

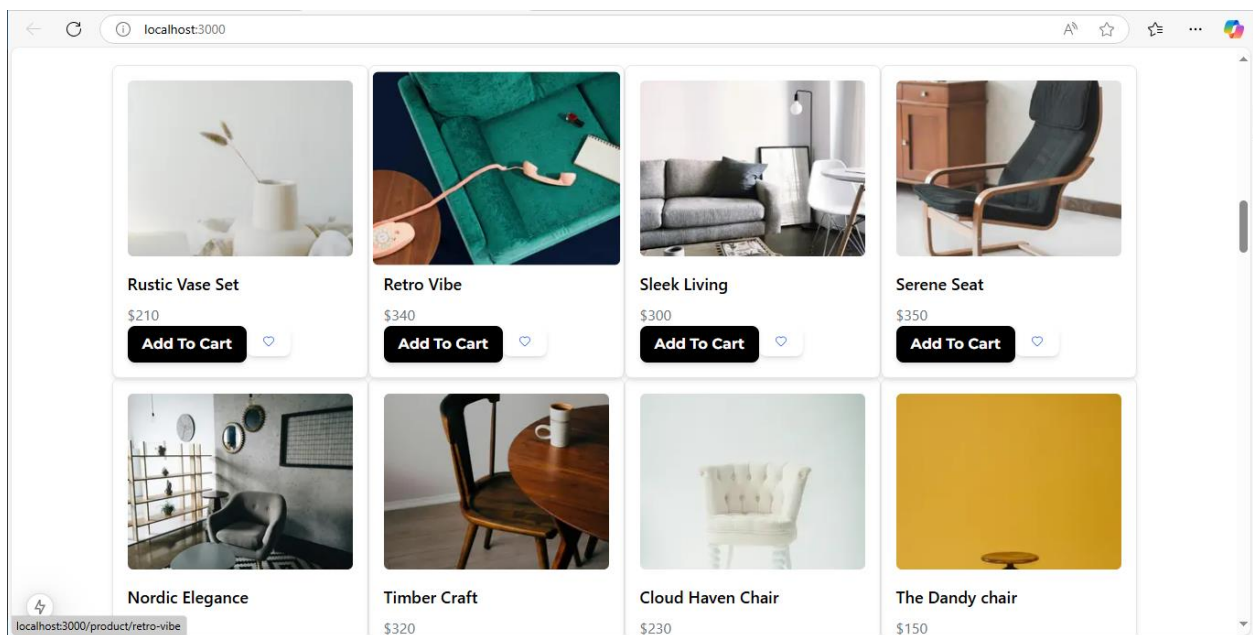
HACKATHON3 DAY 4

OBJECTIVE:

On Day 4, designing and developing dynamic frontend components to display marketplace data fetched from Sanity CMS or APIs. This step emphasizes modular, reusable component design and real-world practices for building scalable and responsive web applications.

KEY COMPONENTS TO BUILDS:

1- PRODUCTS LISTING COMPONENTS:



Product Listing code:

```
src > app > furniture-products > page.tsx > OurProducts > product.map() callback
10 import Link from "next/link";
11 import { addToCart } from "../actions/action";
12 import { Bounce, ToastContainer, toast } from "react-toastify";
13 import { CiHeart } from "react-icons/ci";
14
15 const OurProducts = () => {
16   const [product, setProduct] = useState<Product[]>([]);
17
18   useEffect(() => {
19     async function fetchProduct() {
20       const fetchedProduct: Product[] = await client.fetch(allProducts);
21       setProduct(fetchedProduct);
22     }
23     fetchProduct();
24   }, []);
25
26   const handleAddToCart = (e: React.MouseEvent, product: Product) => {
27     e.preventDefault();
28     addToCart(product);
29     toast.success(`${product.title} added to Cart !!!`, {
30       position: "top-right",
31       autoClose: 5000,
32       hideProgressBar: false,
33       closeOnClick: false,
34       pauseOnHover: true,
35       draggable: true,
36       progress: undefined,
37       theme: "light",
38       transition: Bounce,
39     });
40   };
41
42   const handleAddToWish = (e: React.MouseEvent, product: Product) => {
43     e.preventDefault();
44     addToWish(product);
45     toast.success(`${product.title} added to Wish List !!!`, {
46       position: "top-right",
47       autoClose: 5000,
48       hideProgressBar: false,
49       closeOnClick: false,
50       pauseOnHover: true,
51       draggable: true,
52       progress: undefined,
53       theme: "light",
54       transition: Bounce,
55     });
56   };
57
58   return (
59     <div className="max-w-6xl mx-auto px-4 py-8">
60       <h2
61         className={` ${montserrat.className} text-center font-bold text-2xl hover:text-blue-500 text-black mt-4 mb-4`
62       >
63         Our Products
64       </h2>
65       <div className="grid grid-cols-1 sm:grid-cols-2 md:grid-cols-3 lg:grid-cols-4">
66         {product.map((product) => (
67           <div
68             key={product._id}
69             className="border rounded-lg shadow-md p-4 hover:shadow-lg transition duration-200"
70           >
71             <Link href={` /product/${product.slug.current}`} >
72               {product.productImage && (
73                 <Image
74                   src={urlFor(product.productImage).url()}
75                   alt={product.title}
76                   width={200}
77                   height={200}
78                   className="w-full h-48 object-cover rounded-md hover:scale-110"
79                 />
80               )}
81             <h1 className="text-lg font-semibold mt-4">{product.title}</h1>
82             <p className="text-gray-500 mt-2">${product.price}</p>
83             <button
84               className={` ${montserrat.className} bg-black text-white font-semibold py-2 px-4 rounded-lg shadow-md h
85               onClick={e => handleAddToCart(e, product)}
86             >
87               Add to Cart
88             </button>
89             <button
90               className={` ${montserrat.className} bg-white text-black font-semibold py-2 px-4 rounded-lg shadow-md h
91               onClick={e => handleAddToWish(e, product)}
92             >
93               Add to Wish List
94             </button>
95           </div>
96         ))}
97       </div>
98     </div>
99   );
100 }
```

```
page.tsx ...[slug] U  page.tsx .../cart U  page.tsx .../checkout U  page.tsx .../wishlist U  navbar.tsx U  page.tsx .../furniture-products U x
src > app > furniture-products > page.tsx > OurProducts > product.map() callback
15 const OurProducts = () => {
16
17   return (
18     <div className="max-w-6xl mx-auto px-4 py-8">
19       <h2
20         className={` ${montserrat.className} text-center font-bold text-2xl hover:text-blue-500 text-black mt-4 mb-4`
21       >
22         Our Products
23       </h2>
24       <div className="grid grid-cols-1 sm:grid-cols-2 md:grid-cols-3 lg:grid-cols-4">
25         {product.map((product) => (
26           <div
27             key={product._id}
28             className="border rounded-lg shadow-md p-4 hover:shadow-lg transition duration-200"
29           >
30             <Link href={` /product/${product.slug.current}`} >
31               {product.productImage && (
32                 <Image
33                   src={urlFor(product.productImage).url()}
34                   alt={product.title}
35                   width={200}
36                   height={200}
37                   className="w-full h-48 object-cover rounded-md hover:scale-110"
38                 />
39               )}
40             <h1 className="text-lg font-semibold mt-4">{product.title}</h1>
41             <p className="text-gray-500 mt-2">${product.price}</p>
42             <button
43               className={` ${montserrat.className} bg-black text-white font-semibold py-2 px-4 rounded-lg shadow-md h
44               onClick={e => handleAddToCart(e, product)}
45             >
46               Add to Cart
47             </button>
48             <button
49               className={` ${montserrat.className} bg-white text-black font-semibold py-2 px-4 rounded-lg shadow-md h
50               onClick={e => handleAddToWish(e, product)}
51             >
52               Add to Wish List
53             </button>
54           </div>
55         ))}
56       </div>
57     </div>
58   );
59 }
```

```
src > app > furniture-products > page.tsx > OurProducts > product.map() callback
15  const OurProducts = () => {
66    {product.map((product) => (
80      ))
81    )}
82    <h1 className="text-lg font-semibold mt-4">{product.title}</h1>
83    <p className="text-gray-500 mt-2">${product.price}</p>
84    <button
85      className={` ${montserrat.className} bg-black text-white font-semibold py-2 px-4 rounded-lg shadow-md h
86      onClick={(e) => handleAddToCart(e, product)}
87    >
88      Add To Cart
89    </button>
90
91    <button
92      className={` ${montserrat.className} text-3xl text-blue-700 py-2 px-4 rounded-lg shadow-md hover:shadow-
93      onClick={(e) => handleAddToWish(e, product)}
94    >
95      <CIHeart />
96    </button>
97    </Link>
98  </div>
99  ))}
100 </div>
101 <ToastContainer />
102 </div>
103 );
104 };
105
106 export default OurProducts;
107
```

2. PRODUCT DETAILS COMPONENTS:



Product details code:

```
src > app > product > [slug] > page.tsx > getProduct

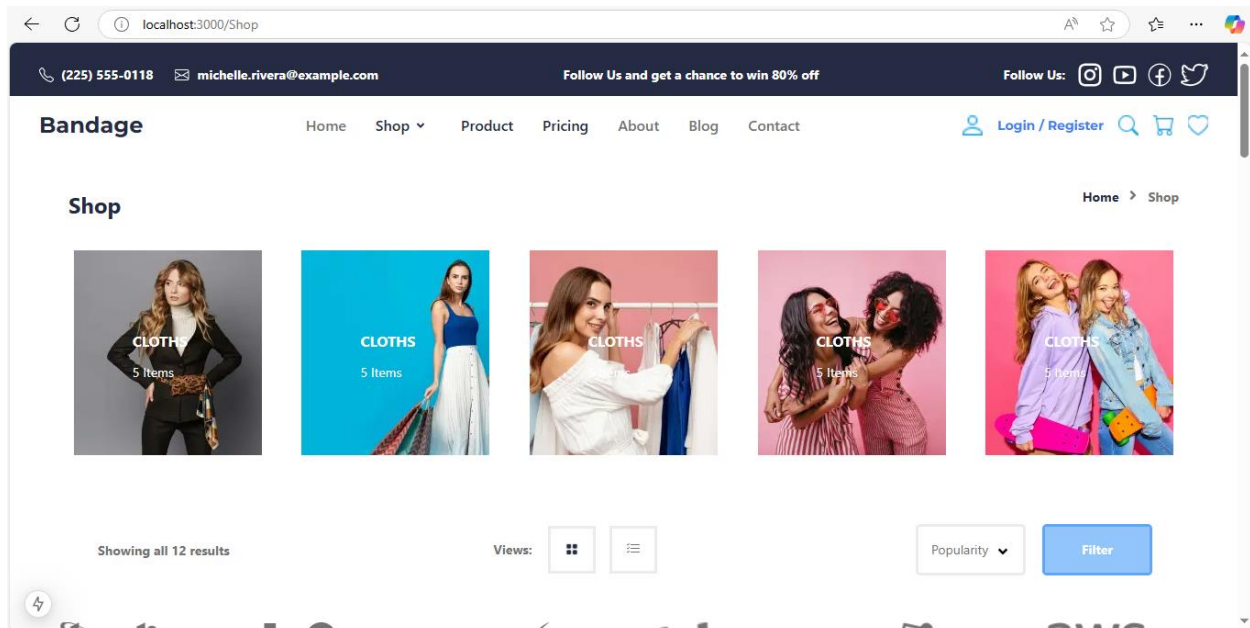
1  import React from "react";
2  import { client } from "@sanity/lib/client";
3  import { Product } from "../../types/products";
4  import { groq } from "next-sanity";
5  import Image from "next/image";
6  import { urlFor } from "@sanity/lib/image";
7  import { FaAngleRight, FaStar } from "react-icons/fa";
8  import Link from "next/link";
9  import { Montserrat } from "next/font/google";
10 import { ToastContainer } from "react-toastify";
11 const montserrat = Montserrat({ subsets: ["latin"], weight: ["700"] });
12
13 interface ProductPageProps {
14   params: Promise<{ slug: string }>;
15 }
16
17 async function getProduct(slug: string): Promise<Product> {
18   return client.fetch(
19     groq`*[_type == "product" && slug.current == $slug][0] {
20       _id,
21       title,
22       _type,
23       productImage,
24       description,
25       price,
26       discountPercentage,
27       tags
28     }`,
29     { slug }
30   );
31 }
32
```

```
src > app > product > [slug] > page.tsx > getProduct

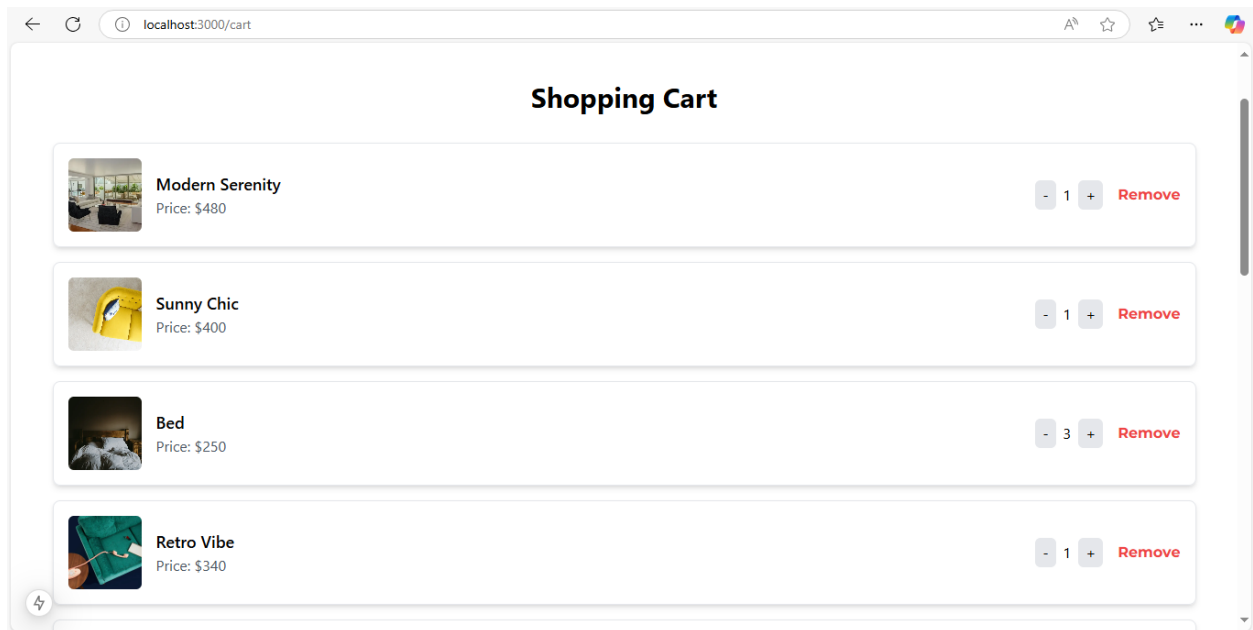
33 export default async function ProductPage({ params }: ProductPageProps) {
34   const { slug } = await params;
35   const product = await getProduct(slug);
36
37   return (
38     <div className="max-w-7xl mx-auto px-4">
39       <div className="flex justify-between flex-col sm:lg:flex-col md:flex-row lg:flex-row flex-wrap px-1 mt-10 md:mt-20">
40         <div>
41           <h3 className="text-center font-bold text-[24px] relative bottom-4 text-[#252B42] hover:text-blue-500">
42             Shop
43           </h3>
44         </div>
45
46         <div className="flex justify-center sm:justify-center md:justify-evenly lg:justify-evenly space-x-2">
47           <Link href="/">
48             <h3 className="font-bold text-sm text-[#252B42] hover:text-blue-500">
49               Home
50             </h3>
51           </Link>
52           <FaAngleRight className="text-[#737373]" />
53           <Link href="/">
54             <h3 className="font-bold text-sm text-[#737373] hover:text-blue-500">
55               Shop
56             </h3>
57           </Link>
58         </div>
59       </div>
60
61       <div className="grid grid-cols-1 md:grid-cols-2 gap-12">
62         <div className="aspect-square w-full">
63           {product.productImage && (
64             <Image
```

```
src > app > product > [slug] > page.tsx > getProduct
33 export default async function ProductPage({ params }: ProductPageProps) {
61   <div className="grid grid-cols-1 md:grid-cols-2 gap-12">
62     <div className="aspect-square w-full">
63       {product.productImage && (
64         <Image
65           src={urlFor(product.productImage).url()}
66           alt={product.title}
67           width={500}
68           height={500}
69           className="rounded-lg shadow-md"
70         />
71       )}
72     </div>
73     <div className="flex flex-col gap-8">
74       <h1
75         className={` ${montserrat.className} text-4xl font-bold hover:text-blue-500` }
76       >
77         {product.title}
78       </h1>
79
80       <p className={` ${montserrat.className} text-slate-600 mt-2 text-sm`}>
81         {product.description}
82       </p>
83
84       <div className="flex items-center space-x-2">
85         {[...Array(4)].map((_, index) => (
86           <FaStar key={index} className="text-yellow-500" />
87         ))}
88         <FaStar className="text-gray-300" />
89         <span className="text-gray-500">(20 Reviews)</span>
90       </div>
91     </div>
92   </div>
93 }
```

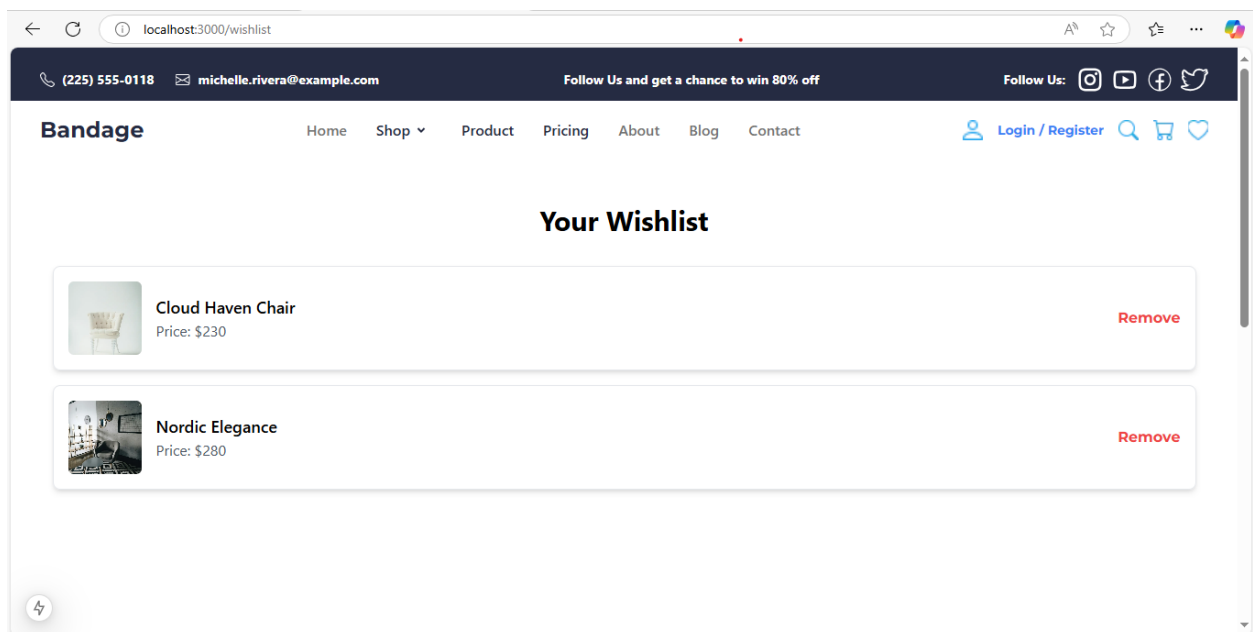
3. CATEGORY COMPONENTS:



4. CART COMPONENTS:




5. WISHLIST COMPONENTS:



6. CHECKOUT FLOW COMPONENTS:


← ↻ localhost:3000/checkout

Cart > CheckOut



Cloud Haven Chair
Quantity: 1

\$230



Nordic Elegance
Quantity: 1

\$280

SubTotal: \$510
Discount: \$0
Total: \$510.00

Billing Information

First Name:
Enter your first Name

Last Name:
Enter your Last Name

Email:
Enter your Email

Address:
Enter your Address

Phone:
Enter your Phone

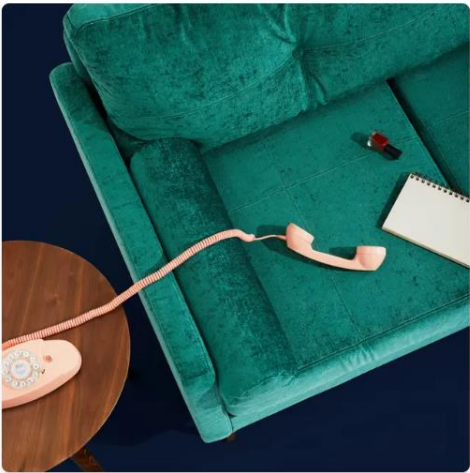
City:
Enter your City

ZipCode:
Enter your Zip Code

Place Order

7. REVIEWS AND RATING:

← ↻ localhost:3000/product/retro-vibe



Retro Vibe

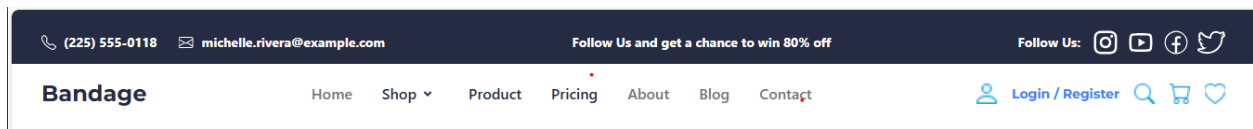
Introducing RetroVibe—a perfect blend of vintage charm and modern style, designed for those who appreciate timeless aesthetics with a contemporary twist. Inspired by the bold designs and vibrant colors of the past, RetroVibe brings a nostalgic yet fresh vibe to any space, infusing your home with character and flair. Crafted with meticulous attention to detail, RetroVibe combines classic materials and distinctive design elements to create a standout piece that enhances your living space. From its sleek lines to its unique color palette, every aspect of RetroVibe is carefully crafted to evoke the spirit of retro design while seamlessly fitting into today's modern interiors. Whether you're decorating a living room, bedroom, or workspace, RetroVibe serves as a conversation starter and a statement piece. Its versatility allows it to complement a variety of decor styles, from mid-century modern to eclectic and contemporary. The perfect way to add a touch of nostalgia and style, RetroVibe is ideal for those who love vintage aesthetics with a modern twist. Key Features: Retro-inspired design with modern touches Bold color palette and classic materials that evoke nostalgia High-quality craftsmanship for durability and lasting appeal Versatile style that complements various home decor themes Ideal for creating a fun, stylish, and unique atmosphere Bring back the charm of the past with RetroVibe—where classic design meets contemporary flair. Perfect for those who love a dash of nostalgia in their modern home.

★★★★☆ (20 Reviews)

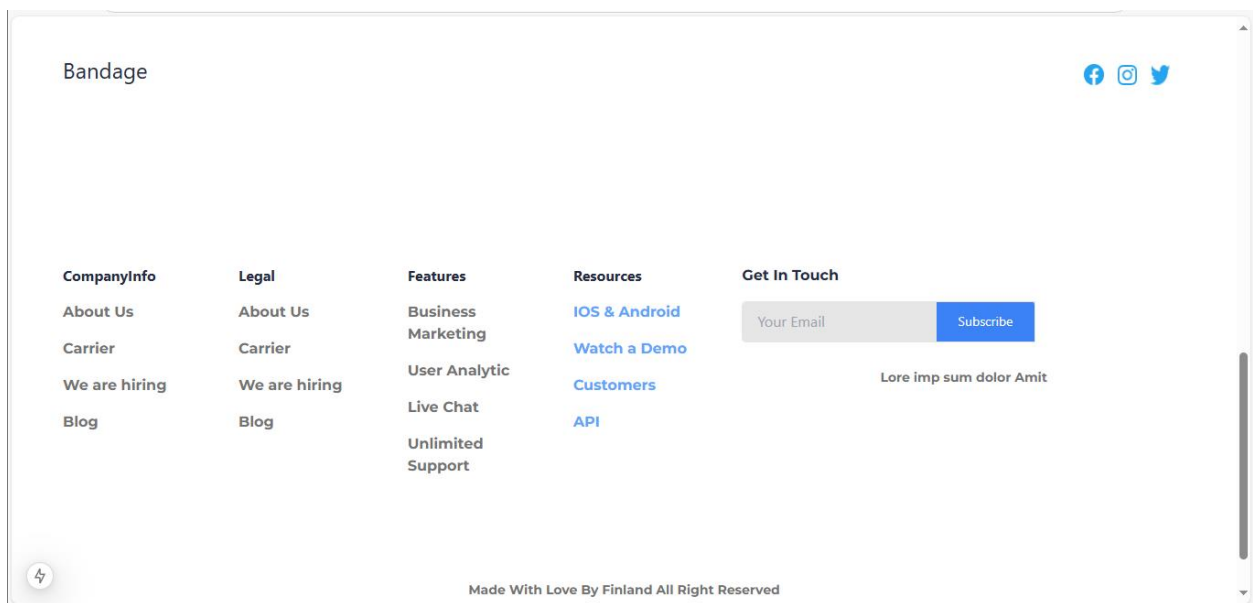
\$340

#retro #vintage #furniture #modern #decor

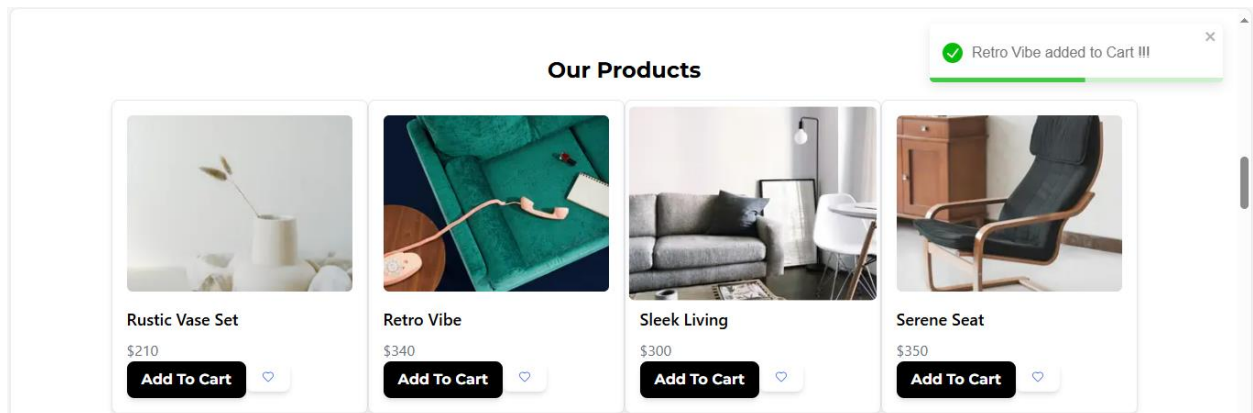
8. HEADER COMPONENTS:

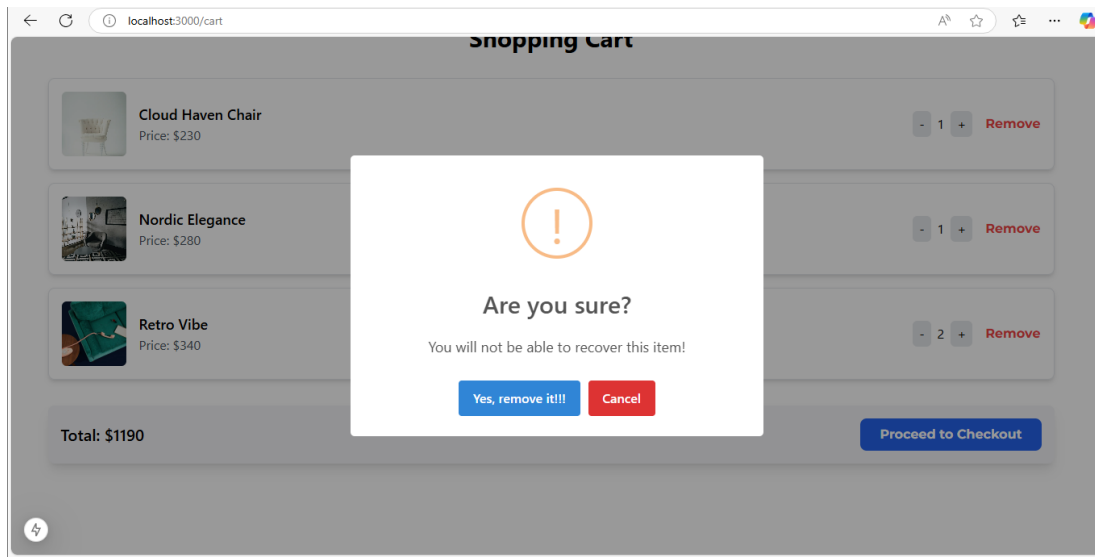


9. FOOTER COMPONENTS:



10. NOTIFICATIONS COMPONENTS





PREPARED BY SAJAL IRSHAD

ROLL NO: 00475635

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