**Task-5**

**Shopping Cart Application**

A simple React-based shopping cart application that allows users to add products, manage quantities, and calculate totals dynamically.

**Features**

* Add products with a custom name and price to the cart.
* Update the quantity of products in the cart.
* Remove individual items from the cart.
* View the total number of items and the total cost.
* Clear all items in the cart with a single button click.
* Responsive design with basic animations for better user experience.

**Installation**

1. **Install Dependencies**: Make sure you have Node.js installed, then run:

bash

Copy code

npm install

1. **Start the Development Server**:

bash

Copy code

npm start

1. Open your browser and go to http://localhost:3000.

**Key Files**

* **ShoppingCart.jsx**: Main shopping cart logic and UI components.
* **ShoppingCart.css**: Styling for the shopping cart.

**Technologies Used**

* **React**: For building the UI components and managing state.
* **CSS**: For styling the components.
* **JavaScript**: For application logic.

**How to Use**

1. **Add a Product**:
   * Enter the product name and price in the input fields.
   * Click the "Add to Cart" button to add the product.
2. **Manage Cart Items**:
   * Update product quantities using the input field.
   * Remove individual products using the "Remove" button.
3. **View Totals**:
   * See the total number of items and total cost at the bottom of the cart.
4. **Clear Cart**:
   * Click "Clear Cart" to remove all items at once.

