Web Technology Lab Project

for

E-Commerce Clothing Website

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IV F

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1. Frontend

1.1 Src

1.1.1 Index.js

```
import React from 'react';
import ReactDOM from 'react-dom/client';
import './index.css';
import App from './App';
import reportWebVitals from './reportWebVitals';
import ShopContextProvider from './Context/ShopContext';

const root = ReactDOM.createRoot(document.getElementById('root'));
root.render(
  <React.StrictMode>
    <ShopContextProvider>
      <App />
    </ShopContextProvider>

  </React.StrictMode>
);
reportWebVitals();
```

1.1.2 index.css

```
*{
  margin: 0;
}
body {
  margin: 0;
  font-family: -apple-system, BlinkMacSystemFont, 'Segoe UI', 'Roboto', 'Oxygen',
    'Ubuntu', 'Cantarell', 'Fira Sans', 'Droid Sans', 'Helvetica Neue',
    sans-serif;
  -webkit-font-smoothing: antialiased;
  -moz-osx-font-smoothing: grayscale;
  font-family: 'poppins';
}

code {
  font-family: source-code-pro, Menlo, Monaco, Consolas, 'Courier New',
    monospace;
}
```

1.1.3 App.js

```
import './App.css';
import Navbar from './Components/Navbar/Navbar';
import { BrowserRouter, Routes} from 'react-router-dom';
import { Route } from 'react-router';
import ShopCategory from './Pages/ShopCategory';
import Shop from './Pages/Shop';
import Product from './Pages/Product';
import LoginSignup from './Pages/LoginSignup';
import Cart from './Pages/Cart';
```

```
import Footer from './Components/Footer/Footer';
import men_banner from './Components/Assets/banner_mens.png'
import women_banner from './Components/Assets/banner_women.png'
import kid_banner from './Components/Assets/banner_kids.png'

function App() {
  return (
    <div>
      <BrowserRouter>
      <Navbar/>
      <Routes>
        <Route path="/" element={<Shop/>}/>
        <Route path="/mens" element={<ShopCategory banner={men_banner} category="men"/>}/>
        <Route path="/womens" element={<ShopCategory banner={women_banner} category="women"/>}/>
        <Route path="/kids" element={<ShopCategory banner={kid_banner} category="kid"/>}/>
        <Route path="/product" element={<Product/>}>
          <Route path=":productID" element={<Product/>}/>
        </Route>
        <Route path="/cart" element={<Cart/>}/>
        <Route path="/login" element={<LoginSignup/>}/>
      </Routes>
      <Footer/>
      </BrowserRouter>
    </div>
  );
}

export default App;
```

1.1.4   App.css

```
.App {
  text-align: center;
}

.App-logo {
  height: 40vmin;
  pointer-events: none;
}

@media (prefers-reduced-motion: no-preference) {
  .App-logo {
    animation: App-logo-spin infinite 20s linear;
  }
}

.App-header {
  background-color: #282c34;
  min-height: 100vh;
  display: flex;
  flex-direction: column;
  align-items: center;
  justify-content: center;
  font-size: calc(10px + 2vmin);
  color: white;
}

.App-link {
  color: #61dafb;
}
```

```
@keyframes App-logo-spin {
  from {
    transform: rotate(0deg);
  }
  to {
    transform: rotate(360deg);
  }
}
```

1.1.5 Pages

1.1.5.1 Cart.jsx

```
import React from 'react'
import CartItems from '../Components/CartItems/CartItems'

const Cart = () => {
  return (
    <div>
      <CartItems />
    </div>
  )
}

export default Cart
```

1.1.5.2 LoginSignup.jsx

```
import React, {useState} from 'react'
import "./CSS/LoginSignup.css"

const LoginSignup = () => {

  const [state, setState] = useState("Login");

  const [formData, setFormData] = useState({
    username: "",
    password: "",
    email: ""
  })

  const changeHandler = (e) =>{
    setFormData({...formData, [e.target.name]:e.target.value})
  }

  const login = async() =>{
    console.log("Login Function Executed", formData);
    let responseData;
    await fetch('http://localhost:4000/login',{
      method: "POST",
      headers:{
        Accept: 'application/form-data',
        'Content-Type': 'application/json',
      },
      body: JSON.stringify(formData),
    })
    .then((response)=>response.json())
    .then((data)=>responseData=data)
    console.log("ResponseData: ",responseData)
    if (responseData.success){
      localStorage.setItem('auth-token', responseData.token);
```

```
      window.location.replace("/");
    } else {
      alert(responseData.error);
    }

  }

  const signup = async() =>{
    console.log("Sign Up Function Executed", formData);
    let responseData;
    await fetch('http://localhost:4000/signup',{
      method: "POST",
      headers:{
        Accept: 'application/form-data',
        'Content-Type': 'application/json',
      },
      body: JSON.stringify(formData),
    })
    .then((response)=>response.json())
    .then((data)=>responseData=data)
    console.log("ResponseData: ",responseData)
    if (responseData.success){
      localStorage.setItem('auth-token', responseData.token);
      window.location.replace("/");
    } else {
      alert(responseData.error)
    }
  }

  return (
    <div className='loginsignup'>
      <div className="loginsignup-container">
        <h1>{state}</h1>
        <div className="loginsignup-fields">
          {state==="Sign Up"?<input name="username" value={formData.username} onChange={changeHandler} type="text"
placeholder="Your Name"/>:<></>}
          <input name="email" value={formData.email} onChange={changeHandler} type="email" placeholder="Your Email"/>
          <input name="password" value={formData.password} onChange={changeHandler} type="password" placeholder="Your
password"/>
        </div>
        <button onClick={()=>{state==="Login"?login():signup()}} >Continue</button>
        {state==="Sign Up"?
        <p className="loginsignup-login">Already have an account? <span onClick={()=>{setState("Login")}} >Login
Here</span></p>
        :<p className="loginsignup-login">Create an account? <span onClick={()=>{setState("Sign Up")}} >Click Here</span></p>}


        <div className="loginsignup-agree">
          <input type="checkbox" name="" id=""/>
          <p>By continuing, I agree to the terms of use and privacy policy.</p>
        </div>
      </div>
    </div>
  )
}

export default LoginSignup


1.1.5.3  Product.jsx
import  React , { useContext }  from 'react'
import { ShopContext } from '../Context/ShopContext'
```

```jsx
import Breadcrums from '../Components/Breadcrums/Breadcrums';
import ProductDisplay from '../Components/ProductDisplay/ProductDisplay';
import { useParams } from "react-router-dom";
import DescriptionBox from '../Components/DescriptionBox/DescriptionBox';
import RelatedProducts from '../Components/RelatedProducts/RelatedProducts';

const Product = () => {

  const {all_product} = useContext(ShopContext);
  const {productID} = useParams();
  const product = all_product.find((e)=>e.id === Number(productID));

  return (
    <div className='product'>
      <Breadcrums product={product} />
      <ProductDisplay product={product} />
      <DescriptionBox />
      <RelatedProducts />
    </div>
  )
}

export default Product
```

1.1.5.4 Shop.jsx

```jsx
import React from 'react'
import Hero from '../Components/Hero/hero'
import Popular from '../Components/Popular/Popular'
import Offers from '../Components/Offers/Offers'
import NewCollections from '../Components/NewCollections/NewCollections'
import NewsLetter from '../Components/NewsLetter/NewsLetter'

const Shop = () => {
  return (
    <div>
      <Hero/>
      <Popular/>
      <Offers/>
      <NewCollections/>
      <NewsLetter/>
    </div>
  )
}

export default Shop
```

1.1.5.5 ShopCategory.jsx

```jsx
import React, { useContext } from 'react'
import './CSS/ShopCategory.css'
import { ShopContext } from '../Context/ShopContext'
import dropdown_icons from '../Components/Assets/dropdown_icon.png'
import Item from "../Components/Item/Item"

const ShopCategory = (props) => {
  const {all_product} = useContext(ShopContext);
  return (
    <div className="shop-category">
      <img className='shopcategory-banner' src={props.banner} alt=""/>
      <div className="shopcategory-indexSort">
        <p>
          <span>Showing 1-12</span> out of 36 products
```

```
        </p>
        <div className="shopcategory-sort">
          Sort by <img src={dropdown_icons} alt=""/>
        </div>
      </div>
      <div className="shopcategory-products">
      {all_product.map((item, i)=>{
      console.log('props.category: ', props.category);
      console.log('item.category: ', item.category);
      if (props.category === item.category) {
          return <Item key={i} id={item.id} name={item.name} image={item.image} new_price={item.new_price}
old_price={item.old_price} />
      } else {
        return null;
      }
      })}
      </div>
      <div className="shopcategory-loadmore">
       Explore More
      </div>
    </div>
  )
}

export default ShopCategory;
```

1.1.5.6   CSS

1.1.5.6.1   ShopCategory.css

```
.shopcategory-banner{
   display: block;
   margin: 30px auto;
   width: 82%;
}
.shopcategory-indexSort{
   display: flex;
   margin: 0px 170px;
   justify-content: space-between;
   align-items: center;
}
.shopcategory-sort{
   padding: 10px 20px;
   border-radius: 40px;
   border: 1px solid #888;
}

.shopcategory-indexSort p span{
   font-weight: 600;
}

.shopcategory-products{
   margin: 20px 170px;
   display: grid;
   grid-template-columns: 1fr 1fr 1fr 1fr;
   row-gap: 80px;
   gap: 10px;
}

.shopcategory-loadmore{
   display: flex;
   justify-content: center;
```

```
   align-items: center;
   margin: 150px auto;
   width: 233px;
   height: 69px;
   border-radius: 75px;
   background:#ededed;
   color: #787878;
   font-size: 18px;
   font-weight: 500;
}
```

1.1.5.6.2   LoginSignup.css

```
.loginsignup{
   width: 100%;
   height: 80vh;
   background: #fce3fe;
   padding-top: 100px;
}

.loginsignup-container{
   width: 580px;
   height: 600px;
   background: white;
   margin: auto;
   padding: 40px 60px;
}
.loginsignup-container h1{
   margin: 20px 0px;
}
.loginsignup-fields{
   display: flex;
   flex-direction: column;
```

```css
    gap:29px;
    margin-top: 30px;
}
.loginsignup-fields input{
    height: 72px;
    width: 100%;
    padding-left: 20;
    border: 1px solid #c9c9c9;
    outline: none;
    color: #5c5c5c;
    font-size: 18px;
}
.loginsignup-container button{
    width: 100%;
    height: 72px;
    color: white;
    background: #ff4141;
    margin-top: 30px;
    border: none;
    font-size: 24px;
    font-weight: 500;
    cursor: pointer;
}
```

```css
}
.loginsignup-login{
    margin-top: 20px;
    color: #5c5c5c;
    font-size: 18px;
    font-weight: 500;
}
.loginsignup-login span{
    color: #ff4141;
    font-weight: 600;
}


.loginsignup-agree{
    display: flex;
    align-items: center;
    margin-top: 25px;
    gap: 20px;
    color: #5c5c5c;
    font-size: 18px;
    font-weight: 500;
}
```

1.1.6 Context

1.1.6.1   ShopContext.jsx

```jsx
import React, { createContext, useState, useEffect } from "react";

export const ShopContext = createContext(null);

const getDefaultCart = () =>{
    let cart={};
    for (let index = 0; index < 300+1; index++) {
        cart[index] = 0;
    }
    return cart;
}

const ShopContextProvider = (props) => {

    const [all_product, setAll_Product] = useState([]);
    const [cartItems, setCartItems] = useState(getDefaultCart());

    useEffect(()=>{
        fetch('http://localhost:4000/allproducts')
        .then((response)=>response.json())
        .then((data)=>setAll_Product(data))

        if (localStorage.getItem('auth-token')){
            fetch('http://localhost:4000/getcart',{
                method:'POST',
                headers:{
                    Accept: 'application/form-data',
                    'auth-token':`${localStorage.getItem('auth-token')}`,
                    'Content-Type': 'application/json',
                },
                body: "",
            })
            .then((response)=>console.log(response))
```

```javascript
            // .then((data)=>setCartItems(data));
        }
    },[])

    const addToCart = (itemId) => {
        setCartItems((prev)=>({...prev,[itemId]:prev[itemId]+1}))
        if(localStorage.getItem('auth-token')){
            fetch('http://localhost:4000/addtocart',{
                method:'POST',
                headers:{
                    Accept: 'application/form-data',
                    'auth-token':`${localStorage.getItem('auth-token')}`,
                    'Content-Type': 'application/json',
                },
                body: JSON.stringify({'itemId': itemId}),
            })
            .then((response)=>response.json)
            .then((data)=>console.log(data));
        }
    }

    const removeFromCart = (itemId) => {
        setCartItems((prev)=>({...prev, [itemId]:prev[itemId]-1}));
        if (localStorage.getItem('auth-token')){
            fetch('http://localhost:4000/removefromcart',{
                method:'POST',
                headers:{
                    Accept: 'application/form-data',
                    'auth-token':`${localStorage.getItem('auth-token')}`,
                    'Content-Type': 'application/json',
                },
                body: JSON.stringify({'itemId': itemId}),
            })
            .then((response)=>response.json)
            .then((data)=>console.log(data));
        }
    }

    const getTotalCartAmount = () =>{
        let totalAmount = 0;
        for(const item in cartItems){
            if (cartItems[item] > 0){
                let itemInfo = all_product.find((product)=>(product.id===Number(item)));
                totalAmount += itemInfo.new_price * cartItems[item];
            }
        }
        return totalAmount;
    }

    const getTotalCartItems = () => {
        let totalItem = 0;
        for (const item in cartItems){
            if (cartItems[item] > 0){
                totalItem += cartItems[item];
            }
        }
        return totalItem;
    }

    const contextValue = {getTotalCartItems,getTotalCartAmount,all_product, cartItems, addToCart, removeFromCart};
```

```
    return (
       <ShopContext.Provider value={contextValue}>
          {props.children}
       </ShopContext.Provider>
    )
}

export default ShopContextProvider;
```

1.1.7   Components

1.1.7.1   Breadcrums

1.1.7.1.1   Breadcrums.jsx

```
import React from 'react'
import './Breadcrums.css'
import arrow_icon from '../Assets/breadcrum_arrow.png'

const Breadcrums = (props) => {
    const {product} = props;
  return (
    <div className='breadcrum'>
       HOME <img src={arrow_icon} alt=""/> SHOP <img src={arrow_icon} alt=""/> {product.category} <img src={arrow_icon}
alt=""/> {product.name}
    </div>
  )
}

export default Breadcrums
```

1.1.7.1.2   Breadcrums.css

```
.breadcrum{
    display: flex;
    align-items: center;
    gap: 8px;
    color: #5e5e5e;
    font-size: 16px;
    font-weight: 600;
    margin: 60px 170px;
    text-transform: capitalize;
}
```

1.1.7.2   CartItems

1.1.7.2.1   CartItems.jsx

```
import React, { useContext } from 'react'
import './CartItems.css'
import { ShopContext } from '../../Context/ShopContext'
import remove_icon from '../Assets/cart_cross_icon.png'

const CartItems = () => {
    const {getTotalCartAmount, all_product, cartItems, removeFromCart } = useContext(ShopContext);

    return (
       <div className='cartitems'>
          <div className="cartitems-format-main">
```

```jsx
                    <p>Products</p>
                    <p>Title</p>
                    <p>Price</p>
                    <p>Quantity</p>
                    <p>Total</p>
                    <p>Remove</p>
                </div>
                <hr />
                {all_product.map((e) => {
                    if (cartItems[e.id] !== undefined && cartItems[e.id] > 0) {
                        return (
                            <div key={e.id}>
                                <div className="cartitems-format cartitems-format-main">
                                    <img src={e.image} alt="" className='cartitems-product-icon' />
                                    <p>{e.name}</p>
                                    <p>${e.new_price}</p>
                                    <button className="cartitems-quantity">{cartItems[e.id]}</button>
                                    <p>${e.new_price * cartItems[e.id]}</p>
                                    <img className='cartitems-remove-icons' src={remove_icon} onClick={() => { removeFromCart(e.id) }} alt=""
/>
                                </div>
                                <hr />
                            </div>
                        );
                    }
                    return null;
                })}
                <div className="cartitems-down">
                    <div className="cartitems-total">
                        <h1>Cart Totals</h1>
                        <div>
                            <div className="cartitems-total-items">
                                <p>Subtotal</p>
                                <p>${getTotalCartAmount()}</p>
                            </div>
                            <hr />
                            <div className="cartitems-total-items">
                                <p>shipping Fee</p>
                                <p>Free</p>
                            </div>
                            <hr />
                            <div className="cartitems-total-items">
                                <h3>Total</h3>
                                <h3>${getTotalCartAmount()}</h3>
                            </div>
                        </div>
                        <button>PROCEED TO CHECKOUT</button>
                    </div>
                    <div className="cartitems-promocode">
                        <p>If you have a promo code, enter it here:</p>
                        <div className="cartitems-promobox">
                            <input type="text" placeholder='promo code' />
                            <button>Submit</button>
                        </div>
                    </div>
                </div>
            </div>
        );
    }

export default CartItems;
```

1.1.7.2.2 CartItems.css

```css
.cartitems{
    margin: 100px 170px;
}
.cartitems hr{
    height: 3px;
    background: #e2e2e2;
    border: 0;
}
.cartitems-format-main{
    display: grid;
    grid-template-columns: 0.5fr 2fr 1fr 1fr 1fr 1fr;
    align-items: center;
    gap: 75px;
    padding: 20px 0px;
    color: #454545;
    font-size:18px;
    font-weight: 600;
}
.cartitems-format{
    font-size: 17px;
    font-weight: 500;
}
.cartitems-product-icon{
    height: 62px;
}
.cartitems-remove-icons{
    width: 15px;
    margin: 0px 40px;
    cursor: pointer;
}
.cartitems-quantity{
    width: 64px;
    height: 50px;
    border: 2px solid #ebebeb;
    background: #fff;
}
.cartitems-down{
    display: flex;
    margin: 100px 0px;
}
.cartitems-total{
    flex: 1;
    display: flex;
    flex-direction: column;
    margin-right: 200px;
    gap: 4px;
}
```

```css
.cartitems-total-items{
    display: flex;
    justify-content: space-between;
    padding: 15px 0px;
}
.cartitems-total button{
    width: 262px;
    height: 58px;
    outline: none;
    border: none;
    background: #ff5a5a;
    color: #fff;
    font-size: 16px;
    font-weight: 600;
    cursor: pointer;
}

.cartitems-promocode{
    flex: 1;
    font-size: 16px;
    font-weight: 500;
}

.cartitems-promocode p{
    color: #555;
}

.cartitems-promobox{
    width: 504px;
    margin-top: 15px;
    padding-left: 20px;
    height: 58px;
    background: #eaeaea;
}
.cartitems-promobox input{
    border: none;
    outline: none;
    background: transparent;
    font-size: 16px;
    width: 330px;
    height: 50px;
}
.cartitems-promobox button{
    width: 170px;
    height: 58px;
    font-size: 16px;
    background: black;
    color: white;
    cursor: pointer;
}
```

1.1.7.3 DescriptionBox

1.1.7.3.1 DescriptionBox.jsx

```
import React from 'react'
import './DescriptionBox.css'

const DescriptionBox = () => {
  return (
    <div className='descriptionbox'>
      <div className="descriptionbox-navigator">
        <div className="descriptionbox-nav-box">Description</div>
        <div className="descriptionbox-nav-box fade">Reviews (122)</div>
      </div>
      <div className="descriptionbox-description">
        <p>A website that allows people to buy and sell physical goods, services, and digital products over the internet rather than at a
brick-and-mortar location. Through an e-commerce website, a business can process orders, accept payments, manage shipping and
logistics, and provide customer service.</p>
        <p>An e-commerce website is one that allows people to buy and sell physical goods, services, and digital products over the
internet rather than at a brick-and-mortar location. Through an e-commerce website, a business can process orders, accept payments,
manage shipping and logistics, and provide customer service.</p>
      </div>
    </div>
  )
}

export default DescriptionBox
```

1.1.7.3.2 DescriptionBox.css

```
.descriptionbox{
    margin: 120px 170px;
}
.descriptionbox-navigator{
    display: flex;
    margin: auto;
}
.descriptionbox-nav-box{
    display: flex;
    align-items: center;
    justify-content: center;
    font-size: 16px;
    font-weight: 600;
    width: 171px;
    height: 70px;
    border: 1px solid #d0d0d0;
}

.descriptionbox-nav-box.fade{
    background: #fbfbfb;
    color: #555;
}
.descriptionbox-description{
    display: flex;
    flex-direction: column;
    gap: 25px;
    border: 1px solid #d0d0d0;
    padding: 48px;
    padding-bottom: 70px;}
```

1.1.7.4 Footer

1.1.7.4.1 Footer.jsx

```
import React from 'react'
```

```jsx
import './Footer.css'
import footer_logo from '../Assets/logo_big.png'
import instagram_icon from '../Assets/instagram_icon.png'
import pinterest_icon from "../Assets/pintester_icon.png"
import whatsapp_icon from "../Assets/whatsapp_icon.png"

const Footer = () => {
  return (
    <div className="footer">
      <div className="footer-logo">
        <img src={footer_logo} alt=""/>
        <p>Shopper</p>
      </div>
      <ul className="footer-links">
        <li>Company</li>
        <li>Products</li>
        <li>Offices</li>
        <li>About</li>
        <li>Contact</li>
      </ul>
      <div className="footer-social-icon">
        <div className="footer-icons-container">
          <img src={instagram_icon} alt=""/>
        </div>
        <div className="footer-icons-container">
          <img src={pinterest_icon} alt=""/>
        </div>
        <div className="footer-icons-container">
          <img src={whatsapp_icon} alt=""/>
        </div>
      </div>
      <div className="footer-copyright">
        <hr/>
        <p>Copyright @ 2023 All Rights Reserved.</p>
      </div>
    </div>
  )
}

export default Footer
```

1.1.7.4.2 Footer.css

```css
.footer{
    display: flex;
    flex-direction: column;
    justify-content: center;
    align-items: center;
    gap: 50px;
}

.footer-logo{
    display: flex;
    align-items: center;
    gap: 20px;
}

.footer-logo p{
    color: #383838;
    font-size: 46px;
    font-weight: 700;
}

.footer-links{
    display: flex;
    list-style: none;
    gap: 50px;
    color: #252525;
    font-size: 20px;
}

.footer-links li{
    cursor: pointer;
}

.footer-social-icon{
    display: flex;
    gap:20px;
}

.footer-icons-container{
```

```
      padding: 10px;                                  margin-bottom: 30px;
      padding-bottom: 6px;                            color: #1a1a1a;
      background: #fbfbfb;                            font-size: 20px;
      border: 1px solid #ebebeb;                  }
}                                               .footer-copyright hr{
                                                    width:80%;
.footer-copyright{                                  border: none;
    display: flex;                                  border-radius: 10px;
    flex-direction: column;                         height: 3px;
    align-items: center;                            background: #c7c7c7;
    gap: 30px;                                  }
    width: 100%;
```

1.1.7.5   Hero

1.1.7.5.1   Hero.jsx

```
import React from 'react'
import './Hero.css'
import hand_icon from '../Assets/hand_icon.png'
import arrow_icon from '../Assets/arrow.png'
import hero_image from '../Assets/hero_image.png'

const Hero = () => {
 return (
   <div className='hero'>
     <div className="hero-left">
        <h2>NEW ARRIVALS ONLY</h2>
        <div>
           <div className="hero-hand-icon">
              <p>new</p>
              <img src={hand_icon} alt=""/>
              <p>collections</p>
              <p>for everyone</p>
           </div>
           <div className="hero-latest-btn">
              <div>Latest Collection</div>
              <img src={arrow_icon} alt="" />
           </div>
        </div>
     </div>
     <div className="hero-right">
        <img src={hero_image} alt="/>
     </div>
   </div>
 )
}

export default Hero
```

1.1.7.5.2   Hero.css

```
.hero {                                                      padding-left: 180px;
   height: 100vh;              .hero-left {                  line-height: 1.1;
   background: linear-            flex:1;                   }
gradient(180deg, #fde1ff, #e1ffea22   display: flex;
60%);                             flex-direction: column;   .hero-left h2{
   display: flex;                 justify-content: center;     color: #090909;
}                                 gap: 20px;                    font-size:50px;
```

```css
    font-weight: 600;
}
.hero-left p{
    color: #171717;
    font-size: 100px;
    font-weight: 700;
}

.hero-hand-icon {
    /* display: flex; */
    align-items: center;
    gap:20px;
}
```

```css
.hero-hand-icon img{
    width: 70px;
}


.hero-latest-btn {
    display: flex;
    justify-content: center;
    align-items: center;
    gap:15px;
    width: 300px;
    height: 70px;
    border-radius: 75px;
    margin-top: 30px;
    background: #ff4141;
```

```css
    color: white;
    font-size: 22px;
    font-weight: 500;
}

.hero-right {
    flex: 1;
    display: flex;
    align-items: center;
    justify-content: center;

}
```

1.1.7.6   Item

1.1.7.6.1   Item.jsx

```jsx
import React from 'react'
import './Item.css'
import { Link } from 'react-router-dom';

const Item = (props) => {
  return (
    <div className="item">
      <Link to={`/product/${props.id}`}><img onClick={window.scrollTo(0,0)} src={props.image} alt=""/></Link>
      <p>{props.name}</p>
      <div className="item-prices">
        <div className="item-price-new">
          ${props.new_price}
        </div>
        <div className="item-price-new">
          ${props.old_price}
        </div>
      </div>
    </div>
  )
}

export default Item
```

1.1.7.6.2   Item.css

```css
.item {
    width: 350px;
}
.item p {
    margin: 6px 0px;
}
.item-prices{
    display: flex;
    gap: 20px;
}
.item-price-new{
    color: #374151;
    font-size: 18px;
    font-weight: 600;
}
.item-price-old{
```

```
    color: #8c8c8c;
    font-size: 18px;
    font-weight: 500;
    text-decoration: line-through;
}
.item:hover{
    transform:scale(1.05);
    transition: 0.6s;
}
```

1.1.7.7 Navbar

1.1.7.7.1 Navbar.jsx

```jsx
import React, { useContext, useState } from "react";
import './Navbar.css'

import logo from '../Assets/logo.png'
import cart_icon from '../Assets/cart_icon.png'
import { Link } from "react-router-dom";
import { ShopContext } from "../../Context/ShopContext";


const Navbar = () => {
    const [menu, setMenu] = useState("shop");
    const {getTotalCartItems} = useContext(ShopContext)
  return (
    <div className='navbar'>
      <div className="nav-logo">
        <img src={logo} alt=""/>
        <p>Shopper</p>
      </div>
      <ul className="nav-menu">
        <li onClick={()=>{setMenu("shop")}}><Link style={{ textDecoration: 'none' }} to='/'>Shop</Link>{menu==="shop"?
<hr/>:<></>}</li>
        <li onClick={()=>{setMenu("mens")}}><Link style={{ textDecoration: 'none' }} to='/mens'>Mens</Link>{menu==="mens"?
<hr/>:<></>}</li>
        <li onClick={()=>{setMenu("women")}}><Link style={{ textDecoration: 'none' }}
to='/womens'>Womens</Link>{menu==="women"? <hr/>:<></>}</li>
        <li onClick={()=>{setMenu("kids")}}><Link style={{ textDecoration: 'none' }} to='/kids'>Kids</Link>{menu==="kids"?
<hr/>:<></>}</li>
      </ul>
      <div className="nav-login-cart">
        {localStorage.getItem('auth-token')
        ?<button onClick={()=>{localStorage.removeItem('auth-token'); window.location.replace('/');}}>Logout</button>
        :<Link to='/login'><button>Login</button></Link>}

      <Link to='/cart'><img src={cart_icon} alt=""/></Link>
        <div className="nav-cart-count">{getTotalCartItems()}</div>
      </div>
    </div>
  )
}

export default Navbar
```

1.1.7.7.2 Navbar.css

```css
.navbar {                              justify-content: space-around;              box-shadow: 0 1px 3px -2px black;
    display: flex;                     padding:16 px;                              }
```

```css
.nav-logo {
   display: flex;
   align-items: center;
   gap: 10px;
}
.nav-logo p{
   color: #171717;
   font-size: 38px;
   font-weight: 600;
}
.nav-menu {
   display: flex;
   align-items: center;
   list-style: none;
   gap: 50px;
   color: #626262;
   font-size: 20px;
   font-weight: 600;
}

.nav-menu li {
   display: flex;
   flex-direction: column;
   align-items: center;
   justify-content: center;
   gap: 3px;
   cursor: pointer;
}

.nav-menu hr {
   border: none;
   width: 80%;
   height: 3px;
```
```css
   border-radius: 10px;
   background: #FF4141;
}
.nav-login-cart{
   display: flex;
   align-items: center;
   gap: 45px;
}

.nav-login-cart button{
   width: 157px;
   height: 58px;
   outline: none;
   border: 1px solid #7a7a7a;
   border-radius: 75px;
   color: #515151;
   font-size: 20px;
   font-weight: 500;
   background: white;
   cursor: pointer;
}
.nav-login-cart button:active{
   background: #f3f3f3;
}

.nav-cart-count{
   width: 22px;
   height: 22px;
   display: flex;
   justify-content: center;
   align-items: center;
   margin-top: -35px;
   margin-left: -55px;
```
```css
   border-radius: 11px;
   font-size: 14px;
   background: red;
   color: white;
}

@media(max-width: 1280px){
   .navbar {
       padding:12px 50px;
   }
   .nav-logo img {
       width: 40px;
   }
   .nav-logo p{
       font-size: 25px;
   }
   .nav-menu {
       gap: 30px;
       font-size: 16px;
   }
   .nav-login-cart{
       gap: 30px;
   }
   .nav-login-cart button{
       width: 120px;
       height: 45px;
       font-size: 16px;
   }
   .nav-cart-count{
       margin-left: -40px;
       font-size: 12px;
   }
}
```

1.1.7.8   NewCollections

1.1.7.8.1   NewCollections.jsx

```jsx
import React, {useState, useEffect} from 'react'
import "./NewCollections.css"
// import new_collection from "../Assets/new_collections"
import Item from "../Item/Item"

const NewCollections = () => {
  const [newCollection, setNewCollection] = useState([]);

  useEffect(()=>{
    fetch('http://localhost:4000/newcollections')
    .then((response)=> response.json())
    .then((data)=>setNewCollection(data));
  },[])

  return (
    <div className="new-collections">
      <h1>NEW COLLECTIONS</h1>
      <hr/>
      <div className="collections">
        {newCollection.map((item, i)=>{
          return <Item key={i} id={item.id} name={item.name} image={item.image} new_price={item.new_price}
old_price={item.old_price} />
```

```
        })}
      </div>
    </div>
  )
}
```

export default NewCollections

1.1.7.8.2   NewCollections.css

```css
.new-collections{
    display: flex;
    flex-direction: column;
    align-items: center;
    gap: 10px;
    margin-bottom: 100px;
}
.new-collections h1{
    color: #171717;
    font-size:50px;
    font-weight: 600;
}
.new-collections hr {
    width: 200px;
    height: 6px;
    border-radius: 10px;
    background: #252525;
}
.collections{
    display: grid;
    grid-template-columns: 1fr 1fr 1fr 1fr;
    margin-top: 50px;
    gap: 30px;
}
```

1.1.7.9   NewsLetter

1.1.7.9.1   NewsLetter.jsx

```jsx
import React from 'react'
import './NewsLetter.css'

const NewsLetter = () => {
  return (
    <div className="newsletter">
      <h1>Get Exclusive Offers On Your Email</h1>
      <p>Subscribe to our newsletter and stay updated</p>
      <div>
        <input type="email" placeholder='Your email id' />
        <button>Subscribe</button>
      </div>
    </div>
  )
}
```

export default NewsLetter

1.1.7.9.2   NewsLetter.css

```css
.
newsletter{                                    width: 65%;                              height: 40vh;
```

```
    display: flex;
    flex-direction: column;
    align-items: center;
    justify-content: center;
    margin: auto;
    padding: 0px 140px;
    margin-bottom: 150px;
    background: linear-
gradient(180deg, #fde1ff, #e1ffea22
60%);
    gap: 30px;
}

.newsletter h1{
    color: #454545;
    font-size: 55px;
    font-weight: 600;
}
```

```
.newsletter p{
    color: #454545;
    font-size:20px;
}

.newsletter div{
    display: flex;
    align-items: center;
    justify-content: space-between;
    background: white;
    width: 730px;
    height: 70px;
    border-radius: 80px;
    border: 1px solid #e3e3e3;
}
.newsletter input{
    width: 500px;
```

```
    margin-left: 30px;
    border: none;
    outline: none;
    color: #616161;
    font-family: Poppins;
    font-size: 16px;
}

.newsletter div button{
    width: 210px;
    height: 70px;
    border-radius: 80px;
    background: black;
    color: white;
    font-size: 16px;
    cursor: pointer;

}
```

1.1.7.10   Offers

1.1.7.10.1   Offers.jsx

```jsx
import React from 'react'
import './Offers.css'
import exclusice_image from "../Assets/exclusive_image.png"

const Offers = () => {
  return (
    <div className="offers">
      <div className="offers-left">
        <h1>Exclusive</h1>
        <h1>Offes For You</h1>
        <p>ONLY ON THE BEST SELLERS PRODUCTS</p>
        <button>Check Now</button>
      </div>
      <div className="offers-right">
        <img src={exclusice_image} alt=""/>
      </div>
    </div>
  )
}

export default Offers
```

1.1.7.10.2   Offers.css

```css
.offers{
    width: 65%;
    height: 60vh;
    display: flex;
    margin: auto;
    padding: 0px 140px;
    margin-bottom: 150px;
    background: linear-
gradient(180deg, #fde1ff, #e1ffea22
60%);
}

.offers-left{
```

```css
    flex:1;
    display: flex;
    flex-direction: column;
    justify-content: center;
}

.offers-left h1{
    color: #171717;
    font-size: 80px;
    font-weight: 600;
}

.offers-left p{
```

```css
    color: #171717;
    font-size: 22px;
    font-weight: 600;
}
.offers-left button{
    width: 282px;
    height: 70px;
    border-radius: 35px;
    background: #ff4141;
    border: none;
    color: white;
    font-size: 22px;
    font-weight: 500;
```

```
    margin-top: 30px;              .offers-right{                justify-content: flex-end;
    cursor: pointer;                  flex: 1;                   padding-top: 50px;
}                                     display: flex;           }
                                      align-items: center;
```

1.1.7.11   Popular

1.1.7.11.1   Popular.jsx

```
import React, {useState, useEffect} from 'react'
import './Popular.css'
// import data_product from '../Assets/data'
import Item from "../Item/Item"

const Popular = () => {

  const [popularProducts, setPopularProducts] = useState([]);

  useEffect(()=>{
    fetch('http://localhost:4000/popularwomen')
    .then((response)=> response.json())
    .then((data)=>setPopularProducts(data));
  },[])
  console.log("PopularProduct: ", popularProducts);

  return (
    <div className="popular">
      <h1>POPULAR IN WOMEN</h1>
      <hr/>
      <div className="popular-item">
        {popularProducts.map((item, i)=>{
          return <Item key={i} id={item.id} name={item.name} image={item.image} new_price={item.new_price}
old_price={item.old_price} />

        })}
      </div>
    </div>
  )
}

export default Popular
```

1.1.7.11.2   Popular.css

```
.popular{
    display: flex;
    flex-direction: column;
    align-items: center;
    gap: 10px;
    height: 90vh;
}
.popular h1{
    color: #171717;
    font-size:50px;
    font-weight: 600;
}
.popular hr {
    width: 200px;
    height: 6px;
```

```
    border-radius: 10px;
    background: #252525;
}
.popular-item{
    margin-top: 50px;
    display: flex;
    gap: 30px;
}
```

1.1.7.12 ProductDisplay

1.1.7.12.1 ProductDisplay.jsx

```
import React, { useContext } from 'react'
import './ProductDisplay.css'
import star_icon from '../Assets/star_icon.png'
import star_dull_icon from '../Assets/star_dull_icon.png'
import { ShopContext } from '../../Context/ShopContext'


const ProductDisplay = (props) => {
    const {product} = props;
    const {addToCart} = useContext(ShopContext);

  return (
    <div className='productdisplay'>
      <div className="productdisplay-left">
        <div className="productdisplay-img-list">
          <img src={product.image} alt="" />
          <img src={product.image} alt="" />
          <img src={product.image} alt="" />
          <img src={product.image} alt="" />
        </div>
        <div className="productdisplay-img">
          <img className='productdisplay-main-img' src={product.image} alt="" />
        </div>
      </div>
      <div className="productdisplay-right">
        <h1>{product.name}</h1>
        <div className="productdisplay-right-stars">
          <img src={star_icon} alt="" />
          <img src={star_icon} alt="" />
          <img src={star_icon} alt="" />
          <img src={star_icon} alt="" />
          <img src={star_dull_icon} alt="" />
          <p>(122)</p>
        </div>
        <div className="productdisplay-right-prices">
          <div className="productdisplay-right-price-old">${product.old_price}</div>
          <div className="productdisplay-right-price-new">${product.new_price}</div>
        </div>
        <div className="productdisplay-right-description">
          A lightweigth, usually knitted, pullover shirt, close fitting and with a round neckline
          and short sleeves, worn as an undershirt or outer garment.
        </div>
        <div className="productdisplay-right-size">
          <h1>Select Size</h1>
          <div className="productdisplay-right-sizes">
            <div>S</div>
            <div>M</div>
            <div>L</div>
```

```jsx
                <div>XL</div>
                <div>XXL</div>
            </div>
        </div>
        <button onClick={()=>{addToCart(product.id)}} >ADD TO CART</button>
        <p className="productdisplay-right-category"> <span>Category: </span>{product.category}, T-shirt, Crop Top</p>
        <p className="productdisplay-right-category"> <span>Tags: </span>Modern, Latest</p>
      </div>
    </div>
  )
}

export default ProductDisplay
```

1.1.7.12.2 ProductDisplay.css

```css
.productdisplay {
    display: flex;
    margin: 0px 170px;
}
.productdisplay-left {
    display: flex;
    gap: 17px;
}
.productdisplay-img-list {
    display: flex;
    flex-direction: column;
    gap: 16px;
}
.productdisplay-img-list img {
    height: 163px;
}
.productdisplay-main-img {
    width: 586px;
    height: 700px;
}

.productdisplay-right {
    margin: 0px 70px;
    display: flex;
    flex-direction: column;
}
.productdisplay-right h1 {
    color: #3d3d3d;
    font-size: 40px;
    font-weight: 700;
}

.productdisplay-right-stars {
    display: flex;
    align-items: center;
    margin-top: 13px;
    gap: 5px;
    color: #1c1c1c;
    font-size: 16px;
}
.productdisplay-right-prices {
    display: flex;
    margin: 40px 0px; /* removed
comma here */
    gap: 30px;
    font-size: 24px;
    font-weight: 700;
}
.productdisplay-right-price-old {
    color: #818181;
    text-decoration: line-through;
}
.productdisplay-right-price-new {
    color: #ff4141;
}
.productdisplay-right-size h1 {
    margin-top: 55px;
    color: #656565;
    font-size: 20px;
    font-weight: 600;
}
.productdisplay-right-sizes {
    display: flex;

    margin: 30px 0px;
    gap: 20px;
}
.productdisplay-right-sizes div {
    padding: 18px 24px;
    background: #fbfbfb;
    border: 1px solid #ebebeb;
    border-radius: 3px;
    cursor: pointer;
}
.productdisplay-right button {
    padding: 20px 40px;
    width: 200px;
    font-size: 16px;
    font-weight: 600;
    color: white;
    background: #ff4141;
    margin-bottom: 40px;
    border: none;
    outline: none;
    cursor: pointer;
}
.productdisplay-right-category {
    margin-top: 10px;
}

.productdisplay-right-category span {
    font-weight: 600;
}
```

1.1.7.13 RelatedProducts

1.1.7.13.1 RelatedProducts.jsx

```jsx
import React from 'react'
import './RelatedProducts.css'
import data_product from "../Assets/data"
import Item from "../Item/Item"

const RelatedProducts = () => {

  return (
```

```jsx
    <div className='relatedproducts'>
      <h1>Related Products</h1>
      <hr/>
      <div className="relatedproducts-items">
        {data_product.map((item, i)=>{
          return <Item key={i} id={item.id} name={item.name} image={item.image} new_price={item.new_price}
old_price={item.old_price} />
        })}
      </div>

    </div>
  )
}

export default RelatedProducts
```

1.1.7.13.2   RelatedProducts.css

```css
.relatedproducts{
   display: flex;
   flex-direction: column;
   align-items: center;
   gap: 10px;
   height: 90vh;
}
.relatedproducts h1{
   color: #171717;
   font-size: 50px;
   font-weight: 600;
}
.relatedproducts hr{
   width: 200px;
   height: 6px;
   border-radius: 10px;
   background: #252525;
}
.relatedproducts-items{
   margin-top: 50px;
   display: flex;
   gap: 30px;
}
```

2. Admin

2.1 Src

2.1.1 Main.jsx

```
import React from 'react'
import ReactDOM from 'react-dom/client'
import App from './App.jsx'
import './index.css'
import {BrowserRouter} from 'react-router-dom'

ReactDOM.createRoot(document.getElementById('root')).render(
  <React.StrictMode>
    <BrowserRouter>
    <App />
    </BrowserRouter>
  </React.StrictMode>,
)
```

2.1.2 App.jsx

```
import React from 'react'
import Navbar from './Components/Navbar/Navbar'
import Admin from './Pages/Admin/Admin'

const App = () => {
  return (
    <div className="">
      <Navbar />
      <Admin />
    </div>
  )
}

export default App
```

2.1.3 Index.css

```
body {
  margin: 0;
  font-family: 'Poppins';
  background-color: #f6f6f6;
  height: 100vh;
}
```

2.1.4 Pages/Admin

2.1.4.1 Admin.jsx

```
import React from 'react'
import './Admin.css'
import SideBar from '../../Components/SideBar/SideBar'
import {Routes, Route} from 'react-router-dom'
```

```
import AddProduct from '../../Components/AddProduct/AddProduct'
import ListProduct from '../../Components/ListProduct/ListProduct'

const Admin = () => {
  return (
    <div className='admin'>
      <SideBar />
      <Routes>
        <Route path="/addproduct" element={<AddProduct />} />
        <Route path="/listproduct" element={<ListProduct />} />
      </Routes>
    </div>
  )
}

export default Admin
```

2.1.4.2 Admin.css
```
.admin {
    display: flex;
}
```

2.1.5 Componenets

2.1.5.1 AddProduct

2.1.5.1.1 AddProduct.jsx
```
import React, {useState} from 'react'
import './AddProduct.css'
import upload_area from '../../assets/upload_area.svg'

const AddProduct = () => {

    const [image, setImage] = useState(false);

    const [productDetails, setProductDetails] = useState({
        name:"",
        image:"",
        category: "women",
        new_price:"",
        old_price: ""
    })

    const imageHandler = (e) =>{
        setImage(e.target.files[0]);
    }

    const changeHandler =(e) =>{
        setProductDetails({...productDetails, [e.target.name]:e.target.value})
    }

    const Add_Product = async () =>{
        // console.log(productDetails);
        let responseData;
        let product = productDetails;
        let formData = new FormData();
        // formData.append('name', product.name);
        // formData.append('category', product.category);
```

```jsx
        // formData.append('new_price', product.new_price);
        // formData.append('old_price', product.old_price);
        formData.append('product', image);

        await fetch('http://localhost:4000/upload',{
            method: 'POST',
            header:{
                Accept:'application/json',
            },
            body: formData,
        }).then((res)=>res.json()).then((data)=>{
            // data.success?alert("Found URL"):alert("URL Not Found");
            responseData=data})
        if(responseData.success){
            // console.log(responseData.success);
            product.image = responseData.image_url;
            console.log(product);

            await fetch('http://localhost:4000/addproduct',{
                method: 'POST',
                headers:{
                    Accept: 'application/json',
                    'Content-Type': 'application/json',
                },
                body: JSON.stringify(product),
            }).then((resp)=>resp.json()).then((data)=>{
                data.success?alert("Product Added"):alert('Failed')
            })
        }
    }

  return (
    <div className='add-product'>
        <div className="addproduct-itemfield">
            <p>Product Title</p>
            <input value={productDetails.name} onChange={changeHandler} type='text' name='name' placeholder="Type Here" />
        </div>

        <div className="addproduct-price">
            <div className="addproduct-itemfield">
                <p>Price</p>
                <input value={productDetails.old_price} onChange={changeHandler} type="text" name="old_price" placeholder='Type
Here' />
            </div>
            <div className="addproduct-itemfield">
                <p>Offer Price</p>
                <input value={productDetails.new_price} onChange={changeHandler} type="text" name="new_price" placeholder='Type
Here' />
            </div>
        </div>
        <div className="addproduct-itemfield">
            <p>Product Category</p>
            <select value={productDetails.category} onChange={changeHandler} name="category" className='add-product-selector'>
                <option value="women" >Women</option>
                <option value="men" >Men</option>
                <option value="kid" >Kid</option>
            </select>
        </div>
        <div className="addproduct-itemfield">
            <label htmlFor="file-input">
                <img src={image?URL.createObjectURL(image):upload_area} className='addproduct-thumbnail-img' alt="" />
```

```
        </label>
        <input onChange={imageHandler} type='file' name="image" id="file-input" hidden/>
      </div>
      <button onClick={()=>{Add_Product()}} className="addproduct-btn">ADD</button>
    </div>
  )
}

export default AddProduct
```

2.1.5.1.2   AddProduct.css

```
.add-product{
    box-sizing: border-box;
    width: 100%;
    max-width: 800px;
    padding: 30px 50px;
    margin: 20px 30px;
    border-radius: 6px;
    background: white;
}
.addproduct-itemfield{
    width: 100%;
    color: #7b7b7b;
    font-size: 16px;
}


.addproduct-itemfield input{
    box-sizing: border-box;
    width: 100%;
    height: 50px;
    border-radius: 4px;
    padding-left: 15px;
```
```
    border: 1px solid #c3c3c3;
    outline: none;
    color: #7b7b7b;
    font-family: 'Poppins';
    font-size: 14px;
}

.addproduct-price {
    display: flex;
    gap: 40px;
}


.add-product-selector{
    padding: 10px;
    width: 100px;
    height: 50px;
    font-size: 14px;
    color: #7b7b7b;
    border: 1px solid #7b7b7b;
    border-radius: 4px;
}
```
```
.addproduct-thumbnail-img{
    height: 120px;
    width: 120px;
    border-radius: 10px;
    object-fit: contain;
    margin: 10px 0px;
}
.addproduct-btn{
    margin-top: 20px;
    width: 160px;
    height: 50px;
    border-radius: 6px;
    background: #6079ff;
    border: none;
    cursor: pointer;
    color: white;
    font-size: 16px;
    font-weight: 500;
}
```

2.1.5.2   ListProduct

2.1.5.2.1   ListProduct.jsx

```
import React, { useState, useEffect } from 'react';
import cross_icon from '../../assets/cross_icon.png';
import './ListProduct.css'

const ListProduct = () => {
 const [allproducts, setAllProducts] = useState([]);

 const fetchInfo = async () => {
  await fetch("http://localhost:4000/allproducts") // Corrected URL
   .then((res) => res.json())
   .then((data) => setAllProducts(data));
 };

 useEffect(() => {
  fetchInfo();
 }, []);

 const remove_product = async(id)=>{
  await fetch('http://localhost:4000/removeproduct',{
    method: 'POST',
    headers:{
     Accept: 'application/json',
```

```jsx
                'Content-Type': 'application/json',
            },
            body: JSON.stringify({id:id})
        })
        await fetchInfo();
    }

    return (
        <div className='list-product'>
            <h1>All Product List</h1>
            <div className="listproduct-format-main">
                <p>Product</p>
                <p>Title</p>
                <p>Old Price</p>
                <p>New Price</p>
                <p>Category</p>
                <p>Remove</p>
            </div>
            <div className="listproduct-allproduct">
                <hr/>
                {allproducts.map((product, index) => {
                    return <>
                        <div key={index} className="listproduct-format-main listproduct-format">
                            <img src={product.image} alt="" className="listproduct-product-icon" />
                            <p>{product.name}</p>
                            <p>${product.old_price}</p>
                            <p>${product.new_price}</p>
                            <p>{product.category}</p>
                            <img onClick={()=>{remove_product(product.id)}} src={cross_icon} alt="" className="listproduct-remove-icon" />
                        </div>
                        <hr />
                    </>
                })}
            </div>
        </div>
    );
};

export default ListProduct;
```

2.1.5.2.2 ListProduct.css

```css
.list-product{
    display: flex;
    flex-direction: column;
    align-items: center;
    width: 100%;
    height: 740px;
    padding: 10px 50px;
    margin: 30px;
    border-radius: 6px;
    background: white;
}

.listproduct-allproduct{
    width: 100%;
    /* padding: 10px 50px;
    margin: 0px auto; */
    overflow-y:auto;
}

.listproduct-format-main{
    display: grid;
    grid-template-columns: 1fr 3fr 1fr 1fr 1fr 1fr;
    grid: 10px;
    width: 100%;
    padding: 20px 0px;
    color: #454545;
    font-size: 15x;
    font-weight: 600;
}
.listproduct-format{
    align-items: center;
    font-weight: 500;
}
.listproduct-product-icon{
    height: 80px;
}
.listproduct-remove-icon{
    cursor: pointer;
    align-items: left;
    margin: 30px ;
}
```

2.1.5.3 Navbar

2.1.5.3.1 Navbar.jsx

```
import React from 'react'
import './Navbar.css'
import nav_logo from '../../assets/nav-logo.svg'
import nav_profile from '../../assets/nav-profile.svg'

const Navbar = () => {
  return (
    <div class='navbar'>
      <img src={nav_logo} className="nav-logo" alt=""/>
      <img src={nav_profile} className='naev-profile' alt=""/>
    </div>
  )
}

export default Navbar
```

2.1.5.3.2 Navbar.css

```
.navbar{
   display: flex;
   align-items: center;
   justify-content: space-between;
   padding: 15px 60px;
   box-shadow: 0 1px 3px -2px #000;
   margin-bottom: 1px;
   background: white;
}
.nav-logo{
   /* width: 200px; */
}
.nav-profile{
   width: 75px;
}
```

2.1.5.4 SideBar

2.1.5.4.1 SideBar.jsx

```
import React from 'react'
import './Sidebar.css'
import {Link} from 'react-router-dom'
import add_product_icon from '../../assets/Product_Cart.svg'
import list_product_icon from '../../assets/Product_list_icon.svg'

const SideBar = () => {
  return (
    <div className='sidebar'>
      <Link to={'/addproduct'} style={{textDecoration: "none"}}>
        <div className="sidebar-item">
          <img src={add_product_icon} alt="" />
          <p>Add Product</p>
        </div>
      </Link>
      <Link to={'/listproduct'} style={{textDecoration: "none"}}>
        <div className="sidebar-item">
          <img src={list_product_icon} alt="" />
          <p>Product List</p>
        </div>
      </Link>
```

```
    </div>
  )
}

export default SideBar
```

2.1.5.4.2   SideBar.css

```css
.sidebar{
    display: flex;
    flex-direction: column;
    padding-top: 30px;
    gap: 20px;
    width: 100%;
    max-width: 250px;
    height: 100vh;
    background: white;
}
.sidebar-item{
    display: flex;
    align-items: center;
    justify-content: center;
    margin: 0px 20px;
    padding: 5px 10px;
    border-radius: 6px;
    background: #f6f6f6;
    gap: 20px;
    cursor: pointer;
}
```

3. Backend

3.1 Index.js

```
const port = 4000;
const express = require('express');
const app = express();
const mongoose = require("mongoose");
const jwt = require('jsonwebtoken');
const multer = require('multer');
const path = require('path');
const cors = require('cors');
const { log } = require('console');

app.use(express.json());
app.use(cors());

// Database Connection with MongoDB
mongoose.connect("mongodb+srv://eyashprasad24:EMONGODBATLAS.island24@cluster0.smpyj34.mongodb.net/e-commerce")

// API Creation
app.get("/", (req, res)=>{
   res.send("Express App is Running");
})

// Image Storage Engine
const storage = multer.diskStorage({
   destination: "./upload/images",
   filename: (req,file,cb)=>{
      return cb(null, `${file.fieldname}_${Date.now()}${path.extname(file.originalname)}`)
   }
})

const upload = multer({storage: storage});

// Creating Upload Endpoint For Images
app.use('/images', express.static('upload/images'))
app.post('/upload', upload.single('product'), (req,res)=>{
  res.json({
   success: 1,
   image_url: `http://localhost:${port}/images/${req.file.filename}`
  })
})

// Schema for Creating Products
const Product = mongoose.model("Product",{
   id:{
      type: Number,
      required: true,
   },
   name:{
      type: String,
      required: true,
   },
   image:{
      type: String,
      required: true,
   },
   category: {
```

```
      type: String,
      required: true,
   },
   new_price:{
      type: Number,
      required: true,
   },
   old_price:{
      type: Number,
      required: true,
   },
   date:{
      type: Date,
      default: Date.now(),
   },
   available:{
      type:Boolean,
      default: true,
   },
})

app.post('/addproduct', async(req, res)=>{
   let products = await Product.find({});
   let id;
   if (products.length > 0){
      let last_product_array = products.slice(-1);
      let last_product = last_product_array[0];
      id = last_product.id + 1;
   } else{
      id = 1;
   }
   const product = new Product({
      id: id,
      name: req.body.name,
      image: req.body.image,
      category: req.body.category,
      new_price: req.body.new_price,
      old_price: req.body.old_price,
   });
   // console.log(product);
   await product.save();
   console.log("Saved");
   res.json({
      success: true,
      name: req.body.name,
   });
});

// Creating API For Deleting Products
app.post('/removeproduct', async(req, res)=>{
   await Product.findOneAndDelete({id: req.body.id});
   console.log("Removed");
   res.json({
      success: true,
      name: req.body.name,
   });
})

// Creating API For Getting All Products
app.get('/allproducts', async(req, res)=>{
   let products = await Product.find({});
```

```javascript
        console.log("All Products Fetched.");
        res.json(products);
})

// Schema Creating For User Model
const Users = mongoose.model('User',{
    name:{
        type: String,
    },
    email:{
        type: String,
        unique: true,
    },
    password:{
        type: String,
    },
    cartData:{
        type: Object,
    },
    date:{
        type: Date,
        default: Date.now(),
    },
})

// Creating Endpoint For Registering User
app.post('/signup', async(req, res)=>{
    let check = await Users.findOne({email: req.body.email});
    if (check){
        return res.status(400).json({success: false, error: "Existing user found with same email id."})
    }
    let cart = {};
    for (let i = 0; i < 300; i++) {
        cart[i]=0;
    }
    const user = new Users({
        name: req.body.name,
        email: req.body.email,
        password: req.body.password,
        catData: cart,
    })

    await user.save();

    const data = {
        user: {
            id: user.id
        }
    }

    const token = jwt.sign(data, 'secret_ecom');
    res.json({
        success: true,
        token
    })
})

// Creating Endpoint For User Login
app.post('/login', async(req, res)=>{
    let user = await Users.findOne({email: req.body.email});
    if (user){
```

```
      const passCompare = req.body.password === user.password;
      if(passCompare){
        const data={
          user:{
            id: user.id
          }
        }
        const token = jwt.sign(data, 'secret_ecom');
        res.json({
          success: true,
          token,
        })
      } else {
        res.json({
          success: false,
          errors: "Wrong Password",
        })
      }
    } else {
      res.json({
        success: false,
        errors: "Wrong Email ID",
      })
    }
})

// Creating Endpoint For New Collection Data
app.get('/newcollections', async(req, res)=>{
    let products = await Product.find({});
    // console.log(products);
    let newcollection = products.slice(1).slice(-8);
    // console.log(newcollection);
    console.log("NewCollection Fetched");
    // console.log("New collection:", newcollection);
    res.json(newcollection);

})

// Creating Endpoint For Popular In Women Section
app.get('/popularwomen', async (req, res)=>{
    let products = await Product.find({category:'women'});
    let popular_in_women = products.slice(0,4);
    console.log("Popular In Women Fetched");
    // console.log("Popular:", popular_in_women);
    res.json(popular_in_women);
})

// Creating Meddelware To Fetch User
    const fetchUser = async (req, res, next)=>{
      const token = req.header('auth-token');
      if(!token){
        res.status(401).send({errors:"Please authenticate using valid token."});
      } else {
        try {
          const data = jwt.verify(token,'secret_ecom');
          req.user = data.user;
          next()
        } catch (error){
          res.status(401).send({errors: "Please authenticate using valid token."});
        }
      }
```

```javascript
    }

// Creating Endpoint For Adding Product In CartDate
app.post('/addtocart', fetchUser, async(req, res)=>{

    console.log("Add item to cart", req.body.itemId);
    if (!req.body.itemId)return res.send("Added")
    let userData = await Users.findOne({_id:req.user.id});
    userData.cartData[req.body.itemId] += 1;
    await Users.findOneAndUpdate({_id: req.user.id},{cartData: userData.cartData});
    res.send('Added');
})

// Creating Endpoint To Remove Product From CartData
app.post('/removefromcart', fetchUser, async(req, res)=>{
    console.log("Remove item from cart", req.body.itemId);
    console.log(req.user.id);
    let userData = await Users.findOne({_id:req.user.id});
    if (userData.cartData[req.body.itemId] > 0){
        userData.cartData[req.body.itemId] -= 1;
    }

    await Users.findOneAndUpdate({_id: req.user.id},{cartData: userData.cartData});
    res.send('Removed');
})

// Creating Endpoint To Get CartData
app.post('/getcart', fetchUser, async(req, res)=>{
    console.log("GetCart");
    let userData = await Users.findOne({_id:req.user.id});
    res.json(userData.cartData);
})

app.listen(port,(error)=>{
    if(!error){
        console.log('Server Running on Port : '+port);
    } else {
        console.log("Erro: "+ error);
    }
})
```

4. Outputs

4.1 Frontend

Shop   Mens   Womens   Kids

Login
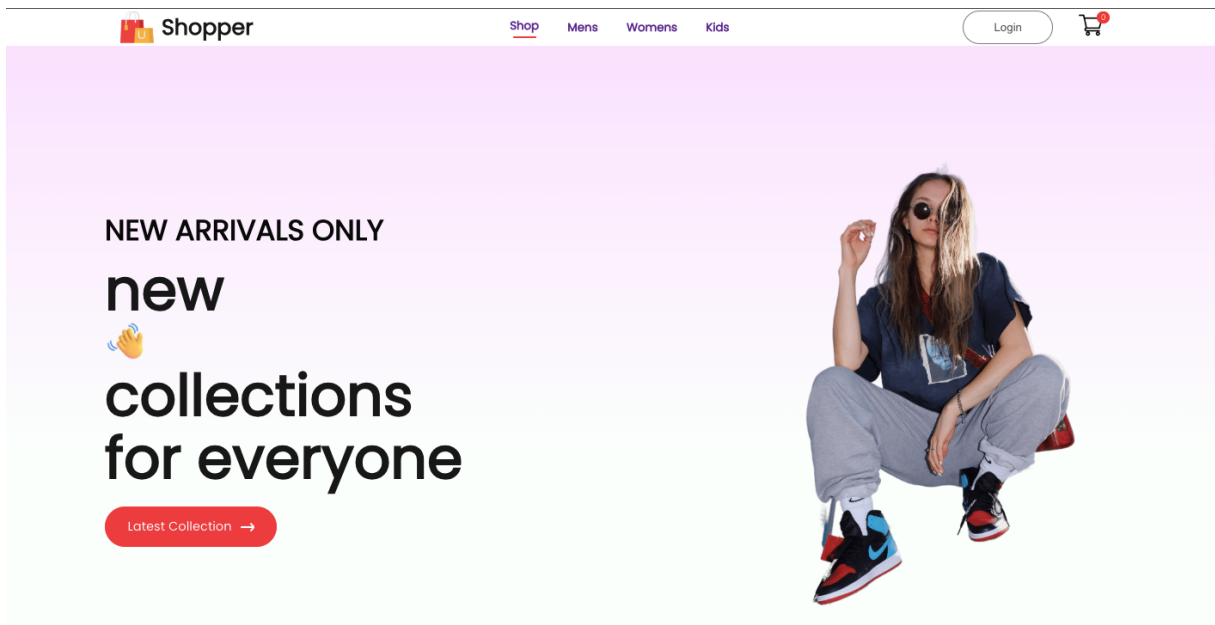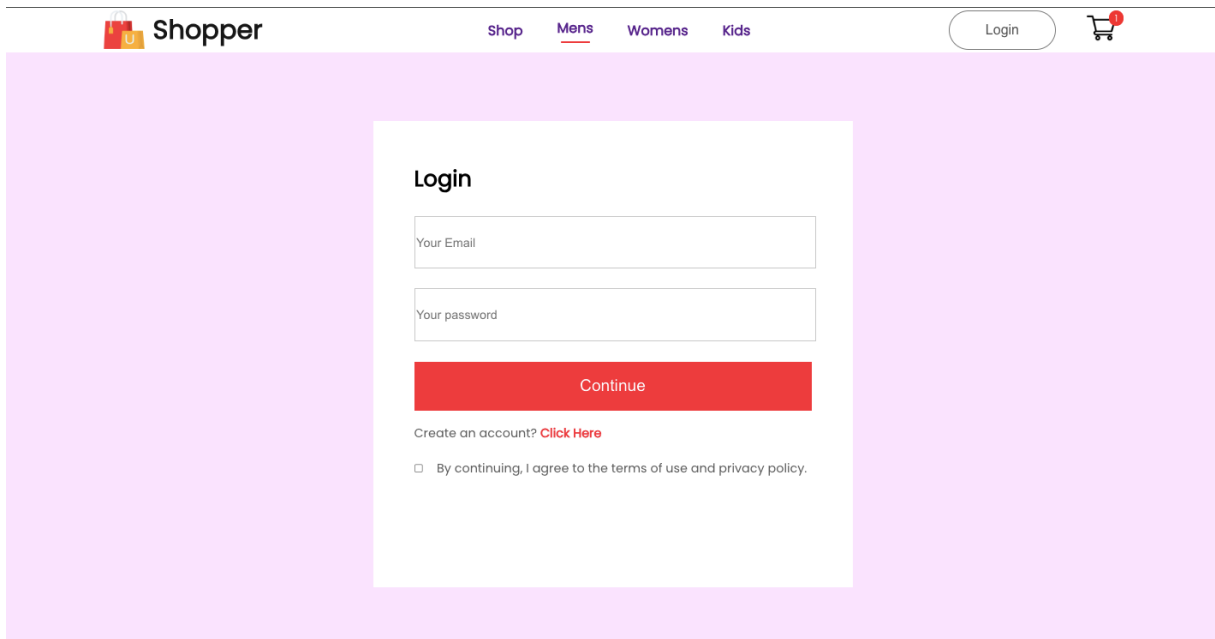
FLAT 50% OFF
12 Hours 20 Mins

Explore now

Showing 1-12 out of 36 products
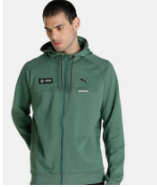
Sort by ⌄

Men Green Solid Zippered Full-Zip Slim Fit Bomber Jacket
$85 $120

Men Green Solid Zippered Full-Zip Slim Fit Bomber Jacket
$85 $120

Men Green Solid Zippered Full-Zip Slim Fit Bomber Jacket
$85 $120

Men Green Solid Zippered Full-Zip Slim Fit Bomber Jacket
$85 $120

Shopper

Shop   Mens   Womens   Kids

Login
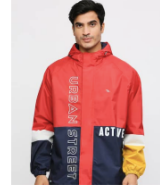
Men Green Solid Zippered Full-Zip Slim Fit Bomber Jacket

★★★★★ (122)

~~$120~~ $85

A lightweigth, usually knitted, pullover shirt, close fitting and with a round neckline and short sleeves, worn as an undershirt or outer garment.

Select Size

S   M   L   XL   XXL

ADD TO CART

Category: men, T-shirt, Crop Top
Tags: Modern, Latest

Description   Reviews (122)

A website that allows people to buy and sell physical goods, services, and digital products over the internet rather than at a brick-and-mortar location. Through an e-commerce website, a business can process orders, accept payments, manage shipping and logistics, and provide customer service.

An e-commerce website is one that allows people to buy and sell physical goods, services, and digital products over the internet rather than at a brick-and-mortar location. Through an e-commerce website, a business can process orders, accept payments, manage shipping and logistics, and provide customer service.

Products	Title	Price	Quantity	Total	Remove
	Men Green Solid Zippered Full-Zip Slim Fit Bomber Jacket	$85	1	$85	✕

Cart Totals

Subtotal	$85
shipping Fee	Free
Total	**$85**

PROCEED TO CHECKOUT

If you have a promo code, enter it here:

promo code	Submit

Shopper

4.2 Admin

SHOPPER
Admin Panel

- Add Product
- Product List

All Product List

Product	Title	Old Price	New Price	Category	Remove
	Striped Flutter Sleeve Overlap Collar Peplum Hem Blouse	$80.5	$50	women	✕
	Striped Flutter Sleeve Overlap Collar Peplum Hem Blouse	$120.5	$85	women	✕
	Striped Flutter Sleeve Overlap Collar Peplum Hem Blouse	$100.5	$60	women	✕
	Striped Flutter Sleeve Overlap Collar Peplum Hem Blouse	$150	$100	women	✕
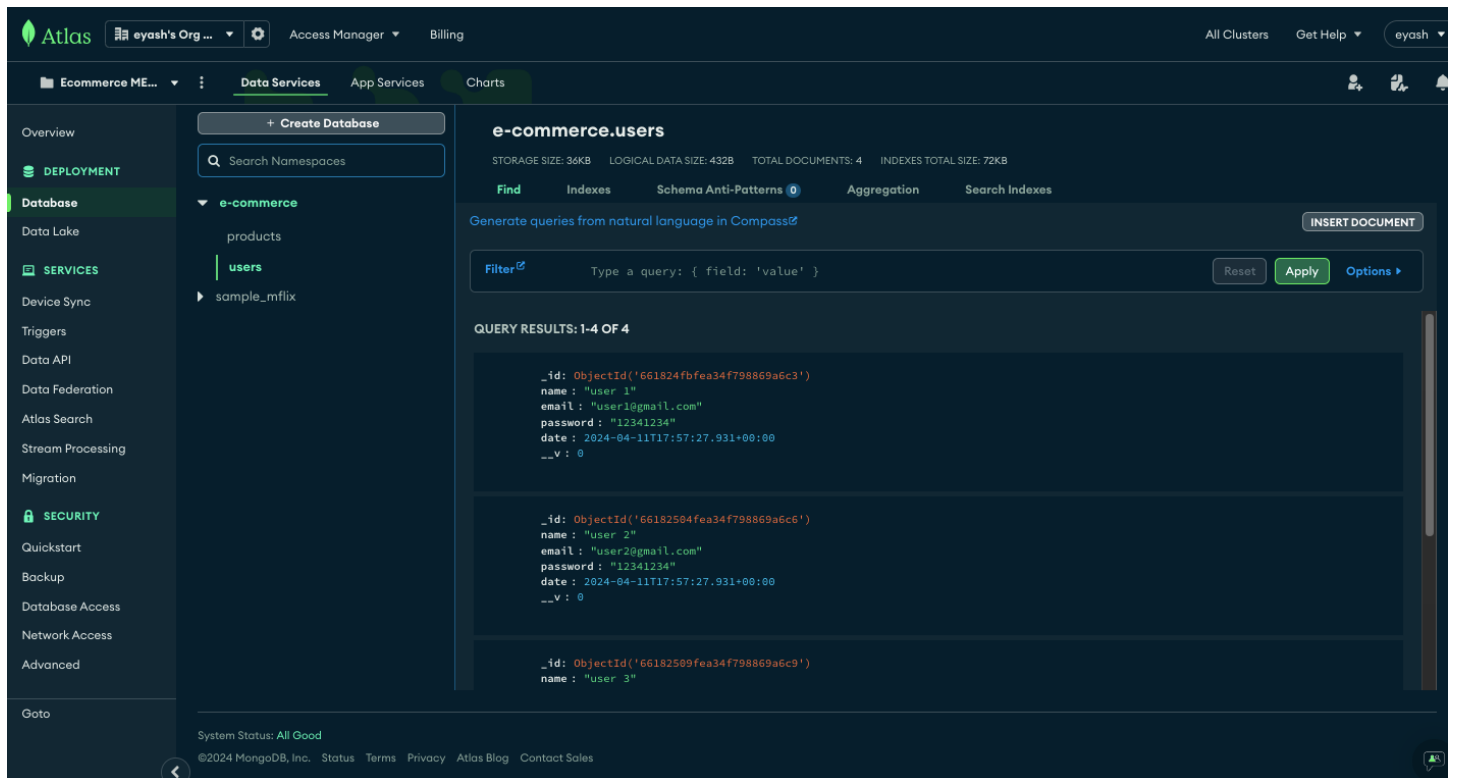
4.3 Backend

📁 Ecommerce ME... ▾   ⋮   **Data Services**   App Services   Charts   👥 🧑‍🔧 🔔

Overview

📦 **DEPLOYMENT**

Database

Data Lake

💻 **SERVICES**

Device Sync

Triggers

Data API

Data Federation

Atlas Search

Stream Processing

Migration

🔒 **SECURITY**

Quickstart

Backup

Database Access

Network Access

Advanced

Goto

+ Create Database

🔍 Search Namespaces

▾ **e-commerce**
   | products
    users

▶ sample_mflix

e-commerce.products

STORAGE SIZE: 36KB   LOGICAL DATA SIZE: 8.7KB   TOTAL DOCUMENTS: 36   INDEXES TOTAL SIZE: 36KB

Find   Indexes   Schema Anti-Patterns **0**   Aggregation   Search Indexes

INSERT DOCUMENT

Filter 🔗   Type a query: { field: 'value' }   Reset Apply Options ▸

QUERY RESULTS: 1-20 OF MANY

```
▶    _id: ObjectId('66183885da55e844c1d0be41')
     id : 3
     name : "Striped Flutter Sleeve Overlap Collar Peplum Hem Blouse"
     image : "http://localhost:4000/images/product_1712863365365.png"
     category : "women"
     new_price : 50
     old_price : 80.5
     date : 2024-04-11T18:01:09.245+0...    80.5
     available : true
     __v : 0


     _id: ObjectId('661838a5da55e844c1d0be44')
     id : 4
```

◀ PREVIOUS   **1-20 of many results**   NEXT ▶