

BUILDING DYNAMIC FRONTEND COMPONENTS FOR YOUR MARKETPLACE:

Key Components:

1. Product Listing Component:
2. Product Detail Component:
3. Cart Component:
4. Wishlist Component:
5. Checkout Work Flow Component:
6. Product Comparison Component:

1. Product Listing Component:

A Product Detail Component is a feature in web development that displays a collection of products in a structured and visually appealing format. It typically includes product details like images, names, prices, and descriptions, making it easier for users to browse and choose items

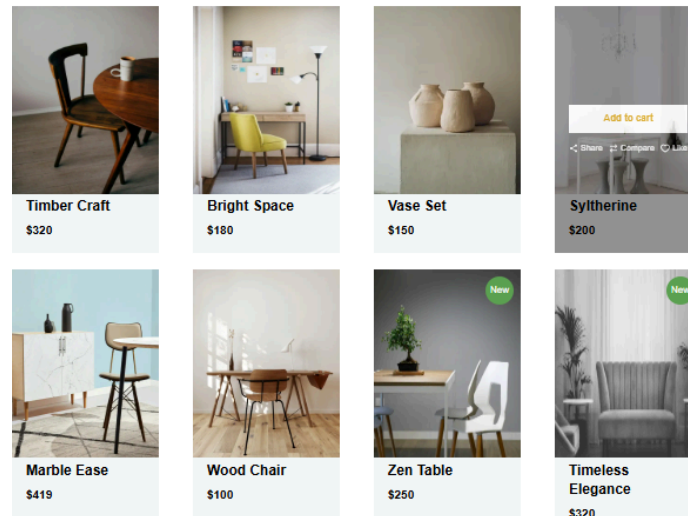
```
"use client";
import Image from "next/image";
import CustomerCare from "@/components/Customer-Care";
import Banner from "@/components/Banner";
import Link from "next/link";
import { client } from "@sanity/lib/client";
import { urlFor } from "@sanity/lib/image";
import { Product } from "../../types/product";
import { allProduct } from "../../sanity/lib/queries";
import { useEffect, useState } from "react";
import { useAppDispatch } from "../../hooks/redux";
import { addToCart, likeProduct, addToComparison } from "../../redux/cartSlice";
import { groq } from "next-sanity";

export default function Shop() {
  // add to cart
  const dispatch = useAppDispatch();

  const [product, setProduct] = useState<Product[]>([]);

  useEffect(() => {
    async function productData() {
      const productFetchData: Product[] = await client.fetch(allProduct);
      setProduct(productFetchData);
    }
    productData();
  }, []);
```

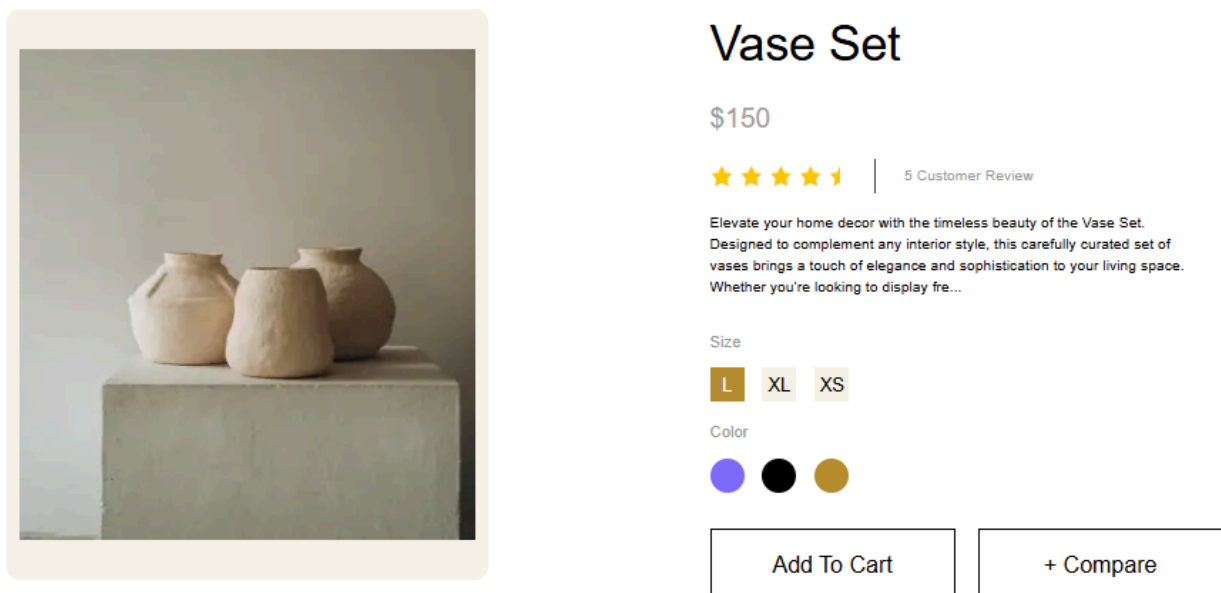
Output:



2. Product Detail Component:

A Product Detail Component provides detailed information about a specific product. It typically includes elements like the product image, description, price, specifications, customer reviews, and a "buy" or "add to cart" button, helping users make informed purchasing decisions.

Output:



3. Cart component:



A Cart Component is a feature in e-commerce applications that allows users to view and manage the items they intend to purchase. It typically displays product details like name, quantity, price, and total cost, along with options to update quantities, remove items, or proceed to checkout.

```
"use client";
import Banner from "@components/Banner";
import CustomerCare from "@components/Customer-Care";
import Image from "next/image";
import Link from "next/link";
import { useAppDispatch, useAppSelector } from "../../hooks/redux";
import {
  decrementQuantity,
  getCart,
  incrementQuantity,
  removeFromTheCart,
} from "../../redux/cartSlice";
import { urlFor } from "@sanity/lib/image";
import { Product } from "../../types/product";

export default function Cart() {
  const cart = useAppSelector(getCart);
  const dispatch = useAppDispatch();

  // calculate total price
  let totalPrice = 0;
  cart.forEach((item: Product) => {
    totalPrice += item.price * item.quantity;
  });
```

Output:

Product	Price	Quantity	Subtotal
	Vase Set	\$150	- 4 + \$600
			

Cart Totals

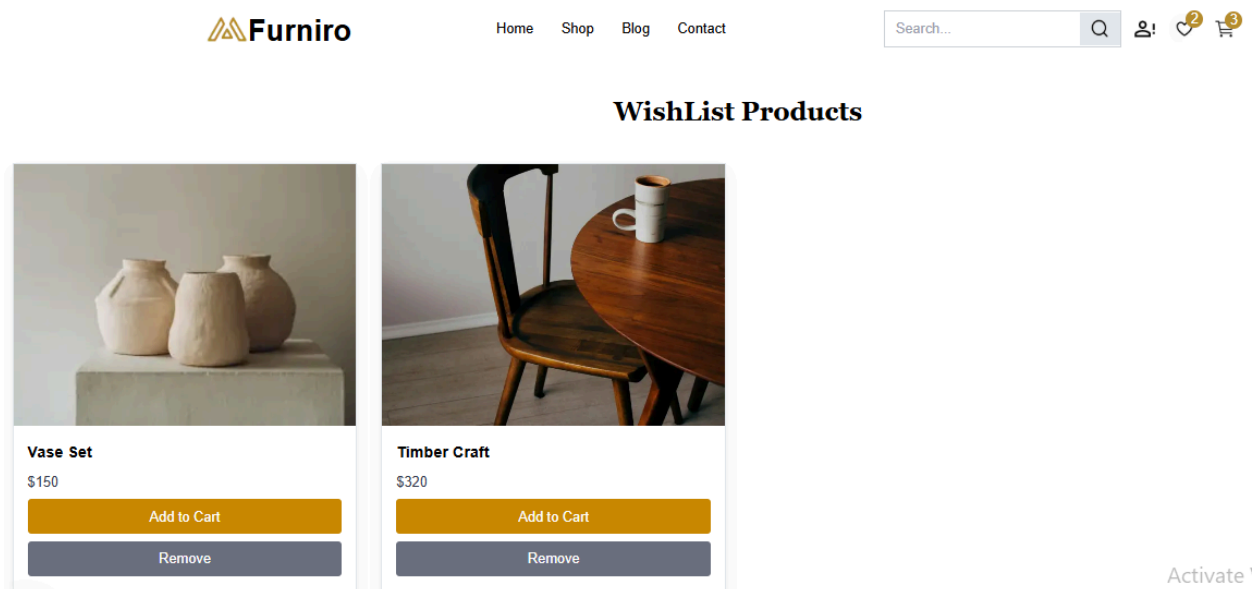
Subtotal	\$600
Total	\$600

Check Out

4. Wishlist Component:

A Wishlist Component allows users to save products they are interested in for future reference or purchase. It typically includes product details like name, image, and price, giving users an easy way to revisit and decide on their favourite items later.

Output:



5. Checkout Work Flow Component:

A Checkout Workflow Component guides users through the process of completing their purchase. It typically includes steps like entering shipping details, selecting a payment method, reviewing the order, and confirming the purchase, ensuring a smooth and user-friendly experience.

```
"use client"
import Banner from "@components/Banner";
import CustomerCare from "@components/Customer-Care";
import { getCart } from "../../../redux/cartSlice";
import { useAppSelector } from "../../../hooks/redux";
import { Product } from "../../../types/product";

export default function Checkout() {
  const cart = useAppSelector(getCart);
  let totalPrice = 0;
  cart.forEach((item: Product) => {
    totalPrice += item.price * item.quantity;
  })

  return (
    <div>
      <Banner name="Checkout" title="Checkout" logo="/logo.png" />

      <div className="max-w-[1242px] mx-auto my-10 flex flex-col-reverse lg:flex-row">
        {/* form section start */}
        <div className="md:w-[608px] w-auto">
          <div className="flex flex-col gap-8 py-10 px-10">
            <h1 className="font-semibold text-4xl/[54px] font-poppins">
              | Billing details
            </h1>
          </div>
        </div>
      </div>
    </div>
  )
}
```

Output:

Product	Subtotal
Vase Set X 4	600
Modern Serenity X 10	4800
Bright Space X 1	180
Pure Aura X 1	280
Subtotal	5860
Total	5860

☒ Direct Bank Transfer

Make your payment directly into our bank account. Please use your Order ID as the payment reference. Your order will not be shipped until the funds have cleared in our account.

- ☐ Direct Bank Transfer
☐ Cash On Delivery

Your personal data will be used to support your experience throughout this website, to manage access to your account, and for other purposes described in our [privacy policy](#).

Place order

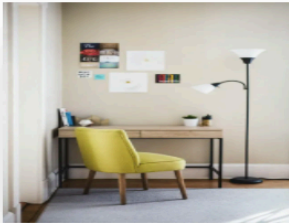
6. Product Comparison Component:

A Product Comparison Component allows users to compare multiple products side by side. It typically displays features like specifications, prices, reviews, and other details in a table or grid format, helping users make informed decisions based on their preferences.

Output:

Go to Product page for more Products

[View More](#)




Bright Space

\$180

Welcome to BrightSpace—a collection designed to infuse your home with light, energy, and vibrancy. Inspired by the power of natural light and open spaces, BrightSpace brings a fresh, airy feel to any room. Whether you're looking to brighten your livi...

Romove

Add To Cart



Vase Set

\$150

Elevate your home decor with the timeless beauty of the Vase Set. Designed to complement any interior style, this carefully curated set of vases brings a touch of elegance and sophistication to your living space. Whether you're looking to display fre...

Romove

Add To Cart

Add A Product

Choose a Product

▼

Clear Product