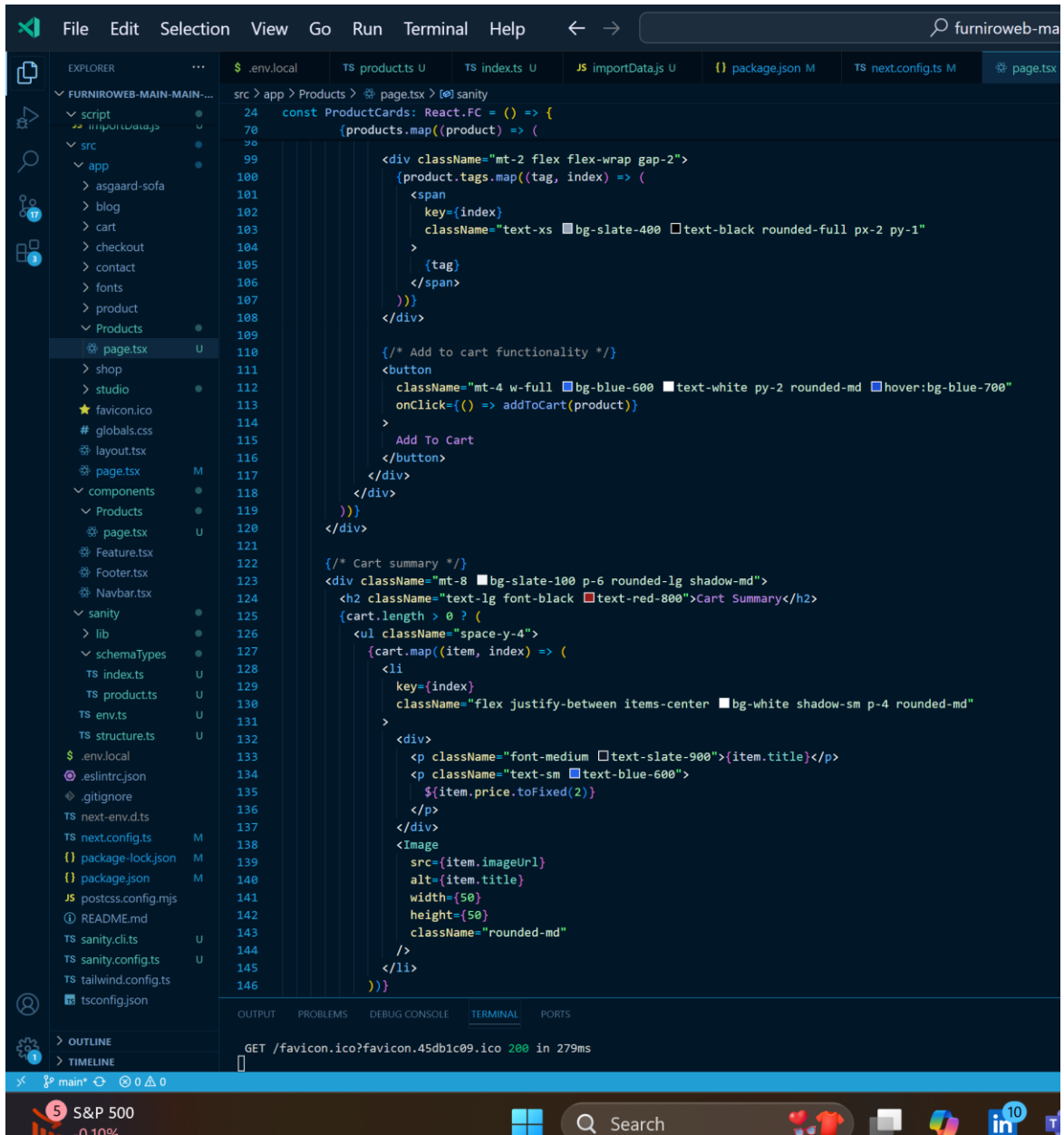
\$250

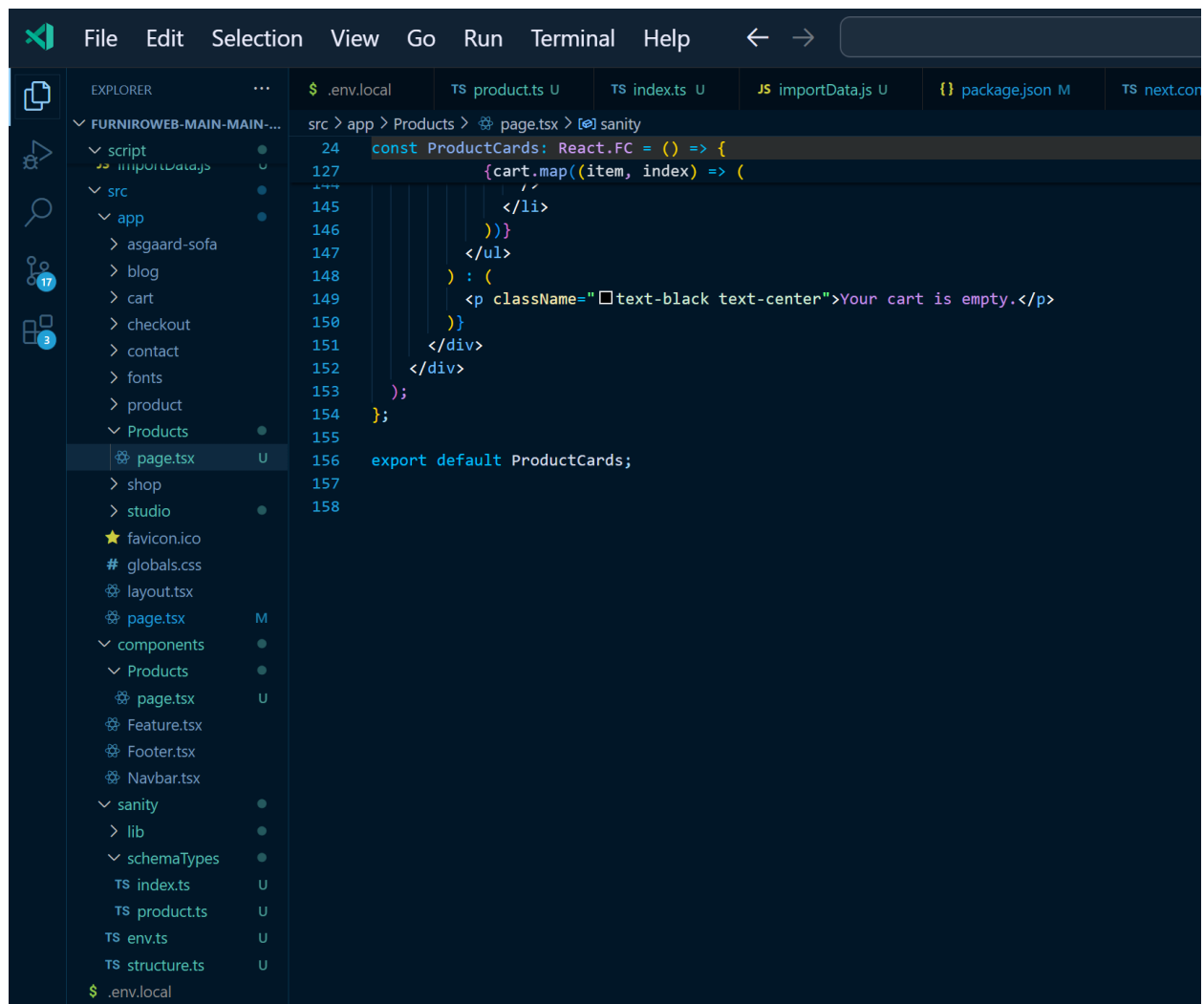
zen table furniture calm

Add To Cart









- Search Bar:



Marble Ease

Introducing MarbleEase—a luxurious collection that brings the timeless elegance of marble into your ...

\$419

marble

luxury

furniture

modern

elegance

Add To Cart

```
99     <div className="mt-2 flex flex-wrap gap-2">
100       {product.tags.map((tag, index) => (
101         <span
102           key={index}
103           className="text-xs bg-slate-400 text-black rounded-full px-2 py-1"
104         >
105           {tag}
106         </span>
107       ))}
108     </div>
109
110     {/* Add to cart functionality */}
111     <button
112       className="mt-4 w-full bg-blue-600 text-white py-2 rounded-md hover:bg-blue-700"
113       onClick={() => addToCart(product)}
114     >
115       Add To Cart
116     </button>
117   </div>
118 </div>
119 ))}
120 </div>
121
122   {/* Cart summary */}
123   <div className="mt-8 bg-slate-100 p-6 rounded-lg shadow-md">
```

OUTPUT PROBLEMS DEBUG CONSOLE TERMINAL PORTS

```
GET /favicon.ico?favicon.45db1c09.ico 200 in 279ms
```

Ln 8, Col 25 Spa

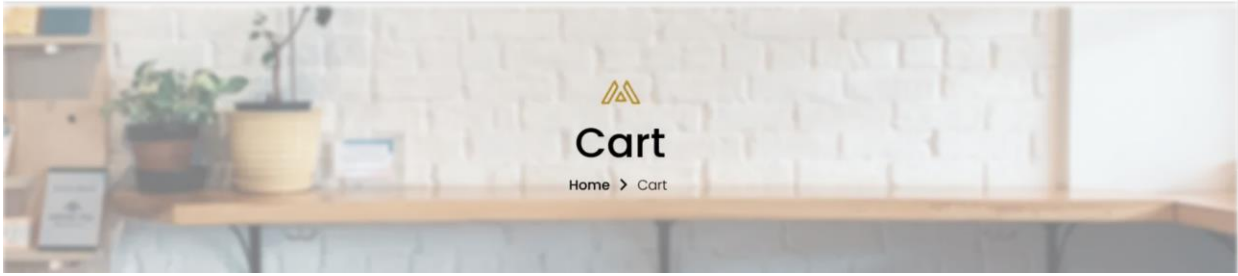




Search



Categories:

1. Cart:



Product	Price	Quantity	Subtotal	
	Asgaard sofa	Rs. 250,000.00	<div>1</div>	Rs. 250,000.00 

Get In Touch With Us

For More Information About Our Product & Services. Please Feel Free To Drop Us
An Email. Our Staff Always Be There To Help You Out. Do Not Hesitate!



Address

236 5th SE Avenue, New York NY10000, United States



Phone

Mobile: +(84) 546-6789

Hotline: +(84) 456-6789



Working Time

Monday-Friday: 9:00 - 22:00

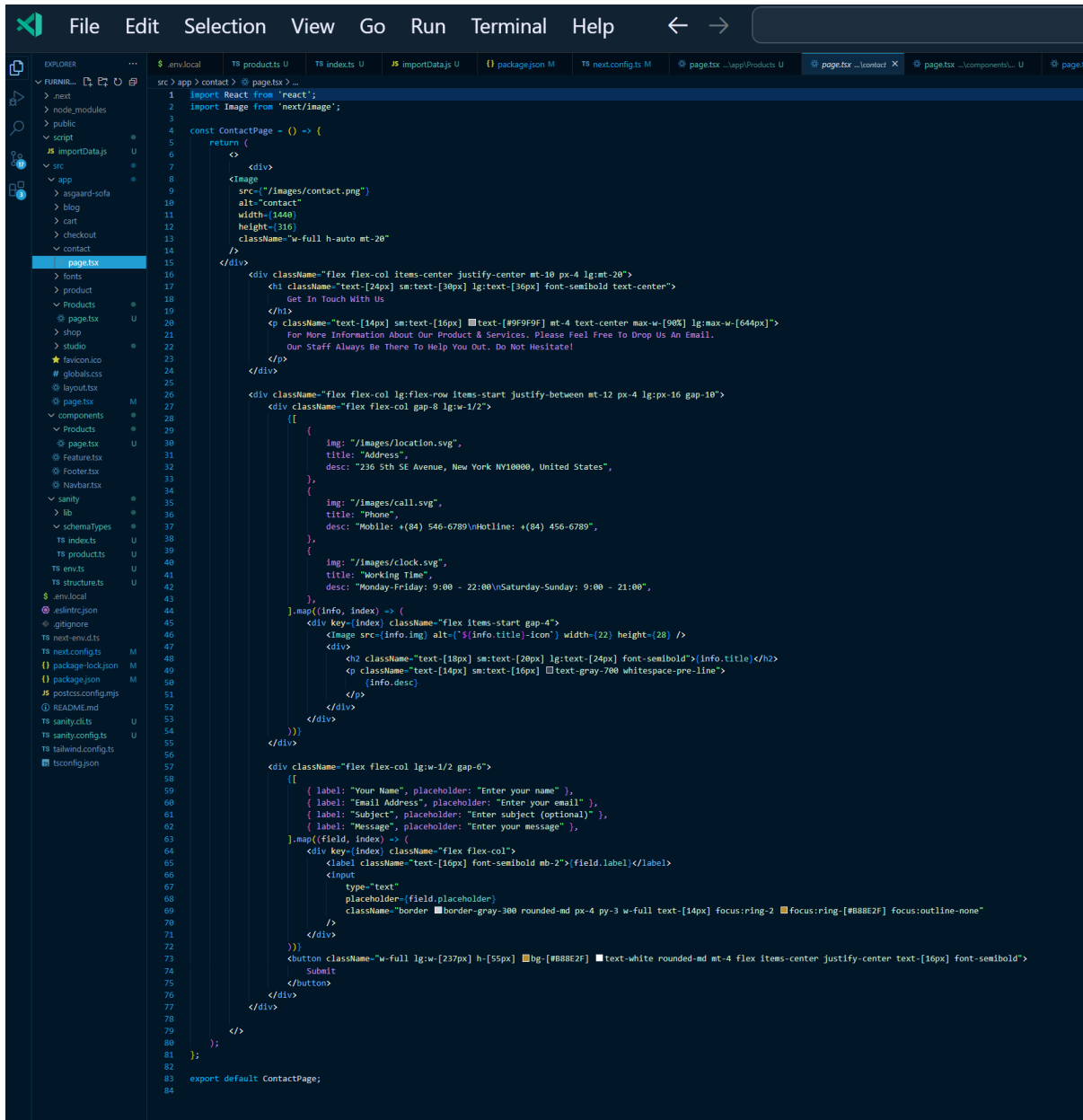
Saturday-Sunday: 9:00 - 21:00

Your Name

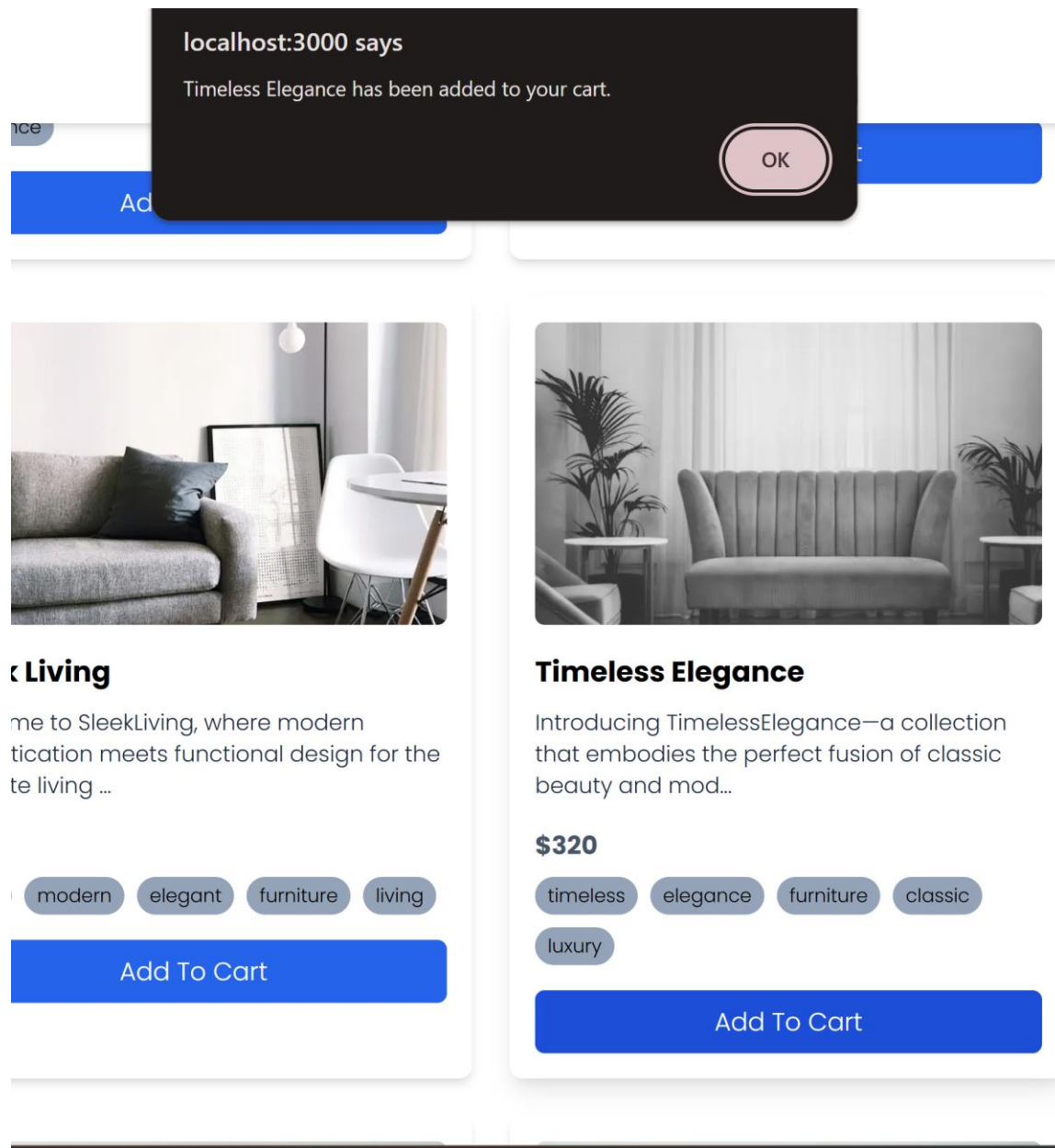
Email Address

Subject

Message



3.Notification:



```
const data = await sanity.fetch(query);
setProducts(data);
} catch (error) {
  console.error("Error Fetching Products:", error);
}
};

const addToCart = (product: Product) => {
  setCart((prevCart) => [...prevCart, product]);
  alert(`${product.title} has been added to your cart.`);
};

useEffect(() => {
  fetchProducts();
}, []);
```

- Dynamic Routing:

<ul style="list-style-type: none"> > .next > node_modules > public ▼ script <ul style="list-style-type: none"> JS importData.js U ▼ src <ul style="list-style-type: none"> ▼ app <ul style="list-style-type: none"> > asgaard-sofa > blog > cart > checkout ▼ contact <ul style="list-style-type: none"> 🔗 page.tsx > fonts > material ▼ Products <ul style="list-style-type: none"> ▼ [id] <ul style="list-style-type: none"> 🔗 page.tsx U 🔗 page.tsx U > shop > studio ★ favicon.ico # globals.css 🔗 layout.tsx 🔗 page.tsx M ▼ components <ul style="list-style-type: none"> ▼ Products <ul style="list-style-type: none"> 🔗 page.tsx U 	<pre> 1 import React from "react"; 2 import { useRouter } from "next/router"; 3 import sanityClient from "@sanity/client"; 4 import Image from "next/image"; 5 6 const sanity = sanityClient({ 7 projectId: "27hpiqt4", 8 dataset: "production", 9 apiVersion: "2025-01-13", 10 useCdn: true, 11 }); 12 13 const ProductDetail: React.FC = () => { 14 const router = useRouter(); 15 const { id } = router.query; 16 17 const [product, setProduct] = React.useState<any>(null); 18 19 React.useEffect(() => { 20 if (id) { 21 const fetchProduct = async () => { 22 const query = ` 23 *[_type == "product" && _id == \$id][0] { 24 title, 25 price, 26 description, 27 discountPercentage, 28 "imageUrl": productImage.asset->url, 29 tags 30 } 31 `; 32 const data = await sanity.fetch(query, { id }); 33 setProduct(data); </pre>
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Backend Development

In backend development, I built a robust system to handle user data, manage product listings, and ensure smooth communication between the frontend and payment gateways.

Payment Gateway Integration

I integrated both PayPal and JazzCash as payment options, offering secure and reliable transaction methods for users. This allows for quick and easy payments across different platforms.

Component Integration: Cart System and Checkout

The cart system allows users to add, remove, and update products, ensuring real-time calculations of total prices and quantities. The checkout process is seamless, with clear steps to finalize orders and select payment methods.

Conclusion

My website is designed to be user-friendly, offering a smooth shopping experience, secure payment options, and an intuitive interface that makes online shopping convenient and easy.