

```

// App.js
import React, { useState } from 'react';
import CartList from './CartList';
import ProductList from './ProductList';
import Header from './Header';
import './App.css';

function App() {
  const [product, setProduct] = useState([
    {
      url:
https://store.storeimages.cdn-apple.com/4668/as-images.apple.com/is/macbook-air-midnight-color-20220606?wid=410&hei=249&fmt=jpeg&q=95&v=1654122880566,
      name: 'macbook m1 pro',
      category: 'Laptop',
      seller: 'Apple',
      price: '138000',
    },
    {
      url:
https://www.apple.com/v/imac/p/images/overview/color\_front\_green\_\_eb8qbnemre6\_medium.jpg,
      name: 'imac',
      category: 'Pc',
      seller: 'Apple',
      price: '238000',
    },
  ]);

  const [cart, setCart] = useState([]);
  const [showCart, setShowCart] = useState(false);

  const addToCart = (data) => setCart([...cart, { ...data, quantity: 1 }]);
  const handleShow = (value) => setShowCart(value);

  return (
    <div>
      <Header handleShow={handleShow} count={cart.length} />
      {showCart ? (
        <CartList cart={cart} setCart={setCart} />
      ) : (
        <ProductList product={product} addToCart={addToCart} />
      )}
    </div>
  );
}

export default App;

```

```

// CartList.js
import React from 'react';
import './App.css';

function CartList({ cart, setCart }) {

  const handleQuantityChange = (index, change) => {
    setCart(prevCart => {
      const updatedCart = prevCart.map((item, cartIndex) => {
        if (cartIndex === index) {
          const newQuantity = Math.max(item.quantity + change, 0);
          return { ...item, quantity: newQuantity };
        } else {
          return item;
        }
      });

      return updatedCart.filter(item => item.quantity > 0);
    });

    return (
      <div>
        {cart.map((cartItem, index) => (
          <div key={index} className='cart-item'>
            <img src={cartItem.url} width='10%' alt={cartItem.name} />
            <p>
              {cartItem.name}
              <button onClick={() => handleQuantityChange(index, -1)}>-</button>
              <span>{cartItem.quantity}</span>
              <button onClick={() => handleQuantityChange(index, 1)}>+</button>
            </p>
            <span>Rs. {cartItem.price * cartItem.quantity}</span>
          </div>
        ))}
        <div className='grand-total'>
          <span>Grand Total:</span>
          <span>Rs. {cart.reduce((total, item) => total + item.price * item.quantity, 0)}</span>
        </div>
      </div>
    );
  });

  export default CartList;

```

```

// ProductList.js
import React from 'react';

```

```

import './App.css';

function ProductList({ product, addToCart }) {
  return (
    <div className='flex'>
      {product.map((productItem, index) => (
        <div style={{width:'33%'}}>
          <div key={index} className='product-item'>
            <img src={productItem.url} width='50%' alt={productItem.name} />
            <p>
              {productItem.name} | {productItem.category}
            </p>
            <p>{productItem.seller}</p>
            <p>Rs. {productItem.price}</p>
            <button onClick={() => addToCart(productItem)}>Add To Cart</button>
          </div>
        </div>
      ))}
    </div>
  );
}

```

```
export default ProductList;
```

```
// Header.js
```

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

```

function Header(props) {
  return (
    <div className='flex shopping-card'>
      <div onClick={() => props.handleShow(false)}>SHOPPING CART</div>
      <div onClick={() => props.handleShow(true)}>
        CART<sup>{props.count}</sup>
      </div>
    </div>
  );
}

```

```
export default Header;
```

```
/* App.css */
```

```

.flex {
  display: flex;
  flex-wrap: wrap;
}

```

```

.shopping-card {
  justify-content: space-between;
}

```

```
background-color: aliceblue;  
padding: 20px 30px;  
}
```

```
.product-item {  
padding: 20px;  
}
```