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(Autonomous Institute Affiliated to University of Mumbai)
[Department of Computer Science and Engineering (Master of Computer Applications)]

CLASS: F.Y. MCA   **SEM: I**   **AY:24-25**

COURSE CODE: MC504   **SUBJECT NAME: WEB TECHNOLOGY LAB**

ROLL NO.: 2024510001   **BATCH: A**

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EXPERIMENT NO: 07

EXPERIMENT TITLE: Create a React application with a user-friendly form that includes validation, submission, and reset functionalities.

Problem Statement: Design and develop a Single Page Application (SPA) for an e-commerce platform using React and React Router. This application should provide a seamless browsing and shopping experience with fast navigation across different pages. The application should feature pages for Home, Product Listing, Product Details, Cart, Checkout, and Order Confirmation. Users should be able to add products to their cart, view detailed information about each product, and complete the checkout process within the same page load.

Requirements

Application Structure & Routing:

1. Use react-router-dom to set up client-side routing for different pages.
2. Configure routes for each section of the application:
    1. **Home**: Displays featured products and promotions.
    2. **Product Listing**: Shows all available products with filtering options(e.g., by category or price).
    3. **Product Details**: Provides detailed information on a selectedproduct.
    4. **Cart**: Allows users to view items they have added to their shoppingcart.
    5. **Checkout**: Lets users enter their shipping information to completethe order. Keep COD Option
    6. **Order Confirmation**: Displays a summary of the order aftersuccessful checkout.
3. Set up a **404 Page** for handling any undefined routes.

Product Listing and Details:

1. **Product Listing** should display all products in a grid format with filters for category and price range.
2. Clicking on a product should navigate to the **Product Details** page, which uses a dynamic route (e.g., /products/:productId) to fetch and display specific details about the selected product, such as price, description, and images.

Cart Management:

1. The **Cart** page should allow users to view products they've added, modify quantities, and remove items.
2. Show a summary of the total cost and the number of items in the cart.
3. The cart's state should persist across pages as the user navigates the app.

Checkout Process:

The **Checkout** page should capture user details like shipping address and payment information.
1. Validate form inputs before allowing users to proceed with the order.
2. Upon successful submission, redirect the user to the **Order Confirmation** page.

Order Confirmation:

After completing a purchase, display an **Order Confirmation** page showing a summary of the order, including product details, shipping information, and totalamount paid.

Responsive Design:

The application should be fully responsive, providing a user-friendly experienceon both desktop and mobile devices.

Navigation and User Experience:

1. Include a header with links to **Home**, **Product Listing**, and **Cart**, alongwith a cart icon displaying the item count.
2. Use the navigation bar to let users move seamlessly across pages.
3. Prevent full-page reloads when navigating between routes for a fast, SPA experience.

404 Page:

Display a custom **404 Page Not Found** message if users navigate to an undefined route.

Constraints

- **State Management**: Use React's useState and useContext (or another statemanagement solution if needed) to manage the cart state and persist it across pages.
- **Error Handling**: Implement basic error handling, particularly for fetching productdetails.
- **Form Validation**: Ensure the checkout form is validated to prevent incomplete or incorrect information.

This Application will create a responsive, interactive, and user-friendly e-commerce SPA where users can browse, add to cart, and complete purchases in a seamless and efficient way.

Code:

App.jsx

```jsx
// import React from "react";
// import HomePage from "./components/Homepage";

// function App() {
//   return (
//     <div className="App">
//       <HomePage />
//     </div>
//   );
// }

// export default App;

import React from "react";
import { BrowserRouter as Router, Routes, Route } from "react-router-dom";
import HomePage from "./components/Homepage";
import ProductDetailPage from "./components/productDetailsPage";
import CartPage from "./components/CartPage";
import Checkout from "./components/CheckoutPage";
import OrderConfirmation from "./components/OrderConfirmationPage";
import Error from "./components/Error";

function App() {
  return (
    <Router>
      <div className="App">
        <Routes>
          <Route path="/" element={<HomePage />} />
```

```jsx
            <Route path="/productsDetailsPage" element={<ProductDetailPage />} />

            <Route path="/cart" element={<CartPage />} />

            <Route path="/checkout" element={<Checkout />} />

            <Route path="/order-confirmation" element={<OrderConfirmation />} />

            <Route path="/error" element={<Error />} />

        </Routes>

      </div>

    </Router>

  );

}


export default App;
```

HomePage.jsx

```jsx
import React from "react";

import { FontAwesomeIcon } from "@fortawesome/react-fontawesome";

import {

  faMapMarkerAlt,

  faPhone,

  faEnvelope,

  faComments,

} from "@fortawesome/free-solid-svg-icons";

import { faInstagram, faFacebook } from "@fortawesome/free-brands-svg-icons";

import "../components/style.css";

import brandLogo from "D:/SPIT-FYMCA/WT PRAC/LAB 7/lab_7/src/assets/images/brand_logo.png";

import shoeMain from "D:/SPIT-FYMCA/WT PRAC/LAB 7/lab_7/src/assets/images/NIKE+REVOLUTION+7.jpeg";

import shoe1 from "D:/SPIT-FYMCA/WT PRAC/LAB 7/lab_7/src/assets/images/shoe1.png";

import shoe2 from "D:/SPIT-FYMCA/WT PRAC/LAB 7/lab_7/src/assets/images/shoe2.png";
```

```jsx
import shoe3 from "D:/SPIT-FYMCA/WT PRAC/LAB 7/lab_7/src/assets/images/shoe3.png";

import shoe4 from "D:/SPIT-FYMCA/WT PRAC/LAB 7/lab_7/src/assets/images/shoe4.png";

import shoe5 from "D:/SPIT-FYMCA/WT PRAC/LAB 7/lab_7/src/assets/images/shoe5.png";

import shoe6 from "D:/SPIT-FYMCA/WT PRAC/LAB 7/lab_7/src/assets/images/shoe6.png";

import shoe7 from "D:/SPIT-FYMCA/WT PRAC/LAB 7/lab_7/src/assets/images/shoe7.png";

import shoe8 from "D:/SPIT-FYMCA/WT PRAC/LAB 7/lab_7/src/assets/images/shoe8.png";

import flipkartLogo from "D:/SPIT-FYMCA/WT PRAC/LAB 7/lab_7/src/assets/images/flipkart.png";

import amazonLogo from "D:/SPIT-FYMCA/WT PRAC/LAB 7/lab_7/src/assets/images/amazon.png";

import { useNavigate } from "react-router-dom";


const HomePage = () => {
  const navigate = useNavigate();
  return (
    <div>
      {/* Header Section */}
      <header>
        <div className="logo-container">
          <img src={brandLogo} alt="Brand Logo" />
          <p id="jdi">JUST DO IT!</p>
        </div>

        <nav className="nav-menu">
          <p className="header-item">
            <a
              href="#products"
              style={{
                textDecoration: "none",
                color: "#000",
                fontWeight: "500",
              }}
```

```
      >
        Products
      </a>
    </p>
    <p className="header-item">
      <a
        href="#outlets"
        style={{
          textDecoration: "none",
          color: "#000",
          fontWeight: "500",
        }}
      >
        Outlets
      </a>
    </p>
    <p className="header-item">
      <a
        href="#contactUs"
        style={{
          textDecoration: "none",
          color: "#000",
          fontWeight: "500",
        }}
      >
        Contact
      </a>
    </p>
  </nav>

  <div className="auth-buttons">
```

```jsx
        <button id="reg">Register</button>

        <button id="sig">Sign In</button>

      </div>

    </header>


    {/* Home Section */}

    <section id="Home">

      <div style={{ marginLeft: "7.5%" }}>

        <div style={{ display: "flex" }}>

          <div style={{ width: "50%" }}>

            <div style={{ fontSize: "80px", fontWeight: "900" }}>

              <p>

                YOUR FEET

                <br />

                DESERVE

                <br />

                THE BEST

              </p>

            </div>

            <div

              style={{

                fontSize: "larger",

                width: "50%",

                fontWeight: "500",

                marginTop: "0.5%",

              }}

            >

              Experience unmatched comfort and style with shoes crafted for

              every step. Because your feet deserve nothing but the best.

            </div>

          </div>
```

```jsx
      <div style={{ marginTop: "5%", transform: "rotate(-20deg)" }}>
        <img id="shoe" src={shoeMain} alt="Shoe" />
      </div>
    </div>


    <div style={{ marginTop: "2%" }}>
      <a href="https://www.nike.com/in/" target="_blank" rel="noreferrer">
        <button id="shopNow">Shop Now</button>
      </a>
    </div>
    <div style={{ marginTop: "2%" }}>
      Also available on
      <br />
      <br />
      <div
        style={{
          display: "flex",
          width: "100px",
          justifyContent: "space-between",
        }}
      >
        <a
                                                    href="https://www.flipkart.com/mens-
footwear/nike~brand/pr?sid=osp%2Ccil&p%5B%5D=facets.brand%255B%255D%3DNIKE"
          target="_blank"
          rel="noreferrer"
        >
          <img src={flipkartLogo} alt="Flipkart" />
        </a>
        <a
          href="https://www.amazon.in/s?k=nike+shoes"
```

```jsx
          target="_blank"
          rel="noreferrer"
        >
          <img id="amazon" src={amazonLogo} alt="Amazon" />
        </a>
      </div>
    </div>
  </div>
</section>

{/* Products Section */}
<section id="products">
  <div style={{ margin: "7.5%" }}>
    <h1>Products</h1>
    <br />
    <div
      style={{
        display: "flex",
        overflowX: "auto",
        width: "100%",
        maxHeight: "400px",
        padding: "10px",
      }}
    >
      {[
        {
          id: 1,
          name: "Nike Downshifter 13",
          price: 4295,
          img: shoe1,
          descSmall: "Men's Road Running Shoes",
```

```
  },
  {
    id: 2,
    name: "Nike Dunk Low Retro",
    price: 8295,
    img: shoe2,
    descSmall: "Men's Shoes",
  },
  {
    id: 3,
    name: "Nike Air Max Ishod",
    price: 9207,
    img: shoe3,
    descSmall: "Men's Shoes",
  },
  {
    id: 4,
    name: "Nike Legend Essential 3 Next Nature",
    price: 4995,
    img: shoe4,
    descSmall: "Men's Workout Shoes",
  },
  {
    id: 5,
    name: "Nike Impact 4",
    price: 8067,
    img: shoe5,
    descSmall: "Men's Workout Shoes",
  },
  {
    id: 6,
```

```jsx
      name: "Nike Free RN NN",

      price: 8257,

      img: shoe6,

      descSmall: "Men's Road Running Shoes",

    },

    {

      // id: 9,

      name: "Nike Pegasus 41 Premium",

      price: 12795,

      img: shoe7,

      descSmall: "Men's Road Running Shoes",

    },

    {

      id: 8,

      name: "Nike ISPA Link Axis",

      price: 12795,

      img: shoe8,

      descSmall: "Men's Road Running Shoes",

    },

  ].map((shoe) => (

    <div

      key={shoe.id}

      className="shoeContainer"

      style={{ display: "inline-block", marginRight: "20px" }}

      onClick={() => navigate(`/productsDetailsPage?id=${shoe.id}`)}

    >

      <div style={{ textAlign: "center", width: "100%" }}>

        <img

          src={shoe.img}

          style={{ width: "280px" }}

          alt={shoe.name}
```

```jsx
          />
          <h4>{shoe.name}</h4>
          <p>{shoe.descSmall}</p>
          <p>MRP : ₹ {shoe.price.toLocaleString()}</p>
        </div>
      </div>
    ))}
    </div>
  </div>
</section>


<section id="outlets">
  <div style={{ margin: "7.5%" }}>
    <h1>Visit Our Stores</h1>
    <br />
    <p style={{ fontSize: "larger", fontWeight: 500 }}>
      Step into one of our stores to experience our shoe collection in
      person! Whether you're looking for the latest styles, expert fitting
      advice, or just want to browse, our friendly team is here to help
      you find your perfect pair.
    </p>
    <br />
    <div style={{ display: "flex", justifyContent: "space-around" }}>
      {[
        {
          title: "Nike Jio World Drive",
          address: `G-32 & F-30, Jio World Drive Mall, Makers Maxity Avenue,
            Near Family court, Bandra Kurla Complex, Bandra East Mumbai,
            Maharashtra, 400051.`,
          hours: "Opens at 9:00 am • Closes at 10:00 pm",
        },
```

```
  {
   title: "Nike Colaba 1",

   address: `Shahid Bhagat Singh Marg, Colaba, Mumbai, Maharashtra, 400001.`,

   hours: "Opens at 9:00 am • Closes at 10:00 pm",

  },

  {

   title: "Nike Colaba 4",

   address: `Shop No. 2, Harbour View Bridge, 29 Colaba Causeway,

    SBS Marg, Colaba Mumbai, Maharashtra, 400005.`,

   hours: "Opens at 9:00 am • Closes at 10:00 pm",

  },

  {

   title: "Nike Mumbai",

   address: `Unit No: G-3B, Block 17 G1, Courtyard, High Street Phoenix

    Mall, Lower Parel West, Mumbai, Maharashtra, 400013.`,

   hours: "Opens at 9:00 am • Closes at 10:00 pm",

  },

  {

   title: "Nike Linking 6",

   address: `Ground floor, Plot No 85, Ramee Emerald-II Linking Road,

    Opp. ICICI Bank Mumbai, Maharashtra, 400054.`,

   hours: "Opens at 9:00 am • Closes at 10:00 pm",

  },

  {

   title: "Nike Seawood",

   address: `F-2-SH, SeaWoods Grand Central R-1, Sector-40 Node Nerul,

    Seawood Railway station Navi Mumbai, Maharashtra, 400706.`,

   hours: "Opens at 9:00 am • Closes at 10:00 pm",

  },
].map((store, index) => (
 <div
```

```jsx
        key={index}
        style={{
          display: "flex",
          width: 200,
          border: "1px solid #000",
          borderRadius: 5,
          padding: 10,
          alignItems: "center",
        }}
      >
        <div style={{ textAlign: "center", width: "100%" }}>
          <FontAwesomeIcon
            icon={faMapMarkerAlt}
            style={{ fontSize: 30, display: "block", margin: "0 auto" }}
          />
          <h4>{store.title}</h4>
          <p>{store.address}</p>
          <p>{store.hours}</p>
        </div>
      </div>
    ))}
  </div>
 </div>
</section>

<section id="contactUs">
  <div style={{ margin: "7.5%" }}>
    <h1>Get in Touch with Us</h1>
    <br />
    <p style={{ fontSize: "larger", fontWeight: 500 }}>
      We're here to help you step into your perfect pair! Whether you have
```

questions about sizing, need assistance with an order, or want to

know more about our latest styles, our team is ready to assist.

Don't hesitate to get in touch—we'd love to hear from you!

```
</p>
<br />
<p style={{ fontSize: "large", fontWeight: 300 }}>Customer Care:</p>
<br />
<div style={{ display: "flex", justifyContent: "space-evenly" }}>
  {[
    {
      icon: faPhone,
      title: "Call Us",
      details: ["0008009190566", "9:00 - 22:00", "7 days a week"],
    },
    {
      icon: faEnvelope,
      title: "Email Us",
      details: ["We'll reply in five business days"],
    },
    {
      icon: faComments,
      title: "Chat With Us",
      details: ["9:00 - 22:00", "7 days a week"],
    },
  ].map((contact, index) => (
    <div key={index} style={{ textAlign: "center" }}>
      <FontAwesomeIcon
        icon={contact.icon}
        style={{ color: "black", fontSize: "30px" }}
      />
      <p>{contact.title}</p>
```

```jsx
          {contact.details.map((line, idx) => (

            <p key={idx}>{line}</p>

          ))}

        </div>

      ))}

    </div>

    <br />

    <div style={{ display: "flex", justifyContent: "center" }}>

      <p>

        Connect on Social Media: Stay in the loop with our latest

        collections, exclusive promotions, and customer stories. Follow us

        on social media:

      </p>

    </div>

    <br />

    <div style={{ display: "flex", justifyContent: "space-evenly" }}>

      {[

        {

          icon: faInstagram,

          description:

            "For sneak peeks, style inspiration, and behind-the-scenes action.",

        },

        {

          icon: faFacebook,

          description:

            "Join our community for product updates and exclusive deals.",

        },

      ].map((social, index) => (

        <div key={index} style={{ textAlign: "center" }}>

          <FontAwesomeIcon

            icon={social.icon}
```

```jsx
            style={{ fontSize: "30px", color: "black" }}
          />
          <p>{social.description}</p>
        </div>
      ))}
    </div>
  </div>
</section>
    </div>
  );
};


export default HomePage;
```

ProductDetailsPage.jsx

```jsx
import React, { useState, useEffect } from "react";
import { useLocation } from "react-router-dom";
import { FontAwesomeIcon } from "@fortawesome/react-fontawesome";
import {
  faMapMarkerAlt,
  faCartShopping,
  faShoppingCart,
} from "@fortawesome/free-solid-svg-icons";
import brandLogo from "D:/SPIT-FYMCA/WT PRAC/LAB 7/lab_7/src/assets/images/brand_logo.png";
import shoe1 from "D:/SPIT-FYMCA/WT PRAC/LAB 7/lab_7/src/assets/images/shoe1.png";
import shoe2 from "D:/SPIT-FYMCA/WT PRAC/LAB 7/lab_7/src/assets/images/shoe2.png";
import shoe3 from "D:/SPIT-FYMCA/WT PRAC/LAB 7/lab_7/src/assets/images/shoe3.png";
```

```
import shoe4 from "D:/SPIT-FYMCA/WT PRAC/LAB 7/lab_7/src/assets/images/shoe4.png";

import shoe5 from "D:/SPIT-FYMCA/WT PRAC/LAB 7/lab_7/src/assets/images/shoe5.png";

import shoe6 from "D:/SPIT-FYMCA/WT PRAC/LAB 7/lab_7/src/assets/images/shoe6.png";

import shoe7 from "D:/SPIT-FYMCA/WT PRAC/LAB 7/lab_7/src/assets/images/shoe7.png";

import shoe8 from "D:/SPIT-FYMCA/WT PRAC/LAB 7/lab_7/src/assets/images/shoe8.png";

import flipkartLogo from "D:/SPIT-FYMCA/WT PRAC/LAB 7/lab_7/src/assets/images/flipkart.png";

import amazonLogo from "D:/SPIT-FYMCA/WT PRAC/LAB 7/lab_7/src/assets/images/amazon.png";

import { useNavigate } from "react-router-dom";


const ProductsDetailsPage = () => {

  const location = useLocation();

  const navigate = useNavigate();


  const queryParams = new URLSearchParams(location.search);

  const productId = queryParams.get("id");


  // Sample shoe data (replace this with real data fetching)

  const shoes = [

    {

      id: 1,

      name: "Nike Downshifter 13",

      description:

        "Whether you're starting your running journey or an expert eager to switch up your pace, the Downshifter 13 is down for the ride. With a revamped upper, cushioning and durability, it helps you find that extra gear or take that first stride towards chasing down your goals.",

      price: 4295,

      img: shoe1,

      descSmall: "Men's Road Running Shoes",

    },

    {

      id: 2,
```

```
  name: "Nike Dunk Low Retro",

  description:

    "Created for the hardwood but taken to the streets, the Nike Dunk Low Retro returns with crisp
overlays and original team colours. This basketball icon channels '80s vibes with premium leather in
the upper that looks good and breaks in even better. Modern footwear technology helps bring the
comfort into the 21st century.",

  price: 8295,

  img: shoe2,

  descSmall: "Men's Shoes",

},

{

  id: 3,

  name: "Nike Air Max Ishod",

  description:

    "Infused with elements taken from iconic '90s hoops shoes, the Air Max Ishod is built with all the
durability you need to skate hard. This creative twist on the original Ishod design features updated mesh,
exposed Nike Air (with Max Air technology) and a cupsole that breaks in easily. Now step in and skate
like you mean it.",

  price: 9207,

  img: shoe3,

  descSmall: "Men's Shoes",

},

{

  id: 4,

  name: "Nike Legend Essential 3 Next Nature",

  description:

    "Meet the trainer versatile enough to withstand the rigours of a fast-paced group class or a heavy
day in the weight room. Equipped with a flat heel, high-abrasion materials and a flexible sole, it provides
comfort and support that's ready to hit the gym. See the specks on the outsole? That means it's
constructed with at least 8% Nike Grind material, made from scraps from the footwear-manufacturing
process.□",

  price: 4995,

  img: shoe4,

  descSmall: "Men's Workout Shoes",

},
```

```
{
  id: 5,
  name: "Nike Impact 4",
  description:
    "Elevate your game and your hops. Charged with Max Air cushioning in the heel, this lightweight,
secure shoe helps you get off the ground confidently and land comfortably. Plus, rubber wraps up the
sides for added durability and stability.",
  price: 8067,
  img: shoe5,
  descSmall: "Men's Workout Shoes",
},
{
  id: 6,
  name: "Nike Free RN NN",
  description:
    "If it's freedom you crave, this road runner can help turn you loose. Feathery and flexible, its
barefoot feel and Flyknit upper will have you freewheeling with joy, ready to go a few more strides.",
  price: 8257,
  img: shoe6,
  descSmall: "Men's Road Running Shoes",
},
{
  id: 7,
  name: "Nike Pegasus 41 Premium",
  description:
    "Responsive cushioning in the Pegasus provides an energised ride for everyday road running.
Experience lighter-weight energy return with dual Air Zoom units and a ReactX foam midsole. Plus,
improved engineered mesh on the upper decreases weight and increases breathability. Plus, an
engineered lace toggle gives you a quick, adjustable fit.",
  price: 12795,
  img: shoe7,
  descSmall: "Men's Road Running Shoes",
},
```

```
  {
    id: 8,
    name: "Nike ISPA Link Axis",
    description:

      "Continuing our journey to push the needle of Nike innovation, the ISPA Link Axis is an
exploration into circular design with 100% recycled materials: Every part can be recycled, says the
ISPA team. It represents progress over perfection—creating a product with a second life in mind.
Guided by the principles of modularity and waste reduction, the design uses interlocking components
of recycled Flyknit and plastic, as few materials as possible and zero glue. Experience the future of
design in the present. And if or when you want to help extend the shoes life, simply drop em off at a
participating Nike store for recycling.",

    price: 12795,
    img: shoe8,
    descSmall: "Men's Road Running Shoes",
  },
];


// Find the shoe based on productId
const shoe = shoes.find((shoe) => shoe.id.toString() === productId);


console.log("Details");
console.log(productId);
console.log(shoe);


const [selectedSize, setSelectedSize] = useState(null);


// Function to handle size selection
const selectSize = (size) => {
  setSelectedSize(size);
};


// Function to handle add to bag
const addToCart = () => {
```

```
  if (!selectedSize) {

   alert("Please select a size before adding to the cart!");

   return;

  }


  const cart = JSON.parse(localStorage.getItem("cart")) || [];

  const productToAdd = {

   id: shoe.id,

   name: shoe.name,

   price: shoe.price,

   img: shoe.img,

   size: selectedSize,

  };


  cart.push(productToAdd);

  localStorage.setItem("cart", JSON.stringify(cart));

  alert(`${shoe.name} (Size: ${selectedSize}) has been added to your cart!`);

 };


 // Function to handle adding to favorites

 // const addToFavorites = () => {

 //   alert(`Added ${shoe.name} to favorites!`);

 // };


 if (productId == undefined) {

  navigate("/error");

 }


 return (

  <div>

   {/* Header Section */}
```

```jsx
<header>
  <div className="logo-container">
    <img src={brandLogo} alt="Brand Logo" />
    <p id="jdi">JUST DO IT!</p>
  </div>

  <div className="cart-wishlist">
    <button
      id="wishlistbtn"
      onClick={() => {
        navigate("/cart");
      }}
    >
      <FontAwesomeIcon
        icon={faCartShopping}
        style={{
          fontSize: 30,
          display: "block",
          margin: "0 auto",
          color: "black",
        }}
      />
    </button>
  </div>
</header>

{/* Product Details Section */}
<div id="productDetails">
  <div>
    <img
      id="productImage"
```

```jsx
      src={shoe.img}
      alt="Product Image"
      style={{ width: "280px" }}
    />
  </div>
  <div>
    <h2 id="productName">{shoe.name}</h2>
    <p id="productDescription">{shoe.descSmall}</p>
    <p id="productPrice">₹ {shoe.price.toLocaleString()}</p>
    <br></br>
    <div id="tax">
      <p>Inclusive of all taxes</p>
      <p>(Also includes all applicable duties)</p>
    </div>
    <br></br>
    <div id="addToBagBtn" onClick={addToCart}>
      Add to Cart
    </div>
    <br></br>
    {/* <div id="favouriteBtn" onClick={addToFavorites}>
      Favourite
    </div> */}
  </div>
</div>

{/* Size Selection Section */}
<div style={{ display: "flex", justifyContent: "space-evenly" }}>
  <div id="shoeDescription">
    <h3>Description</h3>
    <p>{shoe.description}</p>
  </div>
```

```jsx
<div id="sizeDiv">
  <div id="sizeRow">
    <div className="shoeSize" onClick={() => selectSize("UK 6")}>
      <p>UK 6</p>
    </div>
    <div className="shoeSize" onClick={() => selectSize("UK 6.5")}>
      <p>UK 6.5</p>
    </div>
    <div className="shoeSize" onClick={() => selectSize("UK 7")}>
      <p>UK 7</p>
    </div>
  </div>
  <br></br>
  <div id="sizeRow">
    <div className="shoeSize" onClick={() => selectSize("UK 7.5")}>
      <p>UK 7.5</p>
    </div>
    <div className="shoeSize" onClick={() => selectSize("UK 8")}>
      <p>UK 8</p>
    </div>
    <div className="shoeSize" onClick={() => selectSize("UK 8.5")}>
      <p>UK 8.5</p>
    </div>
  </div>
  <br></br>
  <div id="sizeRow">
    <div className="shoeSize" onClick={() => selectSize("UK 9")}>
      <p>UK 9</p>
    </div>
    <div className="shoeSize" onClick={() => selectSize("UK 9.5")}>
      <p>UK 9.5</p>
```

```jsx
      </div>

      <div className="shoeSize" onClick={() => selectSize("UK 10")}>

        <p>UK 10</p>

      </div>

    </div>

    <br></br>

    <div id="sizeRow">

      <div className="shoeSize" onClick={() => selectSize("UK 11")}>

        <p>UK 11</p>

      </div>

      <div className="shoeSize" onClick={() => selectSize("UK 11.5")}>

        <p>UK 11.5</p>

      </div>

      <div className="shoeSize" onClick={() => selectSize("UK 12")}>

        <p>UK 12</p>

      </div>

    </div>

   </div>

  </div>

 );

};


export default ProductsDetailsPage;



------------------------------
CartPage.jsx
import React, { useState, useEffect } from "react";

import            brandLogo         from         "D:/SPIT-FYMCA/WT          PRAC/LAB
7/lab_7/src/assets/images/brand_logo.png";

import { useNavigate } from "react-router-dom";
```

```
const CartPage = () => {
  const navigate = useNavigate();

  const [cartItems, setCartItems] = useState([]);

  useEffect(() => {
   const cart = JSON.parse(localStorage.getItem("cart")) || [];
   setCartItems(cart);
  }, []);

  const removeFromCart = (id, size) => {
   const updatedCart = cartItems.filter(
     (item) => !(item.id === id && item.size === size)
   );
   localStorage.setItem("cart", JSON.stringify(updatedCart));
   setCartItems(updatedCart);
  };

  return (
   <div className="cart-page">
     {/* Header Section */}
     <header className="cart-header">
       <div className="logo-container">
         <img src={brandLogo} alt="Brand Logo" className="brand-logo" />
         <p className="tagline">JUST DO IT!</p>
       </div>

       {cartItems.length > 0 && (
         <button
           className="checkout-button"
           onClick={() => navigate("/checkout")}
```

```jsx
          >
            Checkout
          </button>
        )}
      </header>

      <h1 className="cart-title">Your Cart</h1>
      {cartItems.length === 0 ? (
        <p className="empty-cart">Your cart is empty.</p>
      ) : (
        <ul className="cart-list">
          {cartItems.map((item, index) => (
            <li key={`${item.id}-${item.size}-${index}`} className="cart-item">
              <img src={item.img} alt={item.name} className="cart-item-img" />
              <div className="cart-item-details">
                <strong className="cart-item-name">{item.name}</strong>
                <span className="cart-item-price">
                  ₹{item.price.toLocaleString()}
                </span>
                <span className="cart-item-size">Size: {item.size}</span>
              </div>
              <button
                className="remove-button"
                onClick={() => removeFromCart(item.id, item.size)}
              >
                Remove
              </button>
            </li>
          ))}
        </ul>
      )}
```

```jsx
    </div>
  );
};


export default CartPage;



--------------------------------
CheckoutPage.jsx
import React, { useState } from "react";

import { useNavigate } from "react-router-dom";


const CheckoutPage = () => {
  const [formData, setFormData] = useState({

    name: "",

    address: "",

    city: "",

    state: "",

    zip: "",

    phone: "",

    paymentMethod: "COD",

  });
  const [error, setError] = useState("");

  const navigate = useNavigate();


  const handleChange = (e) => {

    const { name, value } = e.target;

    setFormData((prevData) => ({ ...prevData, [name]: value }));

  };


  const handleSubmit = (e) => {

    e.preventDefault();
```

```jsx
    // Validate form inputs
    const { name, address, city, state, zip, phone } = formData;
    if (!name || !address || !city || !state || !zip || !phone) {
      setError("All fields are required!");
      return;
    }

    // Clear errors and proceed
    setError("");

    // Redirect to Order Confirmation Page
    navigate("/order-confirmation", { state: { formData } });
  };

  return (
    <div style={styles.container}>
      <h1 style={styles.header}>Checkout</h1>
      <form onSubmit={handleSubmit} style={styles.form}>
        {error && <p style={styles.error}>{error}</p>}
        <label style={styles.label}>
          Name:
          <input
            type="text"
            name="name"
            value={formData.name}
            onChange={handleChange}
            required
            style={styles.input}
          />
        </label>
        <label style={styles.label}>
```

```jsx
        Address:
        <textarea
          name="address"
          value={formData.address}
          onChange={handleChange}
          required
          style={{ ...styles.input, height: "80px" }}
        />
      </label>
      <label style={styles.label}>
        City:
        <input
          type="text"
          name="city"
          value={formData.city}
          onChange={handleChange}
          required
          style={styles.input}
        />
      </label>
      <label style={styles.label}>
        State:
        <input
          type="text"
          name="state"
          value={formData.state}
          onChange={handleChange}
          required
          style={styles.input}
        />
      </label>
```

```jsx
<label style={styles.label}>
  ZIP Code:
  <input
    type="text"
    name="zip"
    value={formData.zip}
    onChange={handleChange}
    required
    style={styles.input}
  />
</label>
<label style={styles.label}>
  Phone Number:
  <input
    type="tel"
    name="phone"
    value={formData.phone}
    onChange={handleChange}
    required
    style={styles.input}
  />
</label>
<label style={styles.label}>
  Payment Method:
  <select
    name="paymentMethod"
    value={formData.paymentMethod}
    onChange={handleChange}
    style={styles.input}
  >
    <option value="COD">Cash on Delivery (COD)</option>
```

```
        </select>

      </label>

      <button type="submit" style={styles.button}>

        Place Order

      </button>

    </form>

  </div>

);

};


const styles = {

  container: {

    maxWidth: "600px",

    margin: "50px auto",

    padding: "20px",

    border: "1px solid #ddd",

    borderRadius: "10px",

    backgroundColor: "#f9f9f9",

    boxShadow: "0 4px 6px rgba(0, 0, 0, 0.1)",

  },

  header: {

    textAlign: "center",

    marginBottom: "20px",

    fontSize: "28px",

    color: "#333",

  },

  form: {

    display: "flex",

    flexDirection: "column",

  },

  label: {
```

```
    marginBottom: "15px",

    fontSize: "16px",

    color: "#555",

  },

  input: {

    width: "100%",

    padding: "10px",

    fontSize: "16px",

    border: "1px solid #ccc",

    borderRadius: "5px",

    marginTop: "5px",

    boxSizing: "border-box",

  },

  button: {

    marginTop: "20px",

    padding: "10px 20px",

    fontSize: "18px",

    color: "#fff",

    backgroundColor: "#28a745",

    border: "none",

    borderRadius: "5px",

    cursor: "pointer",

    textAlign: "center",

  },

  buttonHover: {

    backgroundColor: "#218838",

  },

  error: {

    color: "red",

    marginBottom: "10px",

    textAlign: "center",
```

```
  },
};


export default CheckoutPage;



-----------------------------------
OrderConfirmationPage.jsx

import React from "react";

import { useLocation, useNavigate } from "react-router-dom";


const OrderConfirmationPage = () => {
  const location = useLocation();

  const navigate = useNavigate();

  const { formData } = location.state || {};


  return (
    <div style={{ textAlign: "center", padding: "20px" }}>
      <h1>Order Confirmation</h1>
      {formData ? (
        <div>
          <p style={{ fontSize: "18px", margin: "20px 0" }}>
            <strong>Thank you for your order, {formData.name}!</strong>
          </p>
          <p>Your order has been placed successfully and will be shipped to:</p>
          <div
            style={{{
              border: "1px solid #ddd",
              padding: "15px",
              margin: "10px auto",
              maxWidth: "400px",
              borderRadius: "8px",
```

```
      textAlign: "left",
    }}
  >
    <p>
      <strong>Address:</strong> {formData.address}, {formData.city},{" "}
      {formData.state}, {formData.zip}
    </p>
    <p>
      <strong>Phone:</strong> {formData.phone}
    </p>
    <p>
      <strong>Payment Method:</strong> {formData.paymentMethod}
    </p>
  </div>
  <p style={{ margin: "20px 0" }}>
    You will receive an email confirmation shortly. Your order will
    arrive within 5-7 business days.
  </p>
  <button
    style={{
      backgroundColor: "#28a745",
      color: "white",
      border: "none",
      padding: "10px 20px",
      borderRadius: "5px",
      cursor: "pointer",
      fontSize: "16px",
    }}
    onClick={() => navigate("/")}
  >
    Continue Shopping
```
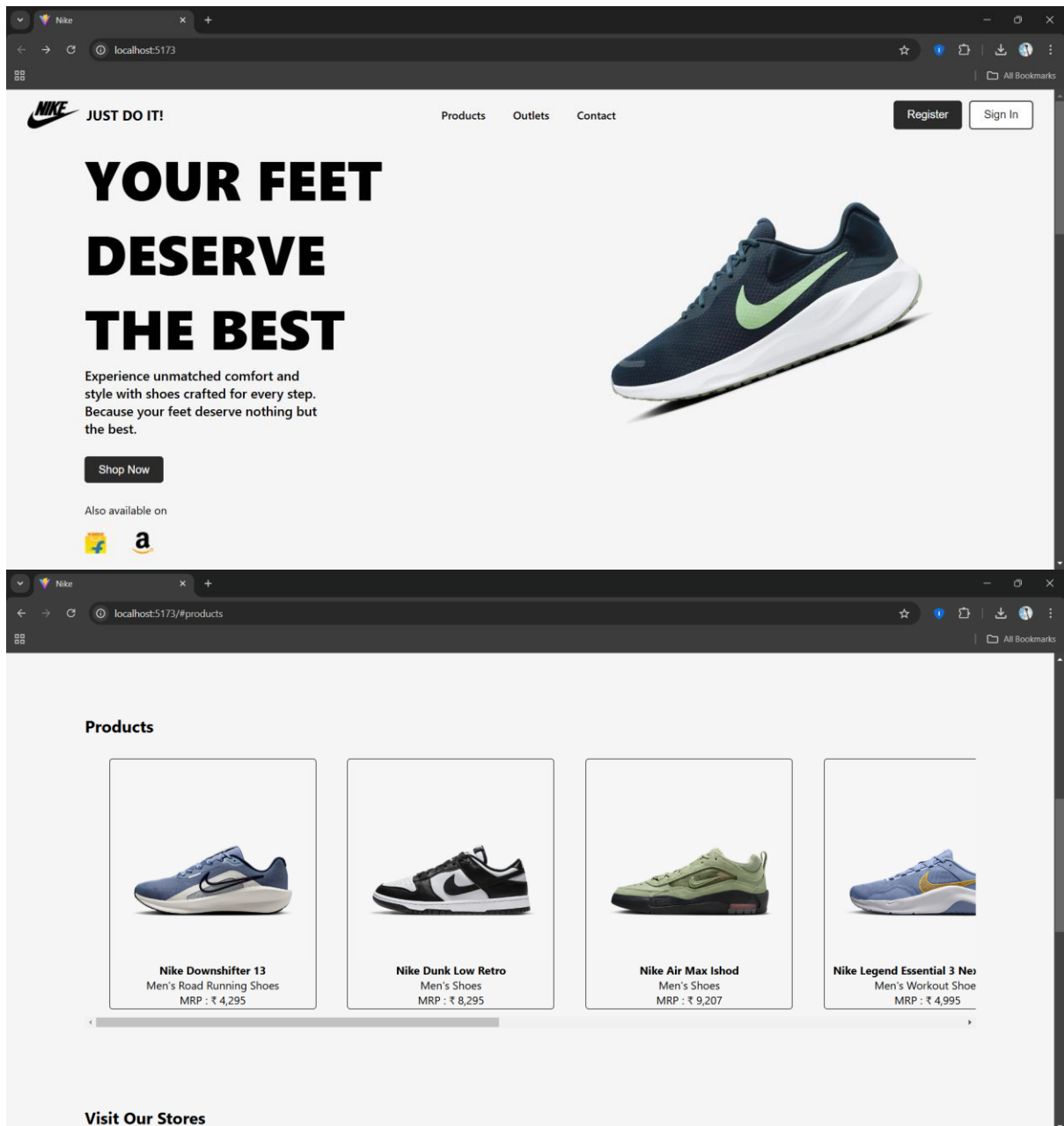
```jsx
        </button>
      </div>
    ) : (
      <div>
        <p>No order details found.</p>
        <button
          style={{
            backgroundColor: "#007bff",
            color: "white",
            border: "none",
            padding: "10px 20px",
            borderRadius: "5px",
            cursor: "pointer",
            fontSize: "16px",
          }}
          onClick={() => navigate("/cart")}
        >
          Go to Cart
        </button>
      </div>
    )}
  </div>
);
};


export default OrderConfirmationPage;
```

Outputs:

Browser Tab 1 — localhost:5173

NIKE

JUST DO IT!

Products   Outlets   Contact

Register   Sign In

YOUR FEET DESERVE THE BEST

Experience unmatched comfort and
style with shoes crafted for every step.
Because your feet deserve nothing but
the best.

Shop Now

Also available on

Browser Tab 2 — localhost:5173/#products

Products

Nike Downshifter 13
Men's Road Running Shoes
MRP : ₹ 4,295

Nike Dunk Low Retro
Men's Shoes
MRP : ₹ 8,295

Nike Air Max Ishod
Men's Shoes
MRP : ₹ 9,207

Nike Legend Essential 3 Ne
Men's Workout Shoe
MRP : ₹ 4,995

Visit Our Stores

Visit Our Stores

Step into one of our stores to experience our shoe collection in person! Whether you're looking for the latest styles, expert fitting advice, or just want to browse, our friendly team is here to help you find your perfect pair.

Nike Jio World Drive	**Nike Colaba 1**	**Nike Colaba 4**	**Nike Mumbai**	**Nike Linking 6**	**Nike Seawood**
G-32 & F-30, Jio World Drive Mall, Makers Maxity Avenue, Near Family court, Bandra Kurla Complex, Bandra East Mumbai, Maharashtra, 400051. Opens at 9:00 am • Closes at 10:00 pm	Shahid Bhagat Singh Marg, Colaba, Mumbai, Maharashtra, 400001. Opens at 9:00 am • Closes at 10:00 pm	Shop No. 2, Harbour View Bridge, 29 Colaba Causeway, SBS Marg, Colaba Mumbai, Maharashtra, 400005. Opens at 9:00 am • Closes at 10:00 pm	Unit No: G-3B, Block 17 G1, Courtyard, High Street Phoenix Mall, Lower Parel West, Mumbai, Maharashtra, 400013. Opens at 9:00 am • Closes at 10:00 pm	Ground floor, Plot No 85, Ramee Emerald-II Linking Road, Opp. ICICI Bank Mumbai, Maharashtra, 400054. Opens at 9:00 am • Closes at 10:00 pm	F-2-SH, SeaWoods Grand Central R-1, Sector-40 Node Nerul, Seawood Railway station Navi Mumbai, Maharashtra, 400706. Opens at 9:00 am • Closes at 10:00 pm

Get in Touch with Us
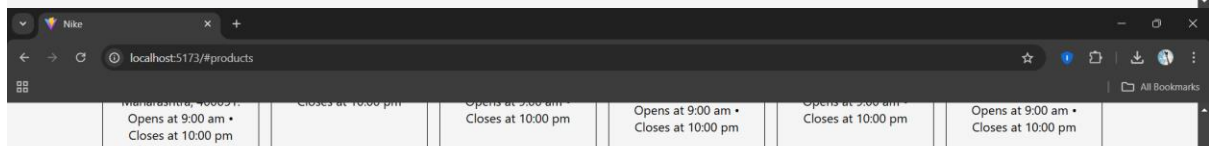
We're here to help you step into your perfect pair! Whether you have questions about sizing, need assistance with an order, or want to know more about our latest styles, our team is ready to assist. Don't hesitate to get in touch—we'd love to hear from you!

Customer Care:

Call Us
0008009190566
9:00 - 22:00
7 days a week

Email Us
We'll reply in five business days

Chat With Us
9:00 - 22:00
7 days a week

Connect on Social Media: Stay in the loop with our latest collections, exclusive promotions, and customer stories. Follow us on social media:

For sneak peeks, style inspiration, and behind-the-scenes action.

Join our community for product updates and exclusive deals.
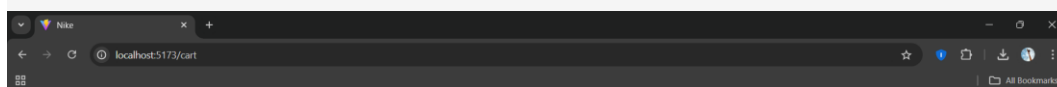
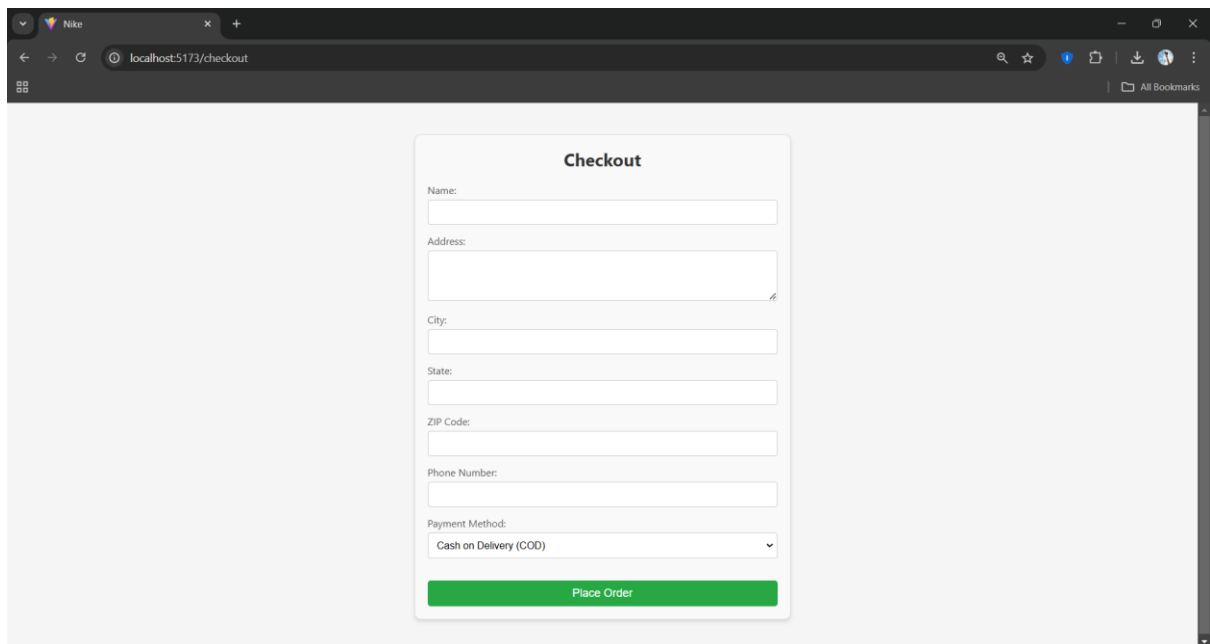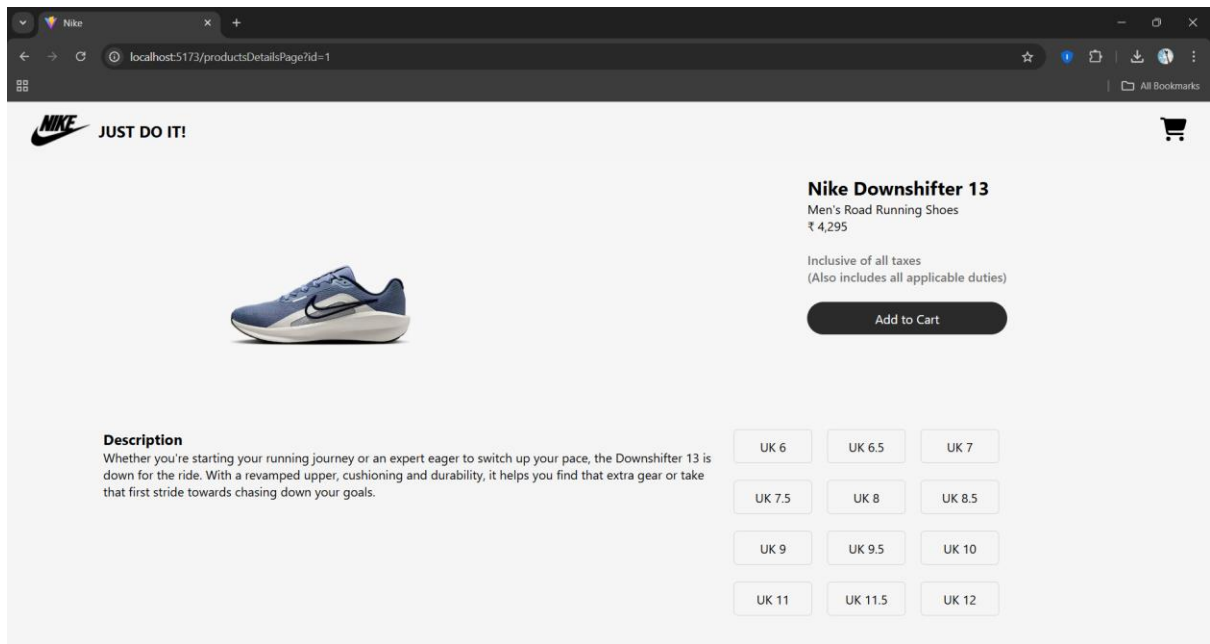NIKE JUST DO IT!   Checkout

Your Cart

Nike Downshifter 13
₹4,295
Size: UK 10   Remove

localhost:5173/checkout

All Bookmarks

Checkout

Name:

Atharva

Address:

Vile Parle

City:

Mumbai

State:

Maharashtra

ZIP Code:

400056

Phone Number:

1234567890

Payment Method:

Cash on Delivery (COD)

Place Order

---

localhost:5173/order-confirmation

All Bookmarks

Order Confirmation

Thank you for your order, Atharva !

Your order has been placed successfully and will be shipped to:

Address: Vile Parle, Mumbai , Maharashtra, 400056
Phone: 1234567890
Payment Method: COD

You will receive an email confirmation shortly. Your order will arrive within 5-7 business days.

Continue Shopping