

HACKATHON 3

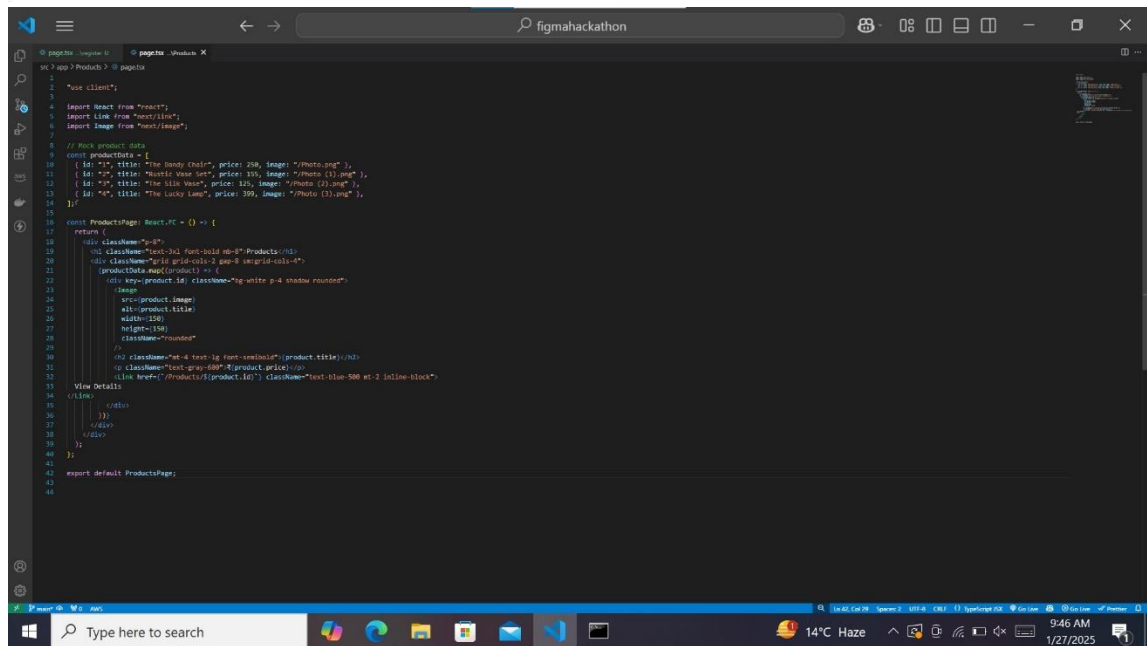
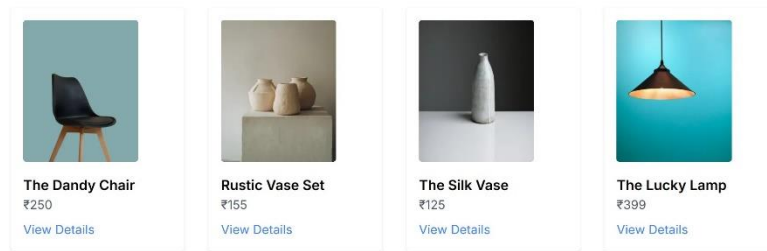
DAY 4

Building Dynamic Frontend Components for Your Marketplace

Name:	Aliza Ghaffar
Roll No:	00481232
Slot:	Friday(morning)

1. Product Listing Component

Products



2. Product Detail Component:



The Dandy Chair

A stylish and comfortable chair perfect for your living room.

Price: ₹250

Add to Cart

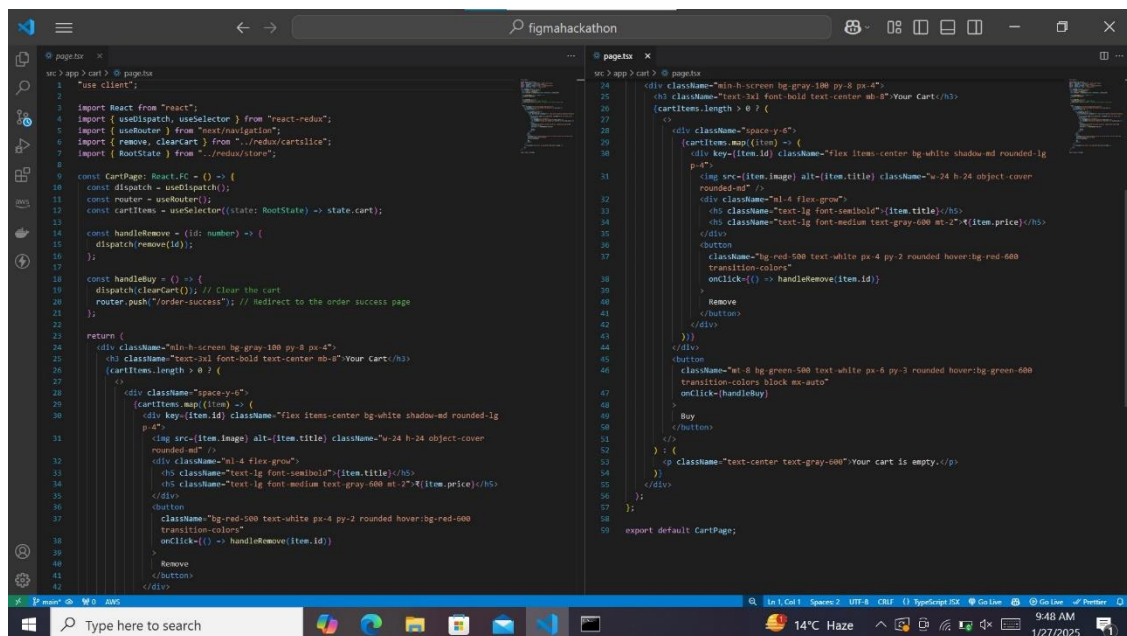
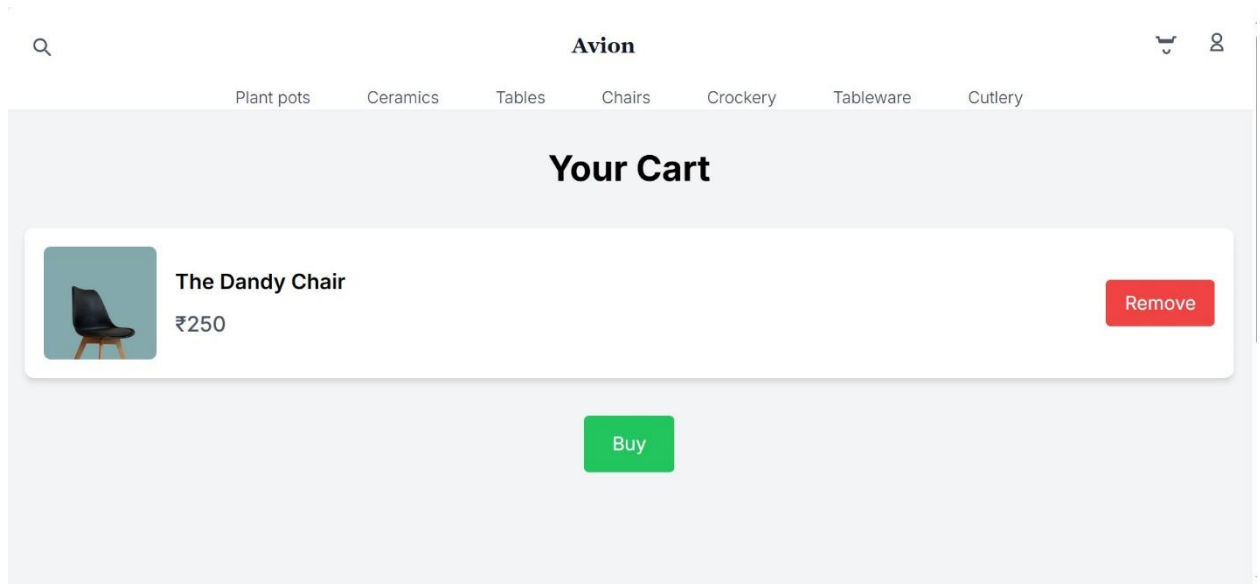
```
src > app > Products > [id] > @ page.jsx
1 "use client";
2
3 import React from "react";
4 import { useDispatch } from "react-redux";
5 import { useParams, useRouter } from "next/navigation";
6 import Image from "next/image";
7 import { add } from "../redux/cartSlice";
8
9 // Mock product data
10 const productData = [
11   { id: 1, title: "The Dandy Chair", price: 250, description: "A stylish and comfortable chair perfect for your living room.", image: "/Photo.png" },
12   { id: 2, title: "Rustic Vase Set", price: 155, description: "Beautifully crafted vases to enhance your home decor.", image: "/Photo (1).png" },
13   { id: 3, title: "The Silk Vase", price: 125, description: "Elegant silk vase with a premium finish.", image: "/Photo (2).png" },
14   { id: 4, title: "The Lucky Lamp", price: 399, description: "A lamp that brings warmth and luck to your home.", image: "/Photo (3).png" },
15 ];
16
17 const ProductDetailsPage: React.FC = () => {
18   const { id } = useParams(); // Get product ID from URL
19   const product = productData.find((item) => item.id === Number(id));
20   const dispatch = useDispatch();
21   const router = useRouter();
22
23   if (!product) {
24     return <p>Product not found</p>;
25   }
26
27   const handleAddToCart = () => {
28     dispatch(add(product)); // Add product to cart
29     router.push("/cart"); // Navigate to the cart page
30   };
31
32   return (
33     <div className="p-8">
34       <div className="grid grid-cols-1 sm:grid-cols-2 gap-8">
35         <div>
36           <Image
37             src={product.image}
38             alt={product.title}
39             width={400}
40             height={300}
41             className="rounded-lg w-full"
42           />
43         </div>
44         <div>
45           <h3>Product Details</h3>
46           <div className="flex flex-col justify-center">
47             <h1 className="text-3xl font-bold mb-4">{product.title}</h1>
48             <p className="text-gray-600 mb-4">{product.description}</p>
49             <p className="text-xl font-semibold text-gray-800 mb-6">Price: ₹{product.price}</p>
50             <button
51               onClick={handleAddToCart}
52               className="bg-blue-500 text-white px-6 py-3 rounded hover:bg-blue-600 transition-colors"
53             >
54               Add to Cart
55             </button>
56           </div>
57         </div>
58       </div>
59     </div>
60   );
61 };
62
63 export default ProductDetailsPage;
```

3. Notification Component:



```
export default function ClientProductPage({ product }: { product: Product }) {  
  const dispatch = useDispatch();  
  
  const handleAddToCart = () => {  
    dispatch(add({ ...product, id: Number(product.id), price: Number(product.price) }));  
    alert("Product added to cart!");  
  };  
}
```

4. Cart Component:



5. User Component:



```
<Link href="/login">  
  <FiUser className="text-2xl cursor-pointer" />  
</Link>
```

6. Login Component:

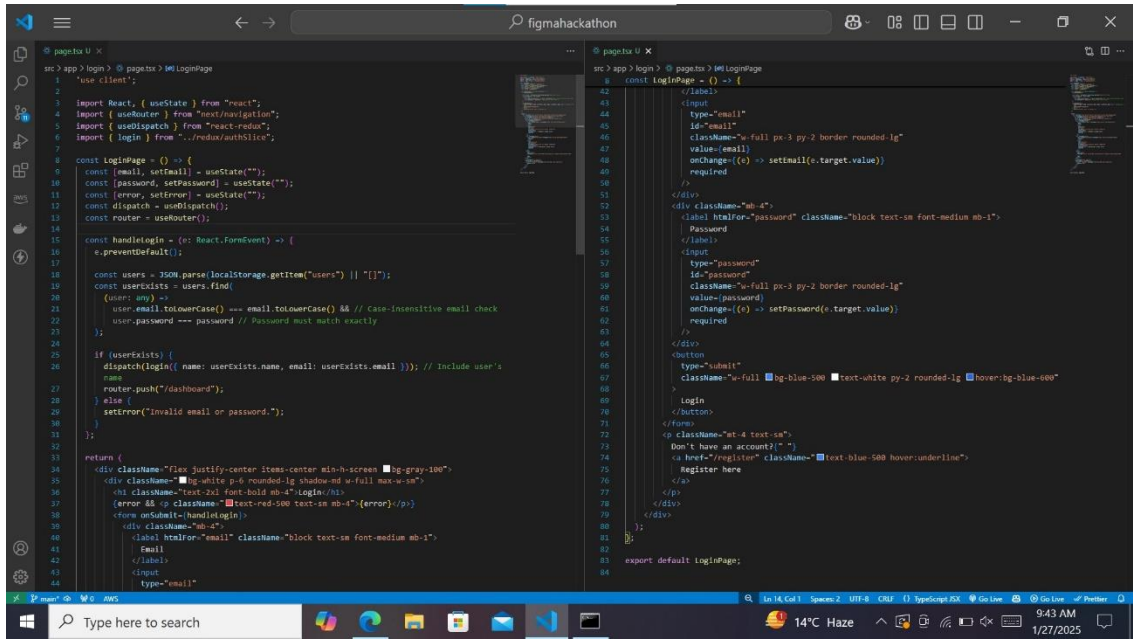
Login

Email

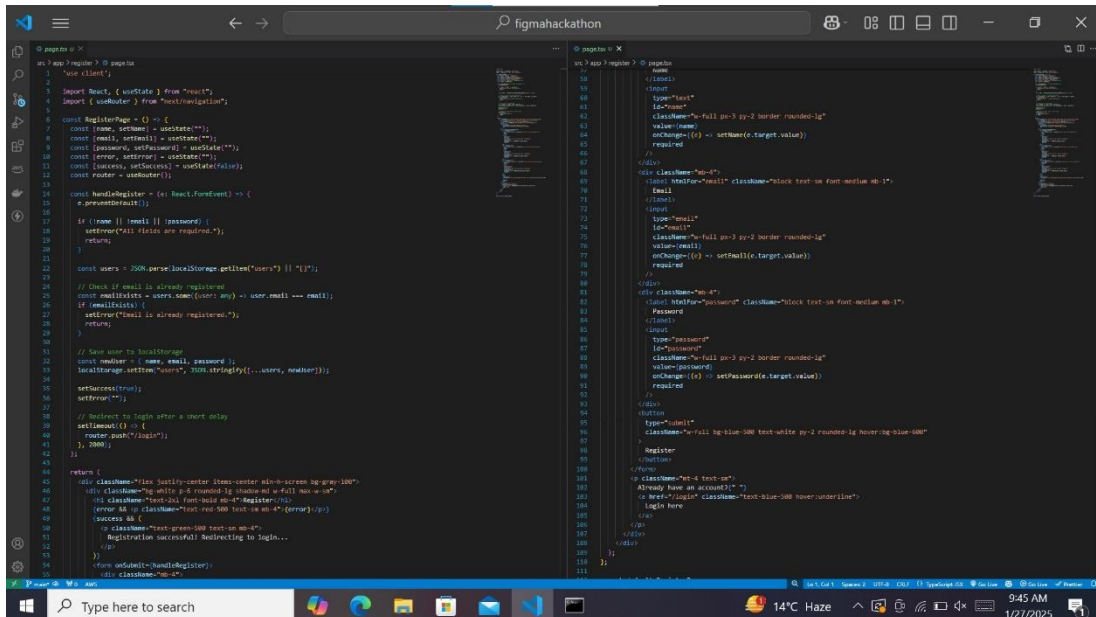
Password

Login

Don't have an account? [Register here](#)



7. Register Component:



Register

Registration successful! Redirecting to login...

Name

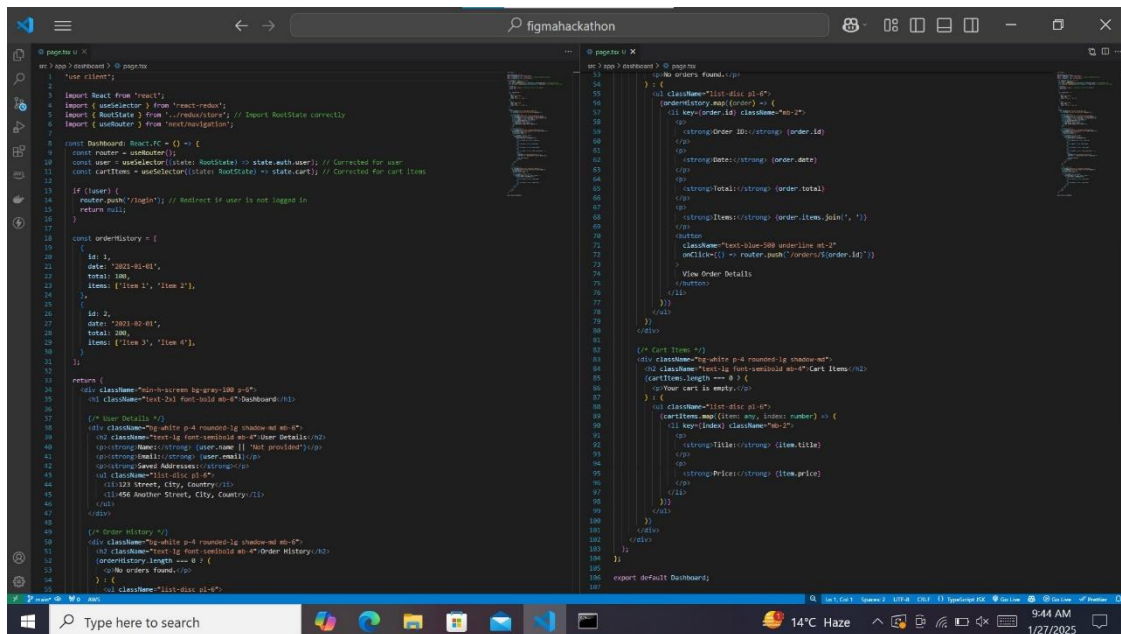
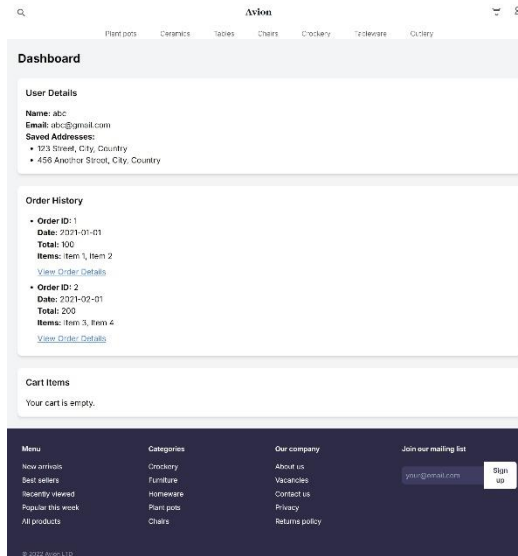
Email

Password

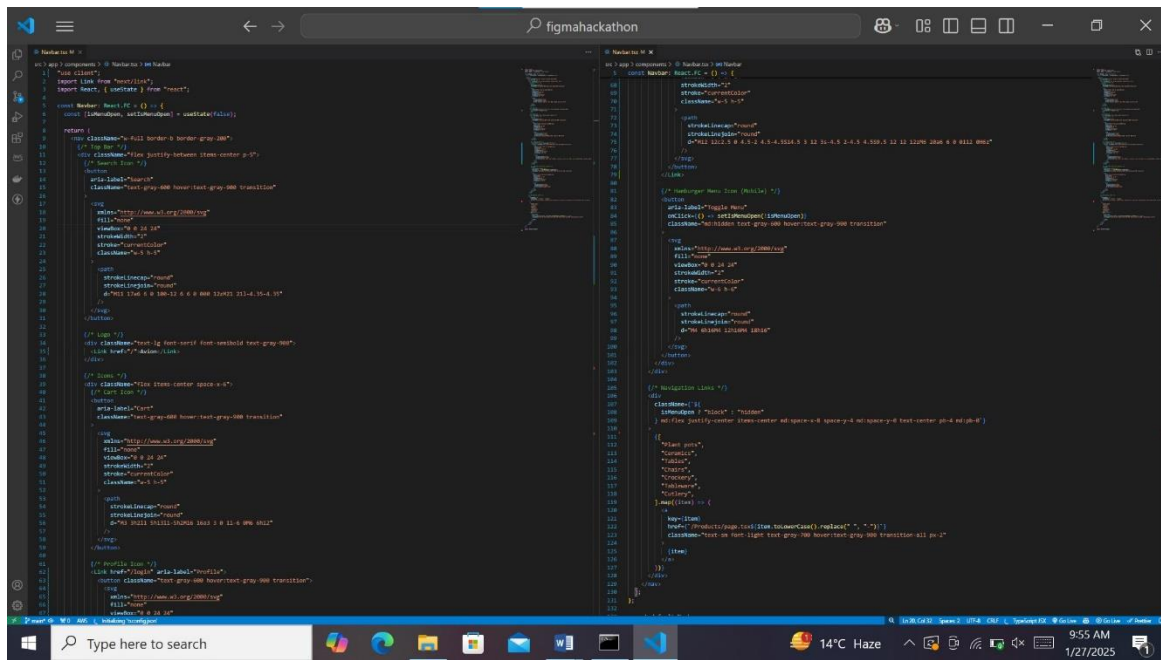
Register

Already have an account? [Login here](#)

8. Dashboard Component :



9. Navbar Component:



Avion



Plant pots

Ceramics

Tables

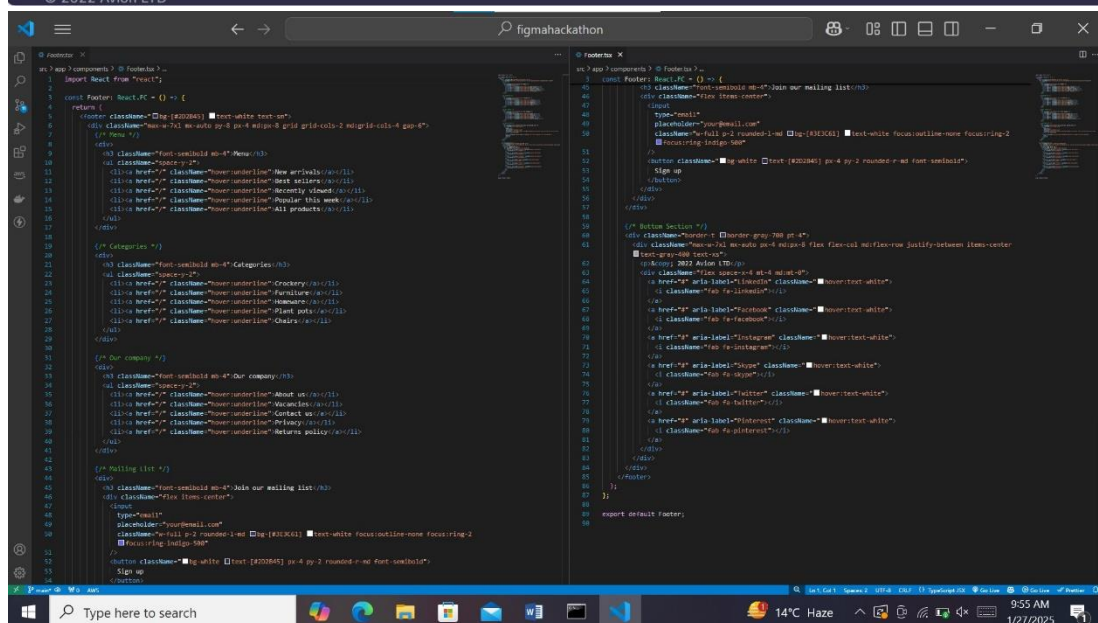
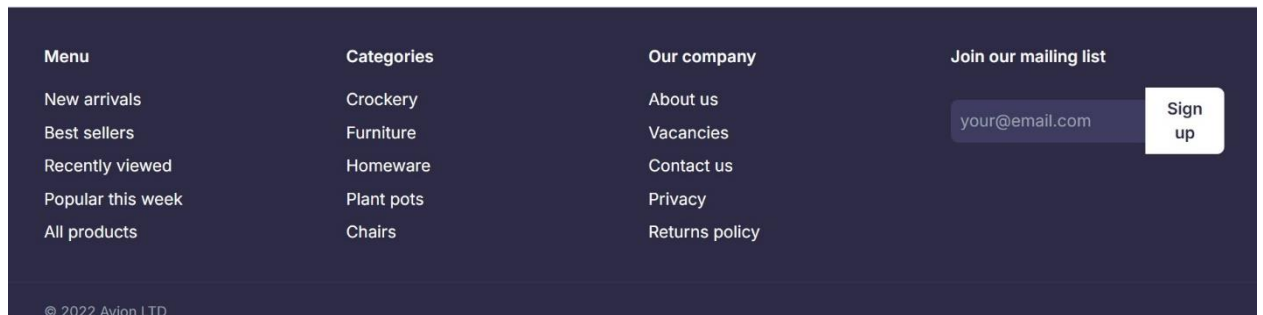
Chairs

Crockery

Tableware

Cutlery

10. Footer Component:



Checklist for day 4

Frontend Component Development:



Styling and Responsiveness:



Code Quality:



Documentation and Submission:

