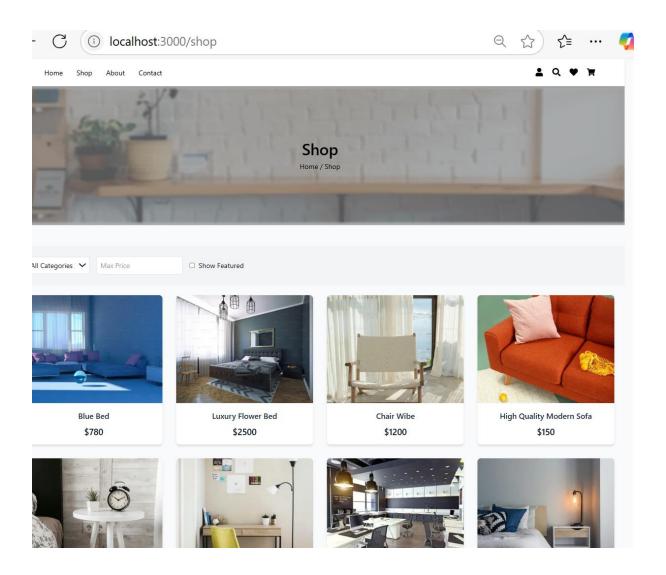
DAY 4

BUILDING DYNAMIC FRONTEND COMPONENTS FOR YOUR MARKETPLACE

- **Product Listing Component**: Displays a list of products with images, names, and prices. It supports pagination and filtering.
- **Product Detail Component**: Shows detailed information about a selected product, including images, price, description, and options for customization.
- Category Component: Organizes products into categories for easy browsing, with the ability to filter based on product types or attributes.
- Search Bar: Allows users to search for products by name, category, or keywords.
- Cart Component: Displays the items added to the cart, showing quantity, price, and total amount. Users can update the cart or proceed to checkout.
- Wish list Component: Allows users to save favourite items for later. It includes the ability to add or remove products.
- **Checkout Flow Component**: Handles the checkout process, including user information, shipping, payment, and order confirmation.
- User Profile Component: Displays user information, order history, and allows account management features like changing the password.
- **Reviews and Ratings Component**: Lets customers rate and review products. Includes an option to display all reviews with ratings and comments.
- Pagination Component: Splits large sets of product data into smaller pages, making it easier for users to browse.
- **Filter Panel Component**: Filters products by criteria such as price, brand, size, and other attributes.
- Footer and Header Components: The header includes navigation links, search bar, and icons (cart, profile). The footer provides contact info, social links, and legal details.
- **Notifications Component**: Displays system messages, promotions, or alerts to users (e.g., out of stock, order updates).

SCREEN SHOTS OF COMPONENTS AND CODES

1. PRODUCT LISTING



```
Less Transista, constanting in extrated many (2.5 per miner to the constant of the constant of
                                                                                                                                                                                           to standarding the growy LBD (for The uning ages of these notes and set of obstaclations).

An interfacional standarding and the set of obstaclations of the set of obstaclations of the set of obstaclations of the set of obstaclations and obstaclations of the set of obstaclations of
                                                                                                                                                                            Comment of Control of 
                                                                                                                                                                                                                                          Controls

Asys (most)

Asys (mo
```

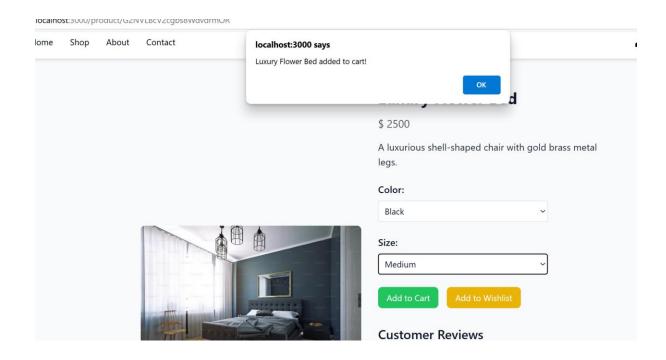
PRODUCT DETAIL

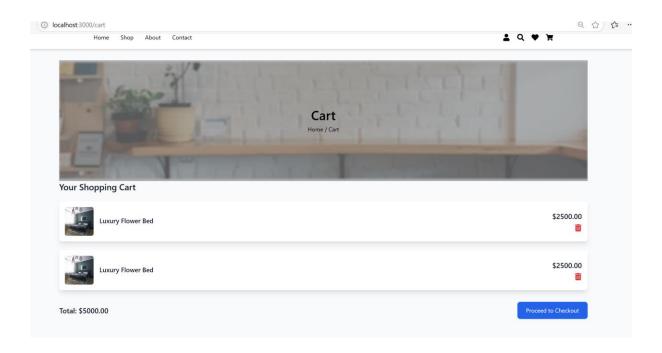
```
The second control of a control of an anti-statistic algorithm of a pro-

sort foliation and the foliation of the second control of a pro-

duction for a final control of a c
```

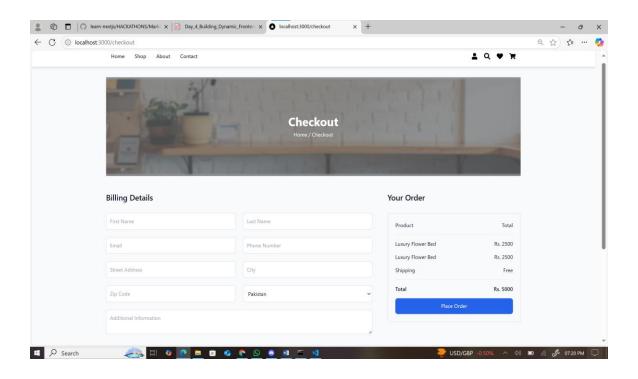
CART

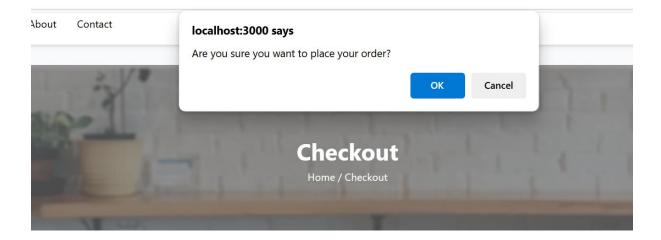




```
• • •
                               import React, { useState, useEffect } from 'react';
import { falrashAlt } from 'react-icons/fa';
import Lish from 'react-icons/fa';
import Lish from 'mext/Lish(;
import useform 'mext/Lish(;
import useform 'react/import', import descript from 'Reaminty/lish/image';
import useform 'reaction', import description 'reaction', import description 'Reaminty/lish/image';
import shoping from 'Reaminty',
import shoping from 'Reamin
                                           // Undate irem quantity
const updateQuantity (id: string, quantity: mumber) -> {
if (quantity <-0) return;
const updateQuantic <-art.map(item ->
item.id == id f (...tem, quantity) }: item
};
saveCartToLocalStorage(updatedCart);
setCart(updatedCart);
};
```

CHECKOUT

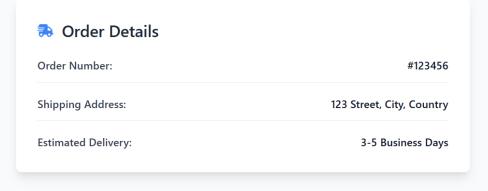


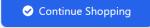




Order Confirmed!

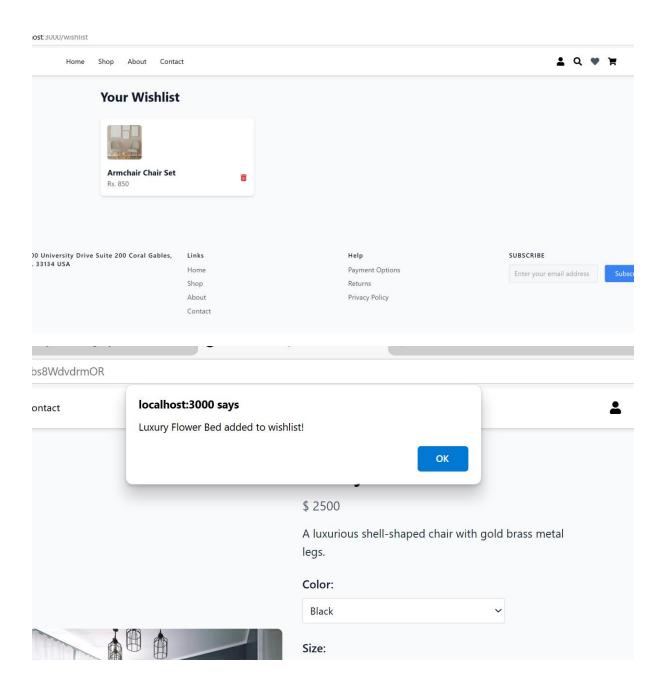
Thank you for your purchase! Your order has been successfully placed.





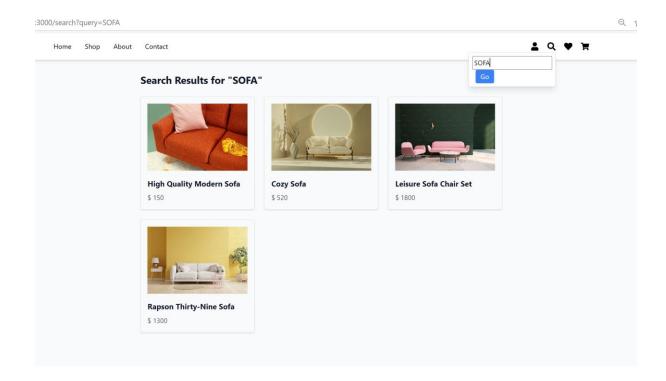
```
)))
const [totalPrice, setTotalPrice] = useState(#);
const [isSubmitting, setTotalPrice] = useState(false);
const ruster = useNouter();
```

WISHLIST



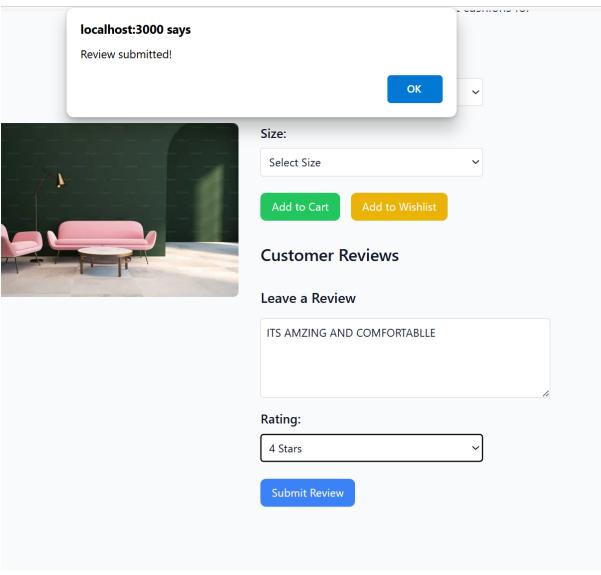
```
import React, { useState, useEffect } from "react";
import Image from "next/image";
import Link from "next/link";
import { FaTrashAlt } from "react-icons/fa";
import { urlFor } from "@/sanity/lib/image"; // Ensure the utility for images is imported
    9 // Ensure the image URL is a string.
10 interface WishlistItem {
11 id: string;
           price: number;
image: any; // Changed to string to ensure valid URL
   17 export default function WishlistPage() {
18  const [wishlist, setWishlist] = useState<WishlistItem[]>([]);
            useEffect(() => {
              try {
  const storedWishlist = JSON.parse(localStorage.getItem("wishlist") || "[]");
  setWishlist(storedWishlist);
                console.error("Error loading wishlist from localStorage:", error);
setWishlist([]); // Handle error and reset wishlist to empty
            }, []);
            const removeItem = (id: string) => {
  const updatedWishlist = wishlist.filter((item) => item.id !== id);
              setWishlist(updatedWishlist);
localStorage.setItem("wishlist", JSON.stringify(updatedWishlist));
            if (wishlist.length === 0) {
                 <div className="text-center py-8">
  Your wishlist is empty.
Continue Shopping
            key={item.id}
                         <div className="relative w-20 h-20">
{/* Check if item.image exists and load the image */}
                            {item.image && (
                              <Image
src={urlFor(item.image).url() || '/fallback-image.png'} // Use urlFor to get the image URL</pre>
                                 layout="fill"
                                 objectFit="cover
                                 className="rounded-md"
                          <div className="mt-4 flex justify-between items-center">
                            <div>
     <h2 className="text-lg font-bold">{item.name}</h2>
                             onClick={() => removeItem(item.id)}
className="text-red-600 hover:text-red-800"
```

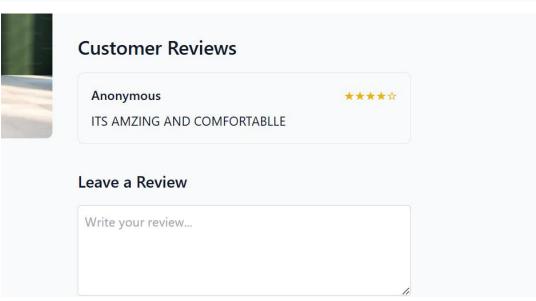
SEARCHBAR



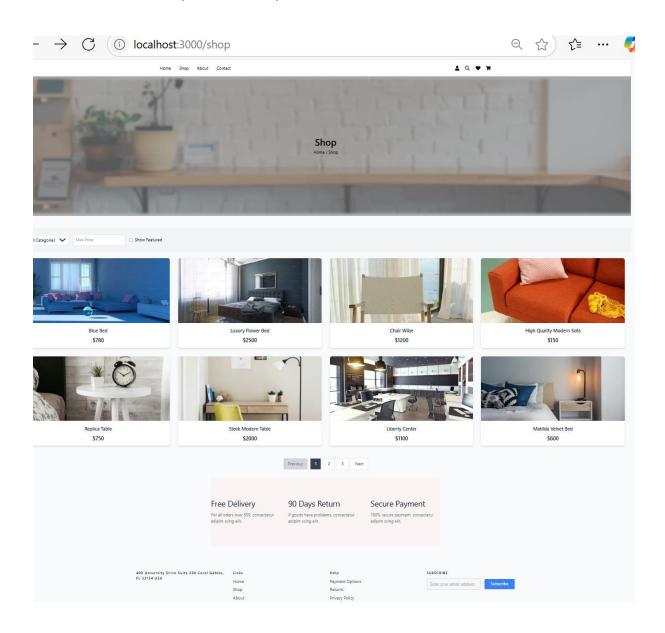
```
• • •
     import React, { useState, useEffect } from "react";
import { client } from "@/sanity/lib/client";
import Link from "next/link";
import { useSearchParams } from "next/navigation";
import { urlFor } from "@/sanity/lib/image";
       name: string;
price: number;
        image: any;
        const sanityQuery = '*[_type == "product" && name match "${query}*"]{
    _id,
    name,
          price,
"image": image
const SearchPage = () => {
const searchParams = useSearchParams();
const query = searchParams.get("query") || "";
const [products, setProducts] = useState<Product[]>([]);
const [isLoading, setIsLoading] = useState(true);
        const [error, setError] = useState("");
          const loadProducts = async () => {
  if (!query.trim()) {
    setProducts([]);
    setIsLoading(false);
}
             try {
  const fetchedProducts = await fetchProducts(query);
  setProducts(fetchedProducts);
             console.error("Error fetching products:", error);
setError("Failed to fetch products. Please try again later.");
} finally {
                 setIsLoading(false);
        if (!products.length) {
   return <div className="text-center py-8">No products found.</div>;
            (
                    src=(product.image ? urlFor(product.image).url() : "/fallback-image.png"}
alt=(product.name)
className="w-full h-40 object-cover"
                            <h2 className="text-lg font-bold mt-4">{product.name}</h2>
$ {product.price}
90
91 export default SearchPage;
```

REVIEWS AND RATING





PAGINATION, FILTER, HEADER AND FOOTER



```
. .
    "use client";
   import Link from "next/link";
import { FaUser, FaSearch, FaHeart, FaShoppingCart } from "react-icons/fa";
import { useRouter } from "next/navigation";
     const [isSearchOpen, setIsSearchOpen] = useState(false);
     const [searchQuery, setSearchQuery] = useState("");
const router = useRouter();
     const handleSearch = (e: React.FormEvent) => {
       e.preventDefault();
         router.push('/search?query=${encodeURIComponent(searchQuery)}');
setSearchQuery("");
          setIsSearchOpen(false);
       <header className="bg-white p-5 shadow-md transition-all duration-300 ease-in-out">
         <Link href="/shop" className="text-black hover:text-gray-600 transition-all duration-300 ease-in-out">
             <Link href="/about-us" className="text-black hover:text-gray-600 transition-all duration-300 ease-in-out">
             <Link href="/contact-us" className="text-black hover:text-grav-600 transition-all duration-300 ease-in-out">
           <div className="relative">
                 className="cursor-pointer text-black hover:text-gray-600 transition-all duration-300 ease-in-out"
onClick={() => setIsSearchOpen(!isSearchOpen)}
                   className="absolute top-6 right-0 bg-white border border-gray-300 p-2 rounded shadow-lg z-50"
                    placeholder="Search products..."
                     onChange={(e) => setSearchQuery(e.target.value)}
                    className="border border-gray-300 rounded p-1 focus:outline-none focus:border-gray-600"
                    className="ml-2 px-3 py-1 bg-blue-500 text-white rounded"
             <Link href="/wishlist" className="text-black hover:text-gray-600 transition-all duration-300 ease-in-out">
             cLink href="/cart" className="text-black hover:text-gray-600 transition-all duration-300 ease-in-out">
             <FaShoppingCart size={20} />
</Link>
```

```
class settine ');
(instance*ine '/) sinc=1/2 wfoil pcd mbd mdim=0");
(instance*ine '/) sinc=1/2 wfoil pcd mbd mdim=0");
(instance*ine 'inter-ine foil 'mdim=0 mdim thet bold text_gray-000 tracking-midset text-ine mb-J*-limks-n2;
(instance*ine mb-dim*);
(instance*ine mb-dim*);
(instance*ine mb-dim*);
(instance*ine mb-dim*);
(instance*ine 'instance mb-dim*);
(instance*ine 'instance mb-dim*);
(instance*ine 'instance mb-dim*);
(instance mb-di
                                                             **Neglischin (*)
**De Landstein (*
(for Subscribe Section 5/)
(of Calculate_Cipe/Afmin-1/2 weful) post')
(32 classime_Cipe/Afmin-1/2 weful) post')
(32 classime_Cipe/Afmin-1/2 weful) not post participe undert text.um sho'n'9880CIBE/A22
(day classime_Cipe/Afmin-1/2 code mellowith/Section 4/2)
(day classime_Cip
Theore better Section (s)

a classame "ographic" is

a classame "ographic" is

b classame "ographic" is

b classame "ographic" is

b classame "ographic" is

classame "ographic"

cl
```