

# W15-P1: Setup AppProvider\_34 for App\_xx and get state data

The screenshot shows the initial setup of the application. On the left, the VS Code editor displays the `App_34.js` file. The code defines a functional component `App_34` that uses `useGlobalContext_34` to access the global context. The component returns a JSX element containing a `Navbar_34` and a `CartContainer_34`. The `CartContainer_34` is highlighted with a red box. On the right, a web browser at `localhost:3000` displays the 'UseReducer' application. The 'YOUR BAG' section is highlighted with a red box, showing a list of items: Samsung Galaxy S8 (\$399.99), Google Pixel (\$499.99), Xiaomi Redmi Note 2 (\$699.99), and Samsung Galaxy S7 (\$599.99). Each item has a 'remove' button. The browser's developer tools show the component tree on the right, with `App_34` highlighted. The props section shows the state data: `State: [{-}, {-}, {-}, {-}]`, `State: 0`, and `State: 0`.

The screenshot shows the setup of the application in the `index.js` file and the initial state in the `Context_34.js` file. On the left, the VS Code editor displays the `index.js` file. The code imports `AppProvider_34` from `./Context_34` and renders it within a `React.StrictMode` container. The `AppProvider_34` and `App_34` components are highlighted with red boxes. On the right, the VS Code editor displays the `Context_34.js` file. The code defines the initial state and the `AppProvider_34` component. The `AppProvider_34` component is highlighted with a red box, showing it uses `useReducer` to manage the state. The `initialstate` is defined as an object with `loading: false`, `cart: cartItem`, `amount: 0`, and `total: 0`. The `AppProvider_34` component is also highlighted with a red box, showing it uses `useReducer` to manage the state.

The screenshot displays a development environment with three main components:

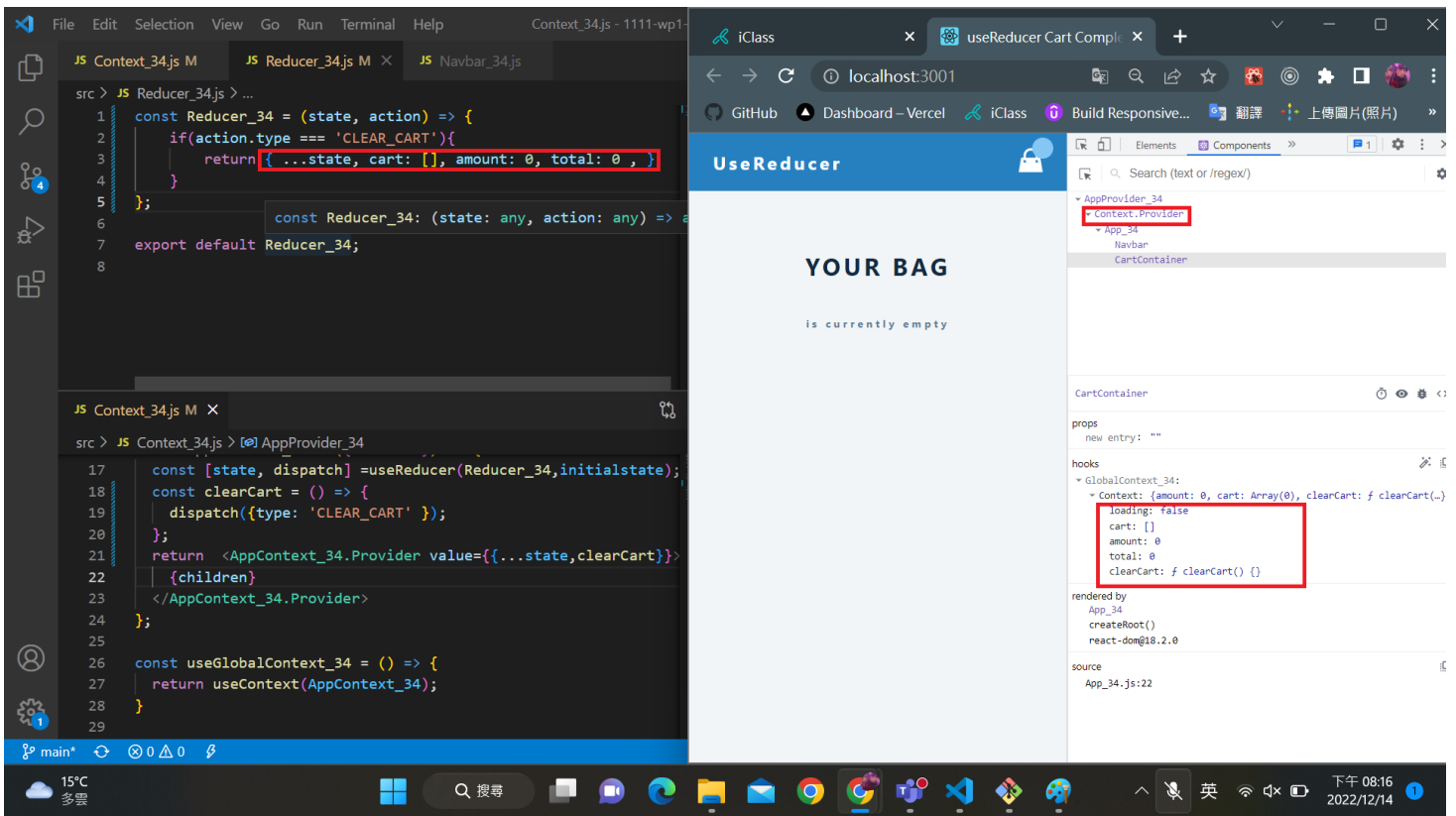
- Code Editor (Left):** Shows the `CartContainer_34.js` file. The code uses `useGlobalContext_34` to manage the shopping cart state. Red boxes highlight the import statement and the `useGlobalContext_34()` call.
- Browser (Middle):** Displays the application running at `localhost:3000`. The page shows a list of items in the cart under the heading "YOUR BAG". The total price is **\$999.9**, and there is a "CLEAR CART" button.
- DevTools (Right):** The Component Inspector shows the component tree. The `GlobalContext_34` component is selected, and the `props` tab shows the state managed by `useGlobalContext_34`. Red boxes highlight the state object and the `rendered by` information.

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CartContainer_34.js - 1111-wp1-demo-210410634 - Visual Studio Code

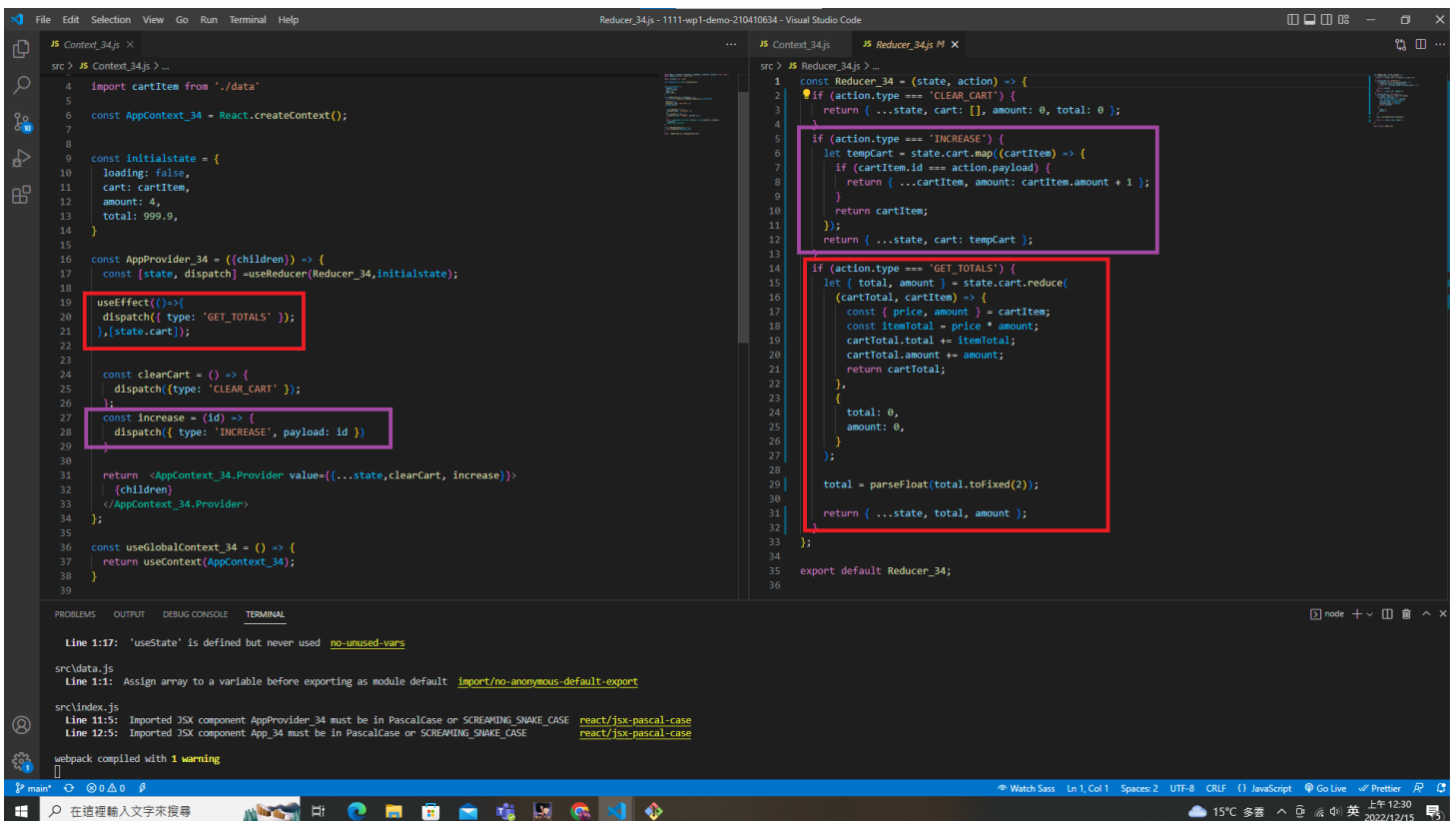
JS Context_34.js M JS Reducer_34.js M JS Navbar_34.js w15_34.md JS CartContainer_34.js M X
src > JS Reducer_34.js > ...
1 const Reducer_34 = (state, action) => {
2   if(action.type === 'CLEAR'){
3     return { ...state, cart: [], amount: 0, total: 0, };
4   }
5 };
6
7 export default Reducer_34;
8

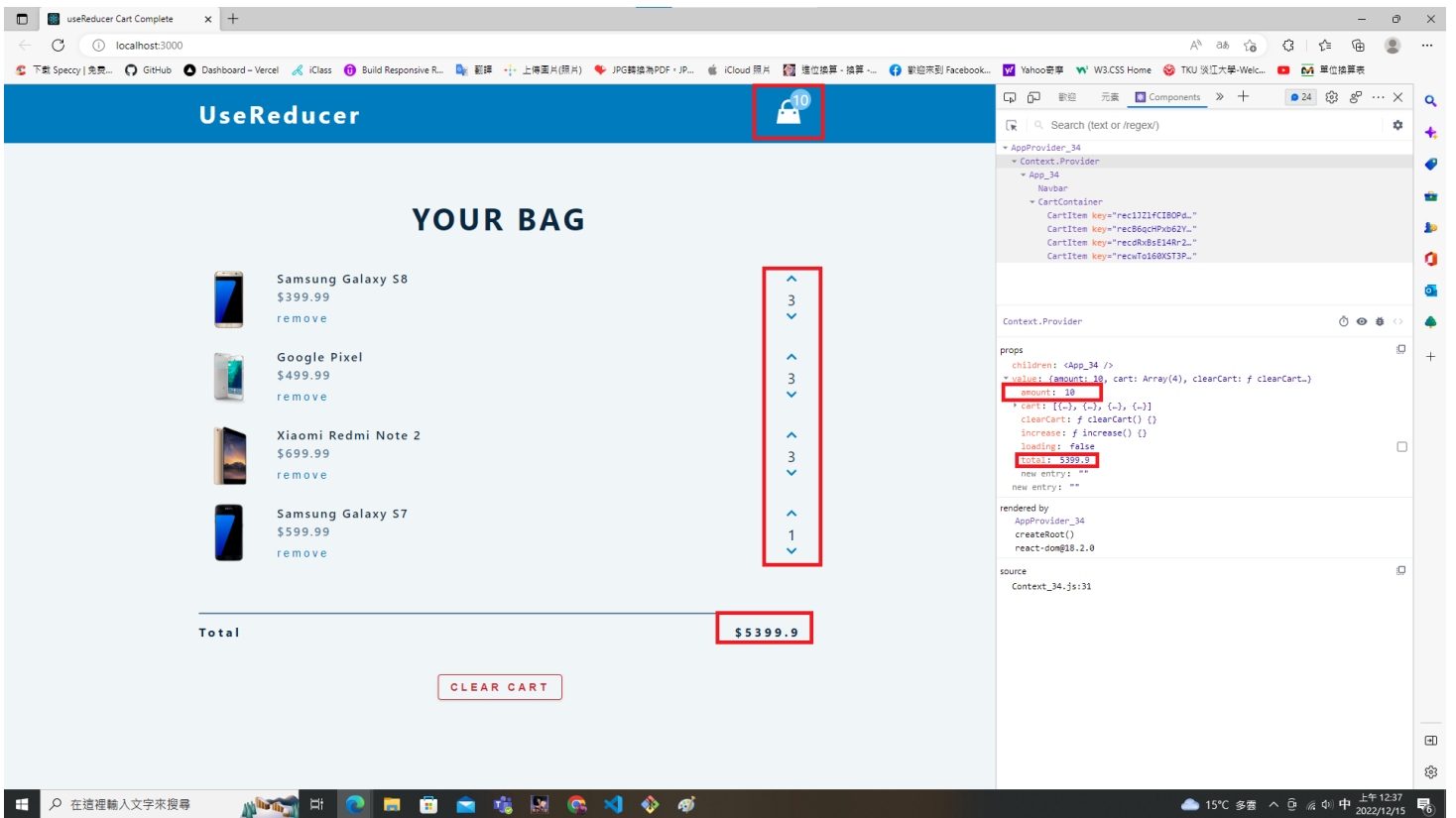
JS Context_34.js M X
src > JS Context_34.js > ...
13 total: 999.9,
14 }
15
16 const AppProvider_34 = ({children}) => {
17   const [state, dispatch] = useReducer(Reducer_34, initialState);
18   const clearCart = () => {
19     dispatch({type: 'CLEAR_CART' });
20   };
21   return <AppContext_34.Provider value={{...state, clearCart}}>
22     {children}
23   </AppContext_34.Provider>
24 };
25

JS CartContainer_34.js M X
src > components > JS CartContainer_34.js > @ CartContainer
5 import { useGlobalContext_34 } from '../Context_34';
6
7 const CartContainer = () => {
8   //const [cart, setCart] = useState(data);
9   //const [total, setTotal] = useState(0);
10  //const [amount, setAmount] = useState(0);
11  const { cart, total, clearCart } = useGlobalContext_34();
12  if (cart.length === 0) {
13    return (
14      <section className="cart">
15        <div>
16          <h2>your bag</h2>
17
35 <div>
36   <div>
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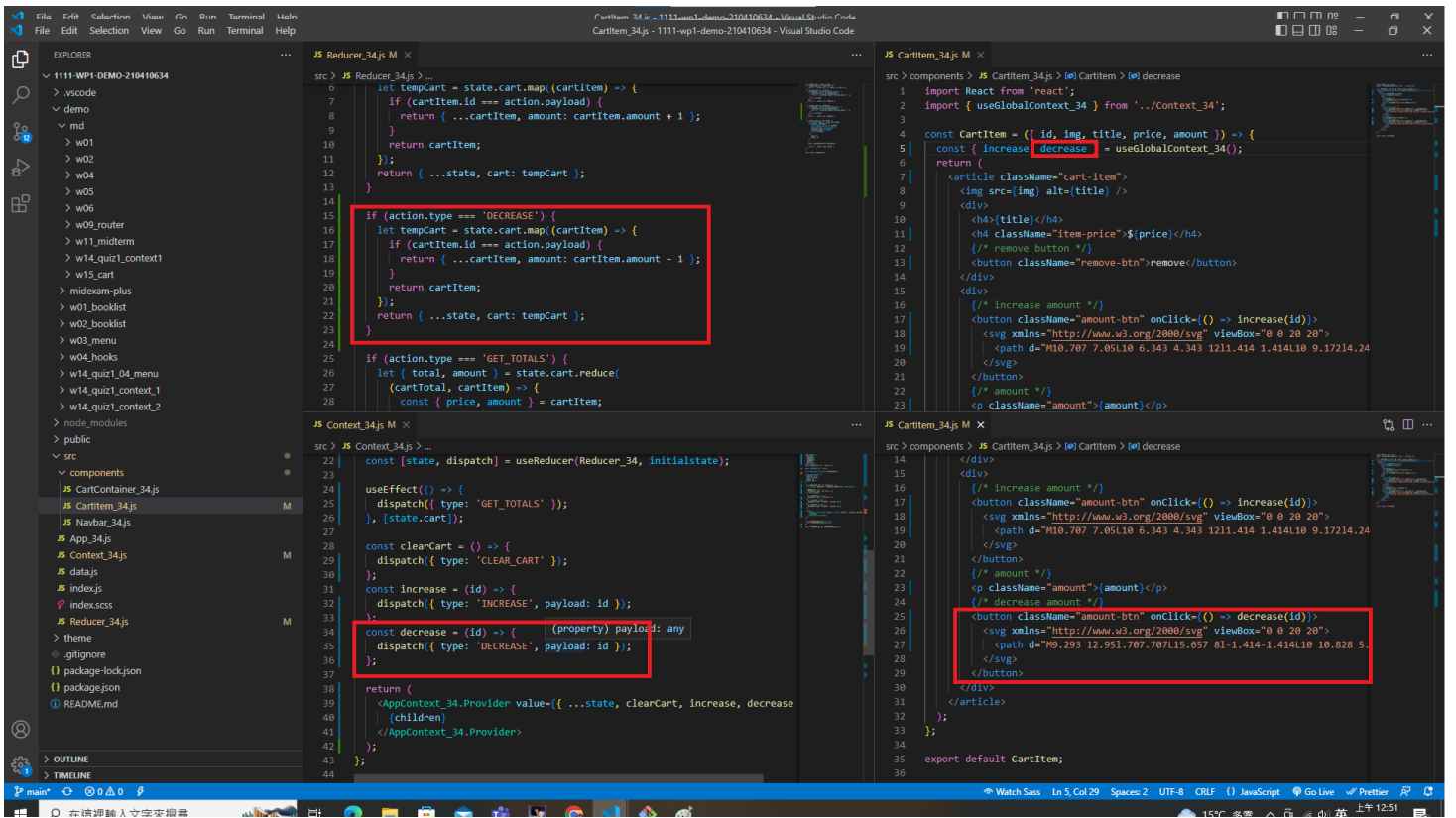


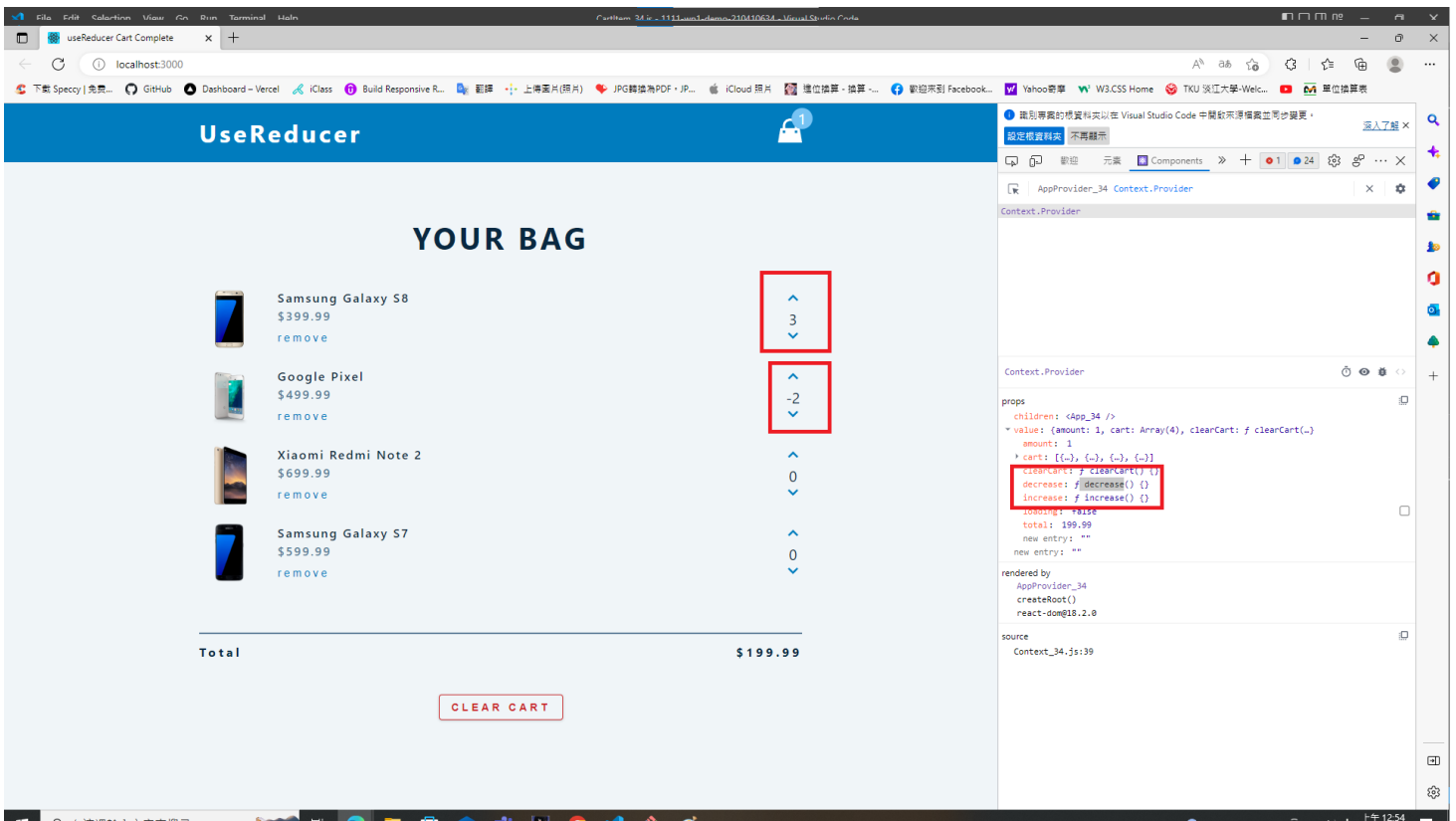
## W15-P4: provide increase and get total function in global context





## W15-P6: provide decrease function in global context





## W15-logs: git logs

```
A-iong@DESKTOP-QG51CGD MINGW64 /d/1111-wp1-demo-210410634 (main)
$ git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2022-12-13"
499cfb5 A-iong Thu Dec 15 00:42:03 2022 +0800 W15-P4: provide increase and get total function in global context
8aff183 A-iong Thu Dec 15 00:22:11 2022 +0800 w15
be86fa0 A-iong Wed Dec 14 20:19:20 2022 +0800 ### W15-P3: put clear cart function in global context
261373b A-iong Wed Dec 14 19:50:21 2022 +0800 W15-P2: replace data in CartContainer using global context
a4b74a6 A-iong Wed Dec 14 19:24:43 2022 +0800 W15-P1: Setup AppProvider_34 for App_xx and get state data
```