Redux

Code:

import { configureStore } from '@reduxjs/toolkit';

import cartReducer from './cartSlice';

const store = configureStore({

  reducer: {

    cart: cartReducer,

  },

});

export default store;

import { createSlice } from '@reduxjs/toolkit';

const initialState = {

  cartItems: [],

};

const cartSlice = createSlice({

  name: 'cart',

  initialState,

  reducers: {

    addToCart(state, action) {

      state.cartItems.push(action.payload);

    },

    updateCart(state, action) {

      const index = state.cartItems.findIndex(item => item.id === action.payload.id);

      if (index !== -1) {

        state.cartItems[index] = action.payload;

      }

    },

    removeFromCart(state, action) {

      state.cartItems = state.cartItems.filter(item => item.id !== action.payload);

    },

  },

});

export const { addToCart, updateCart, removeFromCart } = cartSlice.actions;

export default cartSlice.reducer;

import React from 'react';

import { useDispatch } from 'react-redux';

import { addToCart, updateCart, removeFromCart } from './cartSlice';

const products = [

  {

    id: '123456',

    name: 'Example Product',

    price: 9.99,

    description: 'This is an example product.',

    catalogs: ['catalog1', 'catalog2'],

  },

  {

    id: '789012',

    name: 'Another Product',

    price: 19.99,

    description: 'Another example.',

    catalogs: ['catalog3'],

  },

];

function ProductList() {

  const dispatch = useDispatch();

  return (

    <div>

      <h2>Product List</h2>

      {products.map(product => (

        <div key={product.id} style={{ border: '1px solid gray', marginBottom: '10px' }}>

          <h3>{product.name}</h3>

          <p>Price: ${product.price}</p>

          <p>Catalogs: {product.catalogs.join(', ')}</p>

          <button onClick={() => dispatch(addToCart(product))}>Add to Cart</button>

          <button onClick={() => dispatch(updateCart({ ...product, name: product.name + ' (Updated)' }))}>Update to Cart</button>

          <button onClick={() => dispatch(removeFromCart(product.id))}>Delete from Cart</button>

        </div>

      ))}

    </div>

  );

}

export default ProductList;

import React from 'react';

import { useSelector } from 'react-redux';

function Cart() {

  const cartItems = useSelector(state => state.cart.cartItems);

  const total = cartItems.reduce((sum, item) => sum + item.price, 0).toFixed(2);

  return (

    <div>

      <h2>Cart</h2>

      {cartItems.map(item => (

        <div key={item.id}>

          <p>{item.name} - ${item.price}</p>

        </div>

      ))}

      <h3>Total: ${total}</h3>

    </div>

  );

}

export default Cart;

import React from 'react';

import ProductList from './ProductList';

import Cart from './Cart';

function App() {

  return (

    <div>

      <h1>Shopping Cart App (Redux)</h1>

      <ProductList />

      <Cart />

    </div>

  );

}

export default App;

import React from 'react';

import ReactDOM from 'react-dom/client';

import './index.css';

import App from './App';

import reportWebVitals from './reportWebVitals';

import store from './store';

import { Provider } from 'react-redux';

const root = ReactDOM.createRoot(document.getElementById('root'));

root.render(

  <Provider store={store}>

    <App />

  </Provider>

);

// If you want to start measuring performance in your app, pass a function

// to log results (for example: reportWebVitals(console.log))

// or send to an analytics endpoint. Learn more: https://bit.ly/CRA-vitals

reportWebVitals();

Kết quả:

