

[Github URL] ()

W16-P1: fetch cart data from url (API)

The screenshot displays a development environment with two main components: a code editor on the left and a web browser on the right.

Code Editor (Left):

- Context_80.js:** Contains an asynchronous function `fetchData` that dispatches a `LOADING` action, fetches data from a URL, logs the cart, and dispatches a `DISPLAY_ITEMS` action with the cart data. It also includes a `useEffect` hook that calls `fetchData` when the component mounts.
- Reducer_80.js:** Contains a reducer function that handles actions. It returns the current state with `loading: true` for `LOADING` actions and the state with the new cart and `loading: false` for `DISPLAY_ITEMS` actions.

Web Browser (Right):

- The browser shows a web application titled "UseReducer" running on `localhost:3000`.
- The page displays a section titled "YOUR BAG" with a list of items in the cart:

Item	Price	Quantity	Action
Samsung Galaxy S8	\$399.99	1	remove
Google Pixel	\$499.99	1	remove
Xiaomi Redmi Note 2	\$699.99	1	remove
Samsung Galaxy S7	\$599.99	1	remove

The DevTools console on the right shows the state of the cart, which is an array of objects containing item details like `id`, `img`, `price`, and `title`.

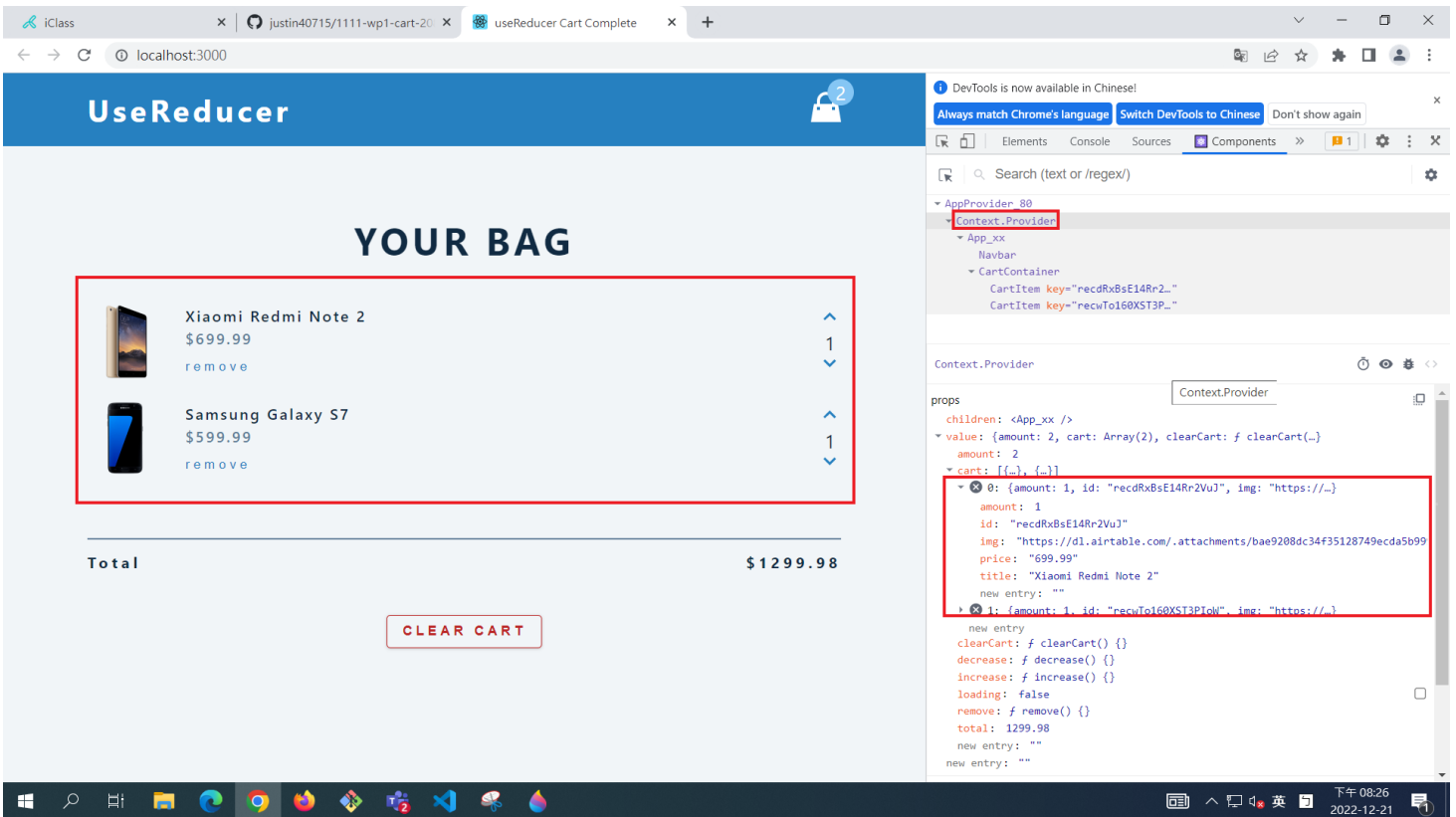
W16-P2: remove cart item

```
File Edit Selection View Go Run Terminal Help
CartItem_80.js - 1111-wp1-cart-208410380-w16 - Visual Studio Code

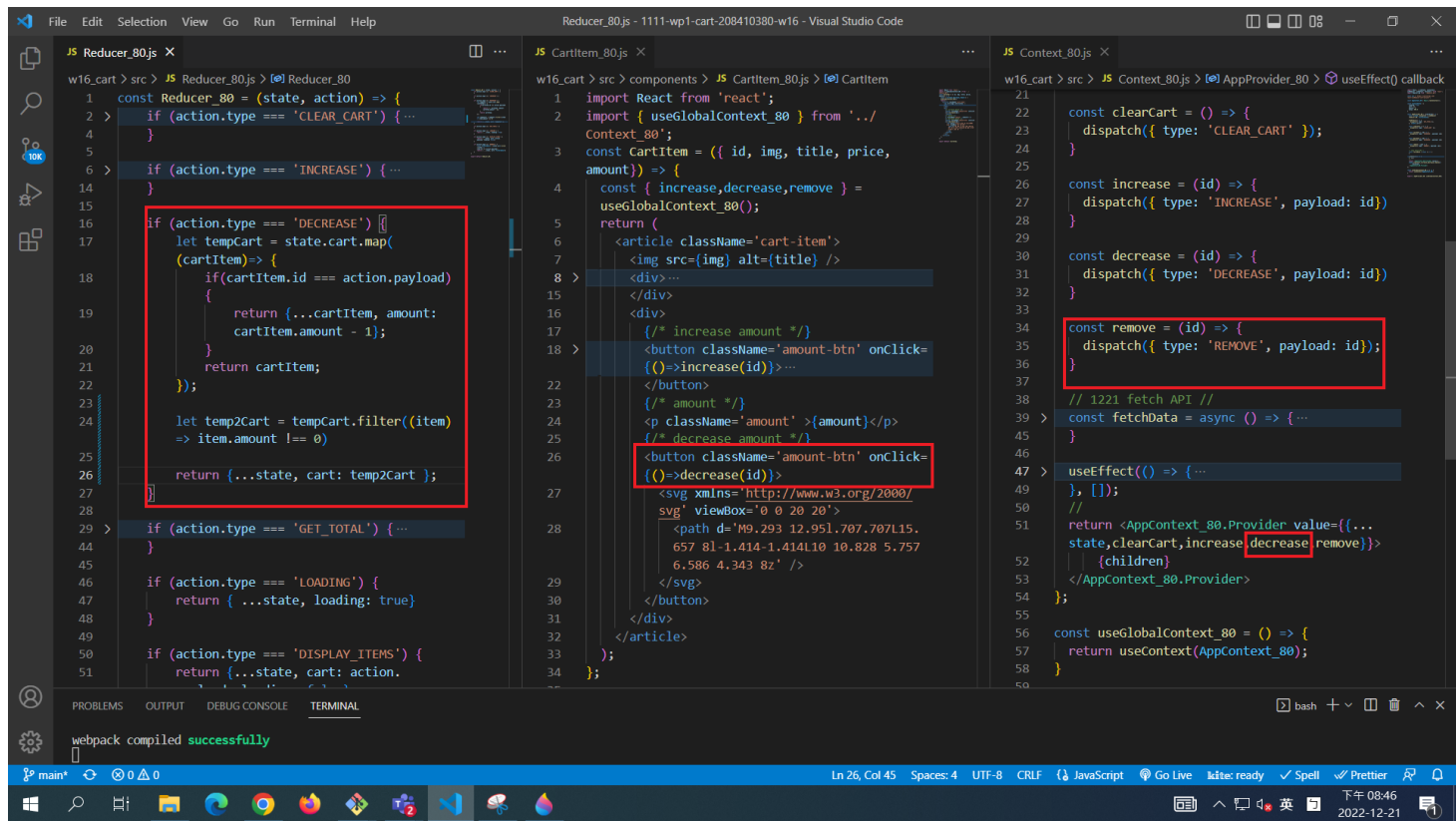
w16_cart > src > JS Reducer_80.js > [0] default
16 > if (action.type === 'DECREASE') { ...
24 > }
25 >
26 > if (action.type === 'GET_TOTAL') { ...
41 > }
42 >
43 > if (action.type === 'LOADING') {
44 >   return { ...state, loading: true }
45 > }
46 >
47 > if (action.type === 'DISPLAY_ITEMS') {
48 >   return { ...state, cart: action.payload, loading: false }
49 > }
50 >
51 > if (action.type === 'REMOVE') {
52 >   const filteredCart = state.cart.filter(item =>
53 >     item.id !== action.payload);
54 >   return { ...state, cart: filteredCart }
55 > }
56 >
57 >
58 > export default Reducer_80;
59 >

w16_cart > src > JS Context_80.js > [0] AppProvider_80 > useEffec
29 > const decrease = (id) => {
30 >   dispatch({ type: 'DECREASE', payload: id })
31 > }
32 >
33 > const remove = (id) => {
34 >   dispatch({ type: 'REMOVE', payload: id })
35 > }
36 >
37 > // 1221 fetch API //
38 > const fetchData = async () => { ...
45 > }
46 >
47 > useEffect(() => { ...
48 > }, []);
49 > //
50 > return <AppContext_80.Provider
51 >   value={{...state, clearCart, increase, decrease, remove}}
52 >   >{children}
53 > </AppContext_80.Provider>
54 > };
55 >
56 > const useGlobalContext 80 = () => {
57 >   return useContext(AppContext_80);
58 > }
59 >
60 > export { AppProvider_80, useGlobalContext_80 };
61 >

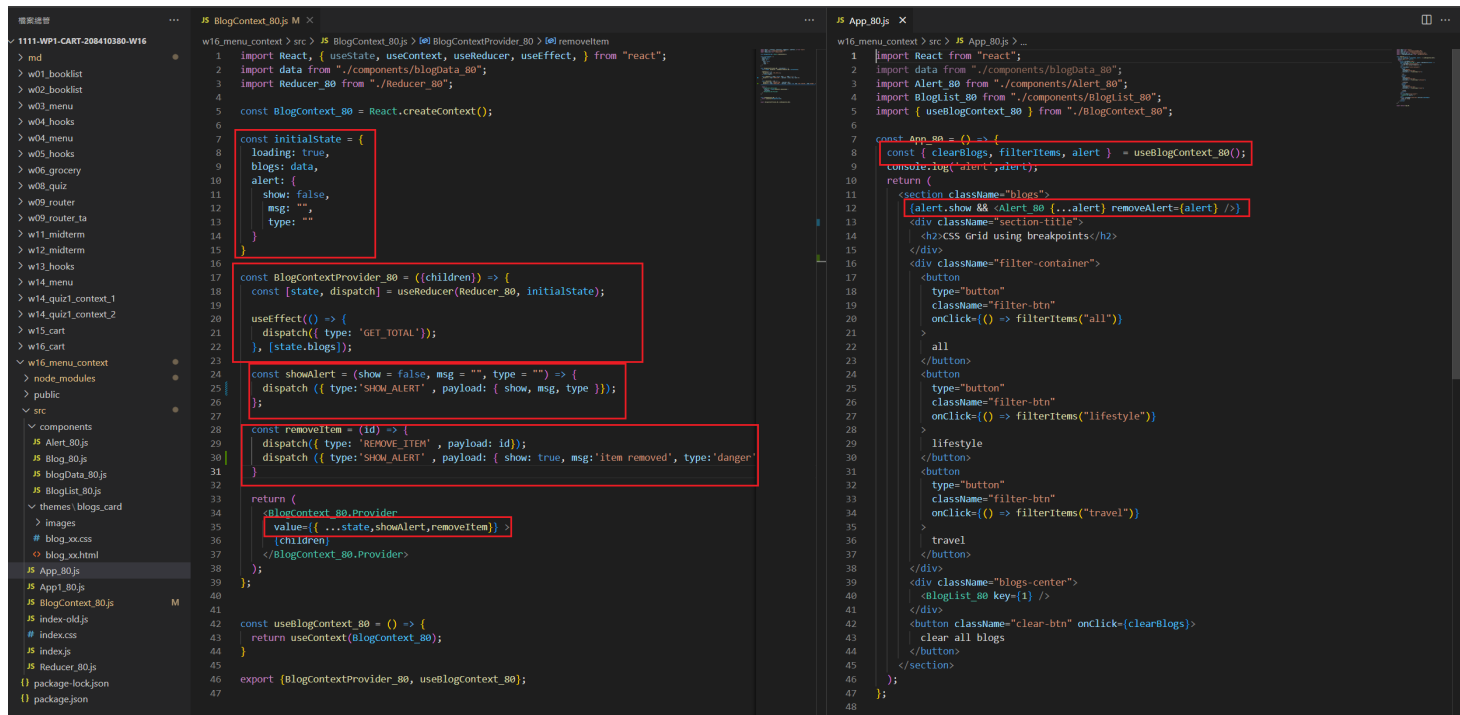
w16_cart > src > components > JS CartItem_80.js > [0] CartItem > [0] amount
1 > import React from 'react';
2 > import { useGlobalContext_80 } from '../Context_80';
3 > const CartItem = ({ id, img, title, price, amount }) => {
4 >   const { increase, decrease, remove } = useGlobalContext_80();
5 >   return (
6 >     <article className='cart-item'>
7 >       <img src={img} alt={title} />
8 >       <div>
9 >         <h4>{title}</h4>
10 >         <h4 className='item-price'>${price}</h4>
11 >         <div>
12 >           <button className='remove-btn' onClick={()=>remove(id)}>
13 >             remove
14 >           </button>
15 >         </div>
16 >       </div>
17 >       <div>
18 >         <div>
19 >           <button className='amount-btn' onClick={()=>increase(id)}>
20 >             <svg xmlns='http://www.w3.org/2000/svg' viewBox='0 0
21 >               <path d='M10.707 7.051 10 6.343 4.343 12.114 1.414
22 >             </svg>
23 >           </button>
24 >           <div>
25 >             <p>{amount}</p>
26 >             <div>
27 >               <button className='amount-btn' onClick={()=>decrease(id)}>
28 >                 <svg xmlns='http://www.w3.org/2000/svg' viewBox='0 0
29 >                   <path d='M9.293 12.951 7.051 12.114 6.586 10.707 9.293
30 >                 </svg>
31 >               </div>
32 >             </div>
33 >           </div>
34 >         </div>
35 >       </div>
36 >     </article>
37 > );
38 > }
39 > export default CartItem;
40 >
```



W16-P3: decrease amount of a cart item




W16-P4: modify w14_quiz1_context_2 to use useReducer, and can remove a blog




Item Removed

CSS Grid Using Breakpoints


AllLifestyleTravel




Travel To Paris
Lorem ipsum dolor, sit amet consectetur adipisicing elit.
[Read More](#) [Delete](#)



Quod Expedita Quam Facere
Lorem ipsum dolor, sit amet consectetur adipisicing elit.
[Read More](#) [Delete](#)



Quod Expedita Quam Facere
Lorem ipsum dolor, sit amet consectetur adipisicing elit.
[Read More](#) [Delete](#)



Quod Expedita Quam Facere
Lorem ipsum dolor, sit amet consectetur adipisicing elit.
[Read More](#) [Delete](#)

Clear All Blogs

DevTools is now available in Chinese!

Always match Chrome's languageSwitch DevTools to ChineseDon't show again

ElementsConsoleComponents

Search (text or /regex/)

BlogContextProvider_80

Context.Provider

App_80

Alert_80

BlogList_80 key="1"

Blog_80 key="2"

Blog_80 key="3"

Blog_80 key="5"

Blog_80 key="7"

Context.Provider

props

children: <App_80 />

value: {alert: (-), blogs: Array(4), loading: true, remove...}

alert: {msg: "Item removed", show: true, type: "danger"}

blogs: [(-), (-), (-), (-)]

loading: true

removeItem: f removeItem() {}

showAlert: f showAlert() {}

new entry: ""

new entry: ""

rendered by

BlogContextProvider_80

createRoot()

react-dom@18.2.0

source

BlogContext_80.js:34

git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2022-12-20"