

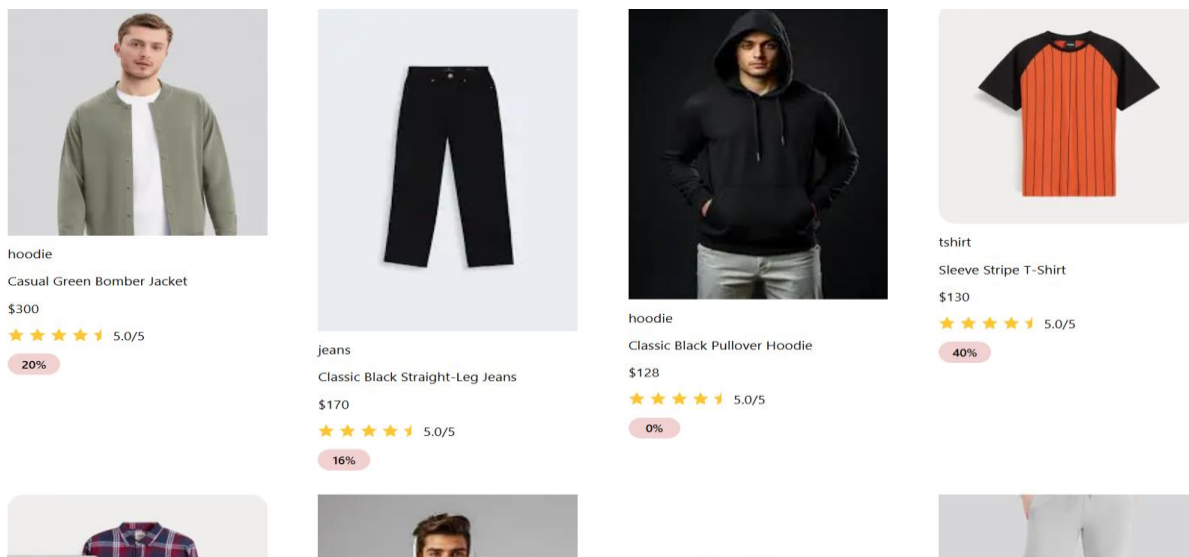
Documentation of Day 4 Task

Market Place Name: General E-Commerce

This document outlines the task for day 4, where dynamic frontend components are built for the “General E-Commerce” marketplace. The objective is to create a scalable and interactive product listing page using dynamic data to enhance the user experience. The data fetched from sanity to frontend and create responsiveness and interactivity using modern development tools.

Product Listing Page

The product listing page fetches product data from sanity and displays it in an frontend name, images and all related thing shows on frontend.

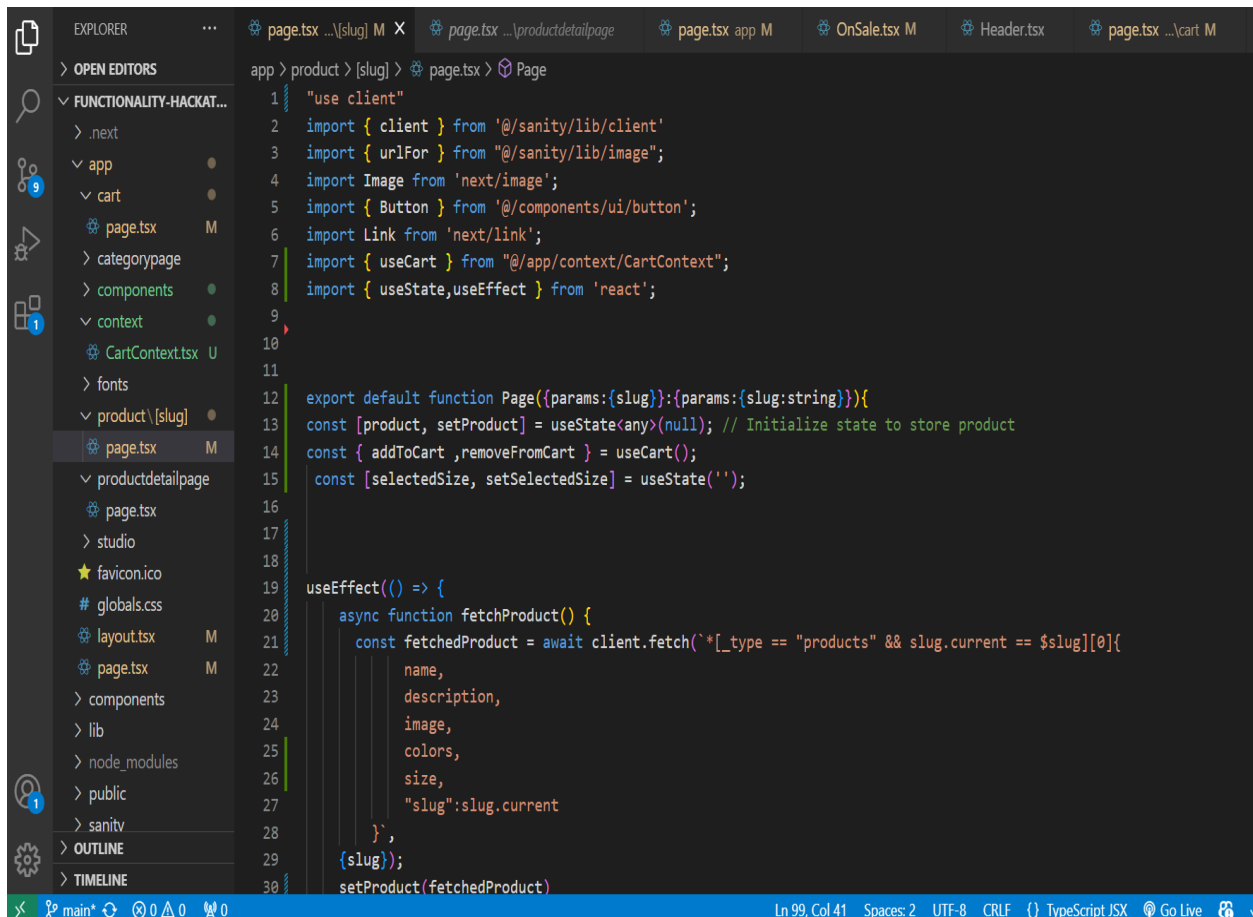


Product Details Page

The product details page dynamically fetches data from the backend and display all the product details dynamically on frontend.

Each product card contains the following information:

- Product Image
- Product Name
- Product Description
- Product Price
- Add to Cart button
- Remove button
- Select Size
- Select Color

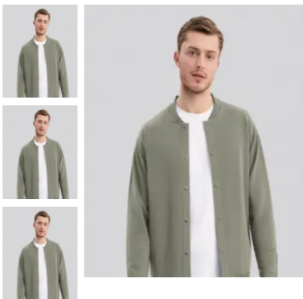
A screenshot of a Visual Studio Code editor window. The Explorer sidebar on the left shows a project structure with folders like 'app', 'components', 'context', 'fonts', 'product', and 'productdetailpage'. The 'productdetailpage' folder is expanded, showing 'page.tsx' selected. The main editor area displays the code for 'page.tsx'. The code includes imports for 'client', 'urlFor', 'Image', 'Button', 'Link', 'useCart', and 'useState', 'useEffect'. It defines a 'Page' function that takes 'slug' as a parameter and uses 'useState' to manage 'product' and 'selectedSize'. A 'useEffect' hook calls an async 'fetchProduct' function that fetches product data from a backend API based on the slug. The status bar at the bottom indicates 'Ln 99, Col 41', 'Spaces: 2', 'UTF-8', 'CRLF', and 'TypeScript JSX'.

Product 1

Home > Shop > Men > T-shirt >

Casual Green Bomber Jacket

★★★★☆ 4.5/5



This stylish green bomber jacket offers a sleek and modern twist on a classic design. Made from soft and comfortable fabric, it features snap buttons and ribbed cuffs, giving it a sporty yet refined look. The minimalist style makes it perfect for layering over casual t-shirts or hoodies. Whether you're out with friends or just lounging, this jacket provides a laid-back yet fashionable vibe. Its muted green color adds a subtle, earthy tone that pairs well with a variety of outfits, making it a versatile addition to your casual wardrobe.

Select Colors

Choose Size

Small Medium Large x-Large

+ 1 -

Add to Cart

Remove

All Reviews



Latest

Write a Review

Product 2

Sleeve Stripe T-Shirt

★★★★☆ 4.5/5



This product is a vibrant orange and black striped t-shirt with a sporty design. The shirt features vertical pinstripes in black on an orange base, complemented by contrasting black raglan sleeves for a casual, athletic-inspired look. Ideal for adding a bold touch to your casual wardrobe, this tee combines comfort and style, perfect for daily wear or sporting events. The soft fabric ensures a comfortable fit, while the unique design makes it a standout piece for any outfit.

Select Colors

Choose Size

Small Medium Large x-Large

+ 1 -

Add to Cart

Remove

All Reviews



Latest

Write a Review

Product 3

Classic Black Straight-Leg Jeans

★★★★☆ 4.5/5

These classic black jeans offer a versatile and timeless addition to any wardrobe. Featuring a straight-leg cut, they provide a comfortable, flattering fit for various body types. Crafted from durable denim, these jeans are both stylish and practical, perfect for both casual outings and semi-formal occasions. The clean, dark black color adds a sleek and sophisticated touch, making them easy to pair with any top, from t-shirts to shirts or hoodies. With their classic design and premium fit, these black jeans are a must-have staple for any wardrobe.



Select Colors

Choose Size

Small

Medium

Large

x-Large

+ 1 -

Add to Cart

Remove

All Reviews



Latest

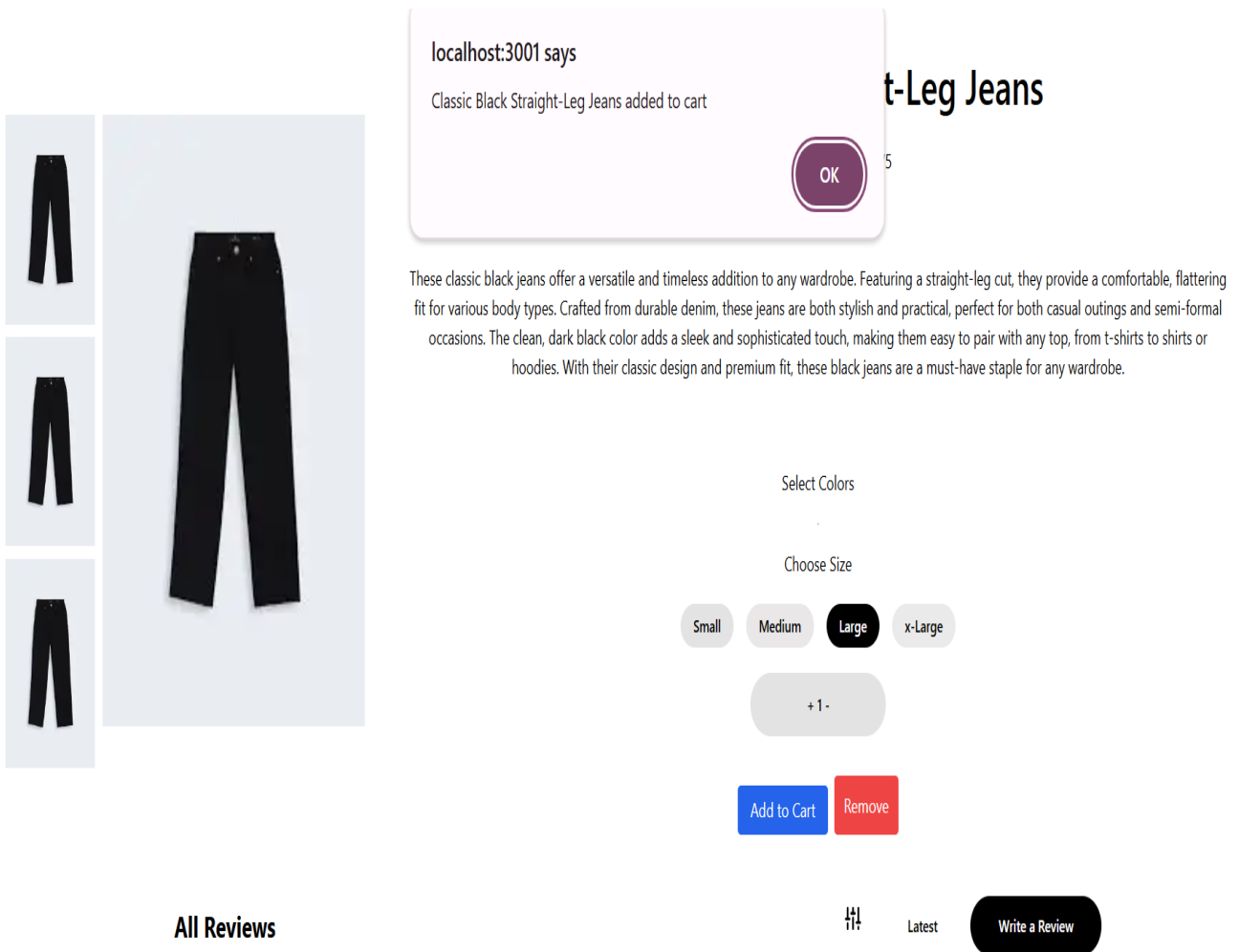
Write a Review

Functionality Add to Cart button

When the user clicks the Add to cart button, the selected product is added to the cart.

A success message is displayed using framework based state-management (React).

The cart UI is updated dynamically.

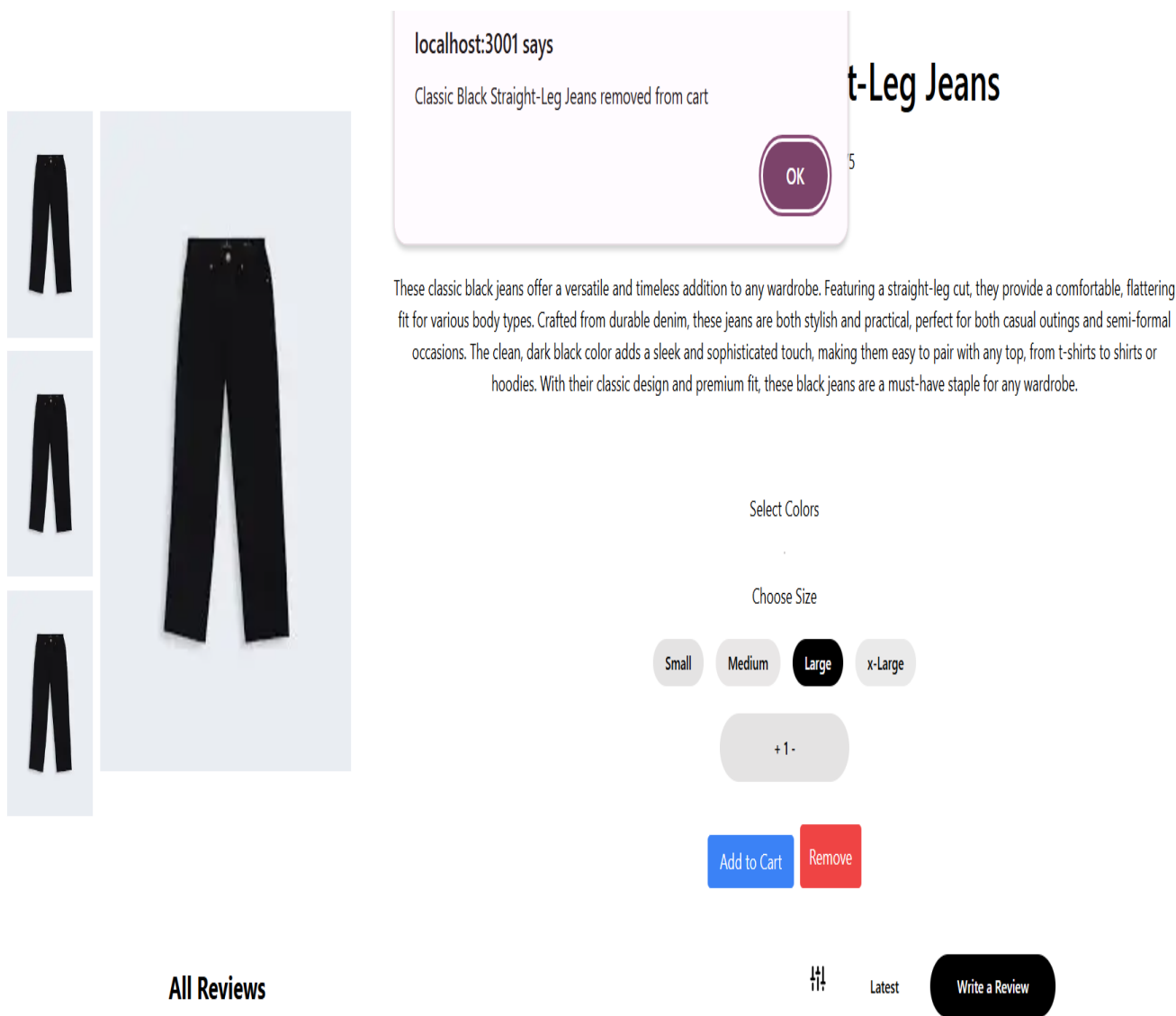


Functionality Remove from Cart

When the user clicks the Remove button, the selected product is removed from the cart.

A success message is displayed using framework based state-management (React).

The cart UI is updated dynamically.

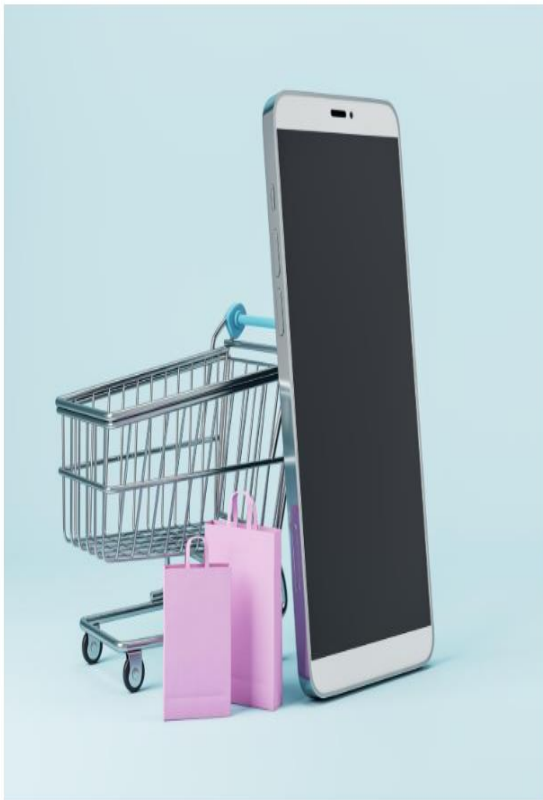


Sign up

The sign up feature enables new users to create an account on the platform. Users are required to provide the following information:

- Full Name
- Email Address
- Password

[Home](#) > [sign-up](#)



Create An Account

Enter your details below

Name

Email Or PhoneNumber

Password

Create Account

 Sign Up with Google

Already have account? [Login](#)

Login

The login feature allows existing users to access their account securely. Users need to enter their registered email address/username and password to login. Forget password option allow users to reset their password if they forget it.

[Home](#) > [login](#)



Log in to Exclusive

Enter your details below

Email Or PhoneNumber

Password

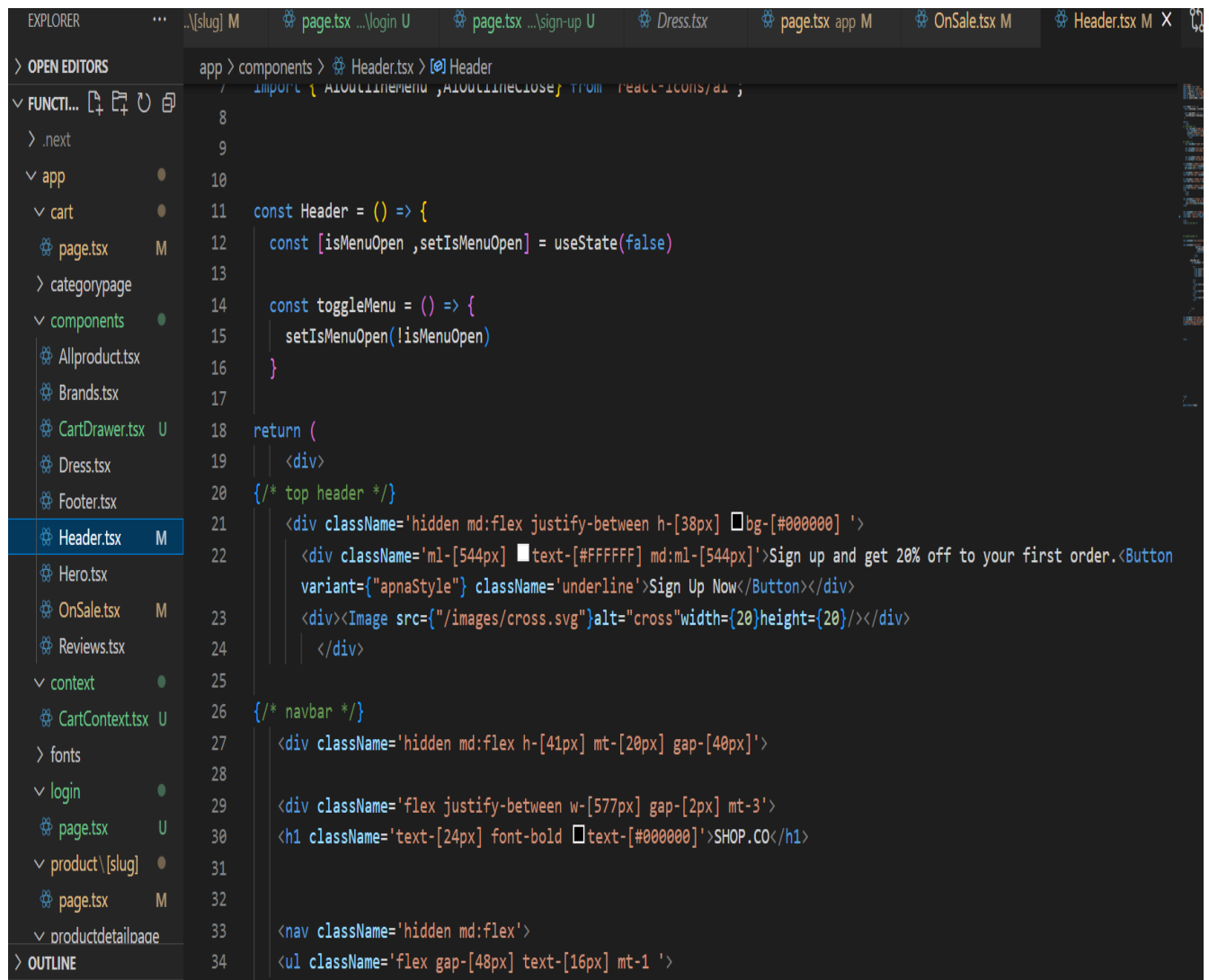
Login

[Forget Password?](#)

components coding screenshots

Header:

The header component is a reusable UI element that contains the website's logo, navigation link (Home, about, contact)

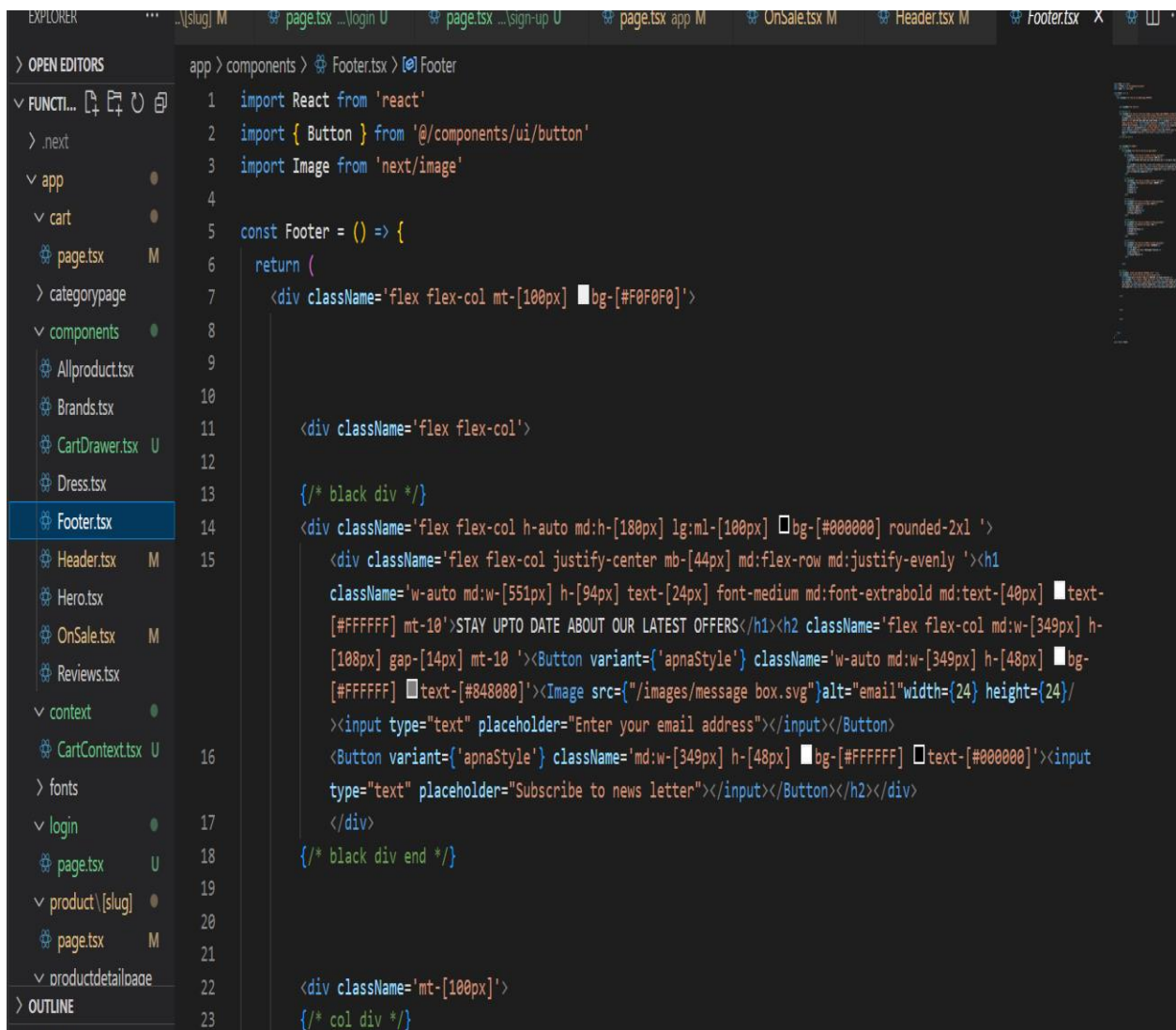


```
EXPLORER  ...  ..[slug] M  page.tsx ...login U  page.tsx ...sign-up U  Dress.tsx  page.tsx app M  OnSale.tsx M  Header.tsx M X

> OPEN EDITORS
app > components > Header.tsx > Header
7 import { AboutMenuItem, AboutMenuClose, } from 'react-icons/all';
8
9
10
11 const Header = () => {
12   const [isMenuOpen, setIsMenuOpen] = useState(false)
13
14   const toggleMenu = () => {
15     setIsMenuOpen(!isMenuOpen)
16   }
17
18   return (
19     <div>
20       /* top header */
21       <div className='hidden md:flex justify-between h-[38px] bg-[#000000]'>
22         <div className='ml-[544px] text-[#FFFFFF] md:ml-[544px]'>Sign up and get 20% off to your first order.<Button
23           variant='apnaStyle' className='underline'>Sign Up Now</Button></div>
24         <div><Image src='/images/cross.svg' alt='cross' width={20} height={20}/></div>
25       </div>
26       /* navbar */
27       <div className='hidden md:flex h-[41px] mt-[20px] gap-[40px]'>
28
29         <div className='flex justify-between w-[577px] gap-[2px] mt-3'>
30           <h1 className='text-[24px] font-bold text-[#000000]'>SHOP.CO</h1>
31
32           <nav className='hidden md:flex'>
33             <ul className='flex gap-[48px] text-[16px] mt-1'>
```

Footer

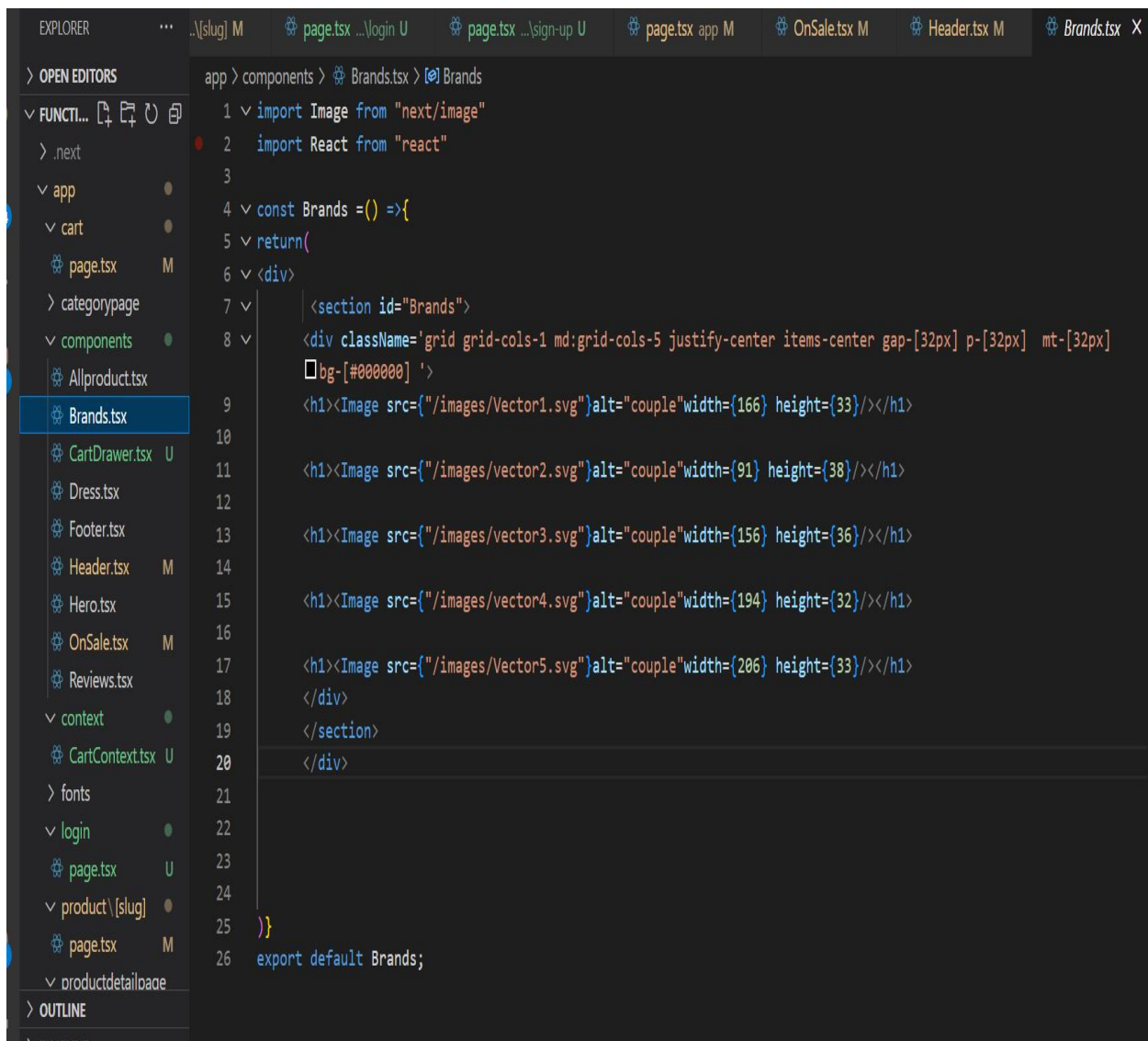
The footer component displays important information like copyright, quick links, and social media icons. It is placed at the bottom of the page.



```
1 import React from 'react'
2 import { Button } from '@components/ui/button'
3 import Image from 'next/image'
4
5 const Footer = () => {
6   return (
7     <div className='flex flex-col mt-[100px] bg-[#F0F0F0] '>
8
9
10
11     <div className='flex flex-col'>
12
13       /* black div */
14       <div className='flex flex-col h-auto md:h-[180px] lg:ml-[100px] bg-[#000000] rounded-2xl '>
15         <div className='flex flex-col justify-center mb-[44px] md:flex-row md:justify-evenly '><h1
16           className='w-auto md:w-[551px] h-[94px] text-[24px] font-medium md:font-extrabold md:text-[40px] text-
17             [FFFFFF] mt-10 '>STAY UPTO DATE ABOUT OUR LATEST OFFERS</h1><h2 className='flex flex-col md:w-[349px] h-
18             [108px] gap-[14px] mt-10 '><Button variant='apnaStyle' className='w-auto md:w-[349px] h-[48px] bg-
19             [FFFFFF] text-[#848080] '><Image src="/images/message box.svg" alt="email" width={24} height={24}/
20             ><input type="text" placeholder="Enter your email address"></input></Button>
21             <Button variant='apnaStyle' className='md:w-[349px] h-[48px] bg-[FFFFFF] text-[#000000] '><input
22             type="text" placeholder="Subscribe to news letter"></input></Button></h2></div>
23             </div>
24
25       /* black div end */
26
27       <div className='mt-[100px] '>
28
29       /* col div */
30
31     </div>
32   )
33 }
```

Brands

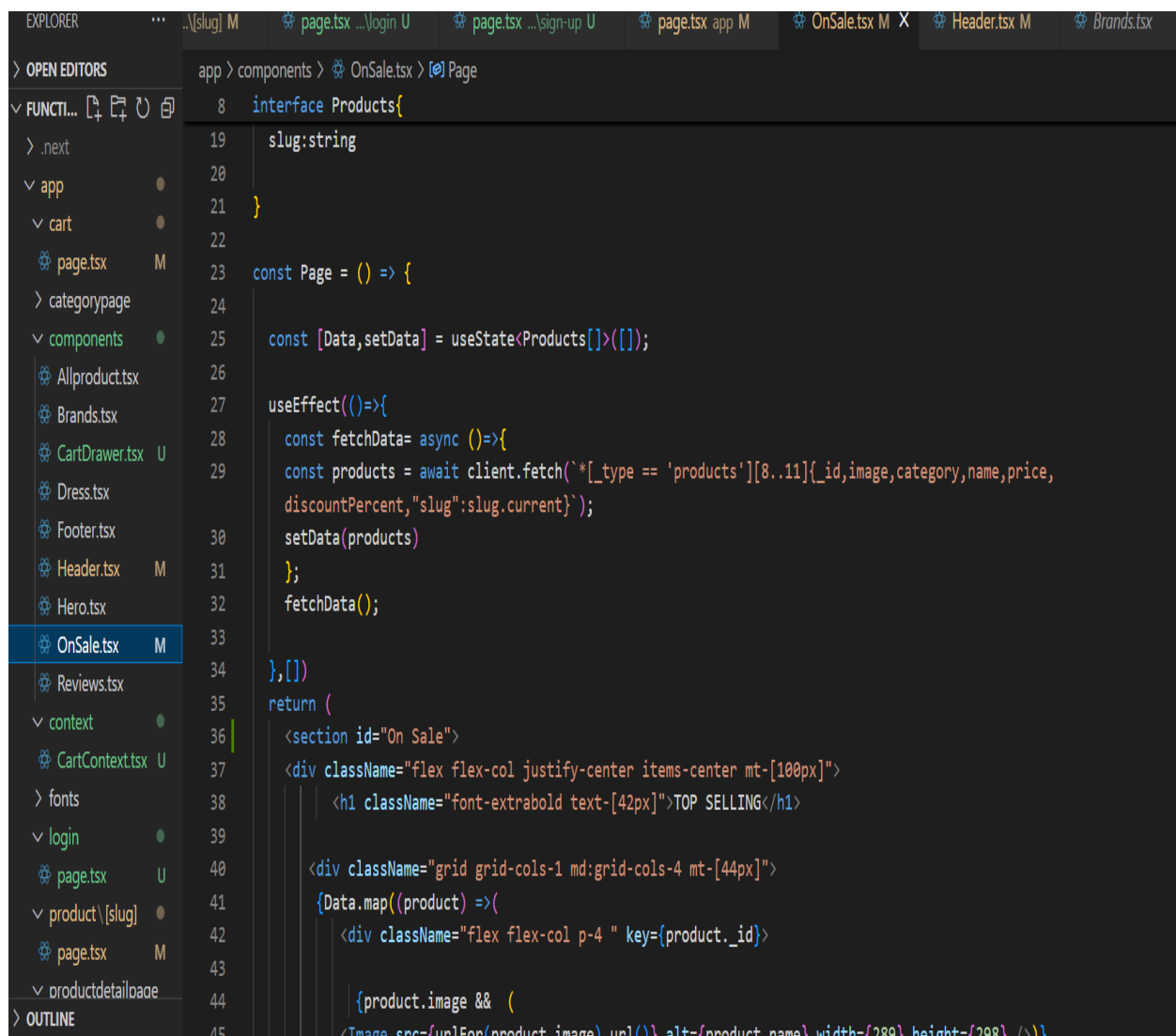
The brand component showcases various brands available in the store, allowing users to filter or explore users by brands.



```
app > components > Brands.tsx > Brands
1  import Image from "next/image"
2  import React from "react"
3
4  const Brands = () =>{
5    return(
6      <div>
7        <section id="Brands">
8          <div className='grid grid-cols-1 md:grid-cols-5 justify-center items-center gap-[32px] p-[32px] mt-[32px]
9            bg-[#000000]' >
10             <h1><Image src={"/images/Vector1.svg"}alt="couple"width={166} height={33}/></h1>
11             <h1><Image src={"/images/vector2.svg"}alt="couple"width={91} height={38}/></h1>
12             <h1><Image src={"/images/vector3.svg"}alt="couple"width={156} height={36}/></h1>
13             <h1><Image src={"/images/vector4.svg"}alt="couple"width={194} height={32}/></h1>
14             <h1><Image src={"/images/Vector5.svg"}alt="couple"width={206} height={33}/></h1>
15           </div>
16         </section>
17       </div>
18     )
19   }
20   export default Brands;
```

On Sale

The On Sale component highlights products that are currently on sale, displaying discounted prices and offers.



```
EXPLORER  ... \[slug] M  page.tsx ...login U  page.tsx ...sign-up U  page.tsx app M  OnSale.tsx M X  Header.tsx M  Brands.tsx

> OPEN EDITORS
app > components > OnSale.tsx > [0] Page
8  interface Products{
19  slug:string
20
21  }
22
23  const Page = () => {
24
25    const [Data,setData] = useState<Products[]>([]);
26
27    useEffect(()=>{
28      const fetchData= async ()=>{
29        const products = await client.fetch(`*[_type == 'products']{8..11}{_id,image,category,name,price,
30          discountPercent,"slug":slug.current}`);
31        setData(products)
32      };
33      fetchData();
34    },[])
35    return (
36      <section id="On Sale">
37        <div className="flex flex-col justify-center items-center mt-[100px]">
38          <h1 className="font-extrabold text-[42px]">TOP SELLING</h1>
39
40          <div className="grid grid-cols-1 md:grid-cols-4 mt-[44px]">
41            {Data.map((product) =>{
42              <div className="flex flex-col p-4 " key={product._id}>
43
44                {product.image && (
45                  <Image src={urlFor(product.image).url()} alt={product.name} width={289} height={298} />)}
46            )}
47          </div>
48        </div>
49      </section>
50    )
51  }
52  export default Page;
```

Self-Validation Checklist

Frontend component development



Styling and Responsiveness



Code Quality



Documentation and Submission

