

# W15-P1: rewrite MenuPage\_xx.js, can handle filter buttons

The screenshot shows a Microsoft Teams interface with two windows open. On the left, a code editor displays `MenuPaeg_xx.js` with the following code:

```
src > pages > supabase > JS MenuPaeg_xx.js > ...
8 const options = {
9   method: 'GET',
10  headers: {
11    'apikey': `eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3Mi0
12    Authorization: `Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpX
13    ...
14  };
15};
16
17
18 const MenuPage_xx = () => {
19  const [products, setProducts] = useState([]);
20
21  const changeFilter = (filter) => {
22    if(filter === 'all'){
23      url = `${base_url}`;
24    }else{
25      url = `${base_url}&category=eq.${filter}`;
26    }
27    getMenuData_xx(filter);
28  }
29
30  const getMenuData_xx = async (filter = 'all') => {
31    const response = await fetch(url, options);
32    const data = await response.json();
33    console.log(`#${filter} data`, data);
34    setProducts(data);
35  }
36}
```

Below the code editor, there are several warning messages from ESLint and the browser's developer tools:

- WARNING in [eslint]**  
src/pages/supabase/MenuByCategoryPage\_xx.js  
Line 20:10: 'category' is assigned a value but never used `no-unused-vars`
- Line 49:4:** React Hook useEffect has a missing dependency: 'getMenuDataByCategory'. Either include it or remove the dependency array `react-hooks/exhaustive-deps`
- webpack compiled with 1 warning

On the right, a browser window shows the URL `localhost:3000/supa_menu_xx`. The page title is "Menu - Supabase, 210410626". Below the title is a row of buttons: All, Breakfast, Lunch, Dessert, Shakes. The "Breakfast" button is highlighted with a red border. Below the buttons is an image of a milkshake with a large stack of donuts on top, labeled "Godzilla Milkshake" and "6.99". The browser's developer tools DevTools panel is visible on the right, showing network requests and logs.

f5378f1 WeiYiHuangfelix Thu May 25 20:40:06 2023 +0800 W15-P1: rewrite MenuPage\_xx.js, can handle filt

# W15-P2: rewrite MenuByCategoryPage\_xx.js, can handle filter buttons

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localhost:3000/supa\_menu\_xx/shakes

## Menu From Supabase Menu Table

Huang Wei Yi 210410626

All Breakfast Lunch Dessert Shakes

**Godzilla Milkshake** 6.99



Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita

**Oreo Dream** 18.99



DevTools failed to load source map: Could not load content for chrome-extension://ppkoiackhibeogijphfnahmeklmal/js/page.js.map: System error: net::ERR\_BLOCKED\_BY\_CLIENT

MenuByCategoryPage\_xx.js:39 menu data ↗ (2) {→, {→}} MenuByCategoryPage\_xx.js:22 params category shakes react devtools backend comp act.js:2421 params category shakes MenuByCategoryPage\_xx.js:39 menu data ↗ (2) {→, {→}} MenuByCategoryPage\_xx.js:22 params category shakes react devtools backend comp act.js:2421 params category shakes

Console What's New

Highlights from the Chrome 113 update

The screenshot shows a developer's workspace in VS Code with two tabs open:

- EXPLORER**: Shows the project structure with files like `1112-CLIENT-SUPA-210410626`, `src`, `components`, `pages`, `supabase`, and several `.js` files.
- JS MenuByCategoryPage\_xx.js M**: The current file being edited. It contains logic for filtering menu items by category. Key sections highlighted with red boxes include:
  - A function `changeFilter` that logs the category and sets it as the state.
  - An `async` function `getMenuDataByCategory_xx` that constructs a URL based on the category parameter and fetches the data.
  - A `useEffect` hook that calls `getMenuDataByCategory_xx` when the category changes.
- JS App\_26.js**: Another file showing route configuration. A section of the code for handling the `/supa_menu_xx/:category` route is highlighted with a red box.

The status bar at the bottom right indicates a linter rule is active: `react/jsx-pascal-case`.

a5aca17 WeiYiHuangfelix Thu May 25 21:14:03 2023 +0800 W15-P2: rewrite MenuByCategoryPage\_xx.js, can h

## **W15-P3: fetch menu data from local Node PostgreSQL**

The screenshot shows a macOS desktop environment with several open windows:

- Chrome:** A web browser window titled "localhost:3000/node\_menu\_xx". It displays a menu page for "Buttermilk Pancakes" with a price of "15.9". The URL "localhost:3000/node\_menu\_xx" is highlighted with a red box.
- pgAdmin:** A database management tool window titled "public.menu\_xx/wp2\_demo\_26/postgres@database-tku-210410...". It shows the database structure under "Browser" and a table named "menu\_xx" under "Data Output". The table contains the following data:

|   | id | title               | category  | price |
|---|----|---------------------|-----------|-------|
| 1 | 1  | buttermilk pancakes | breakfast | 15.1  |
| 2 | 2  | diner double        | dessert   | 13.1  |
| 3 | 3  | godzilla milkshake  | shakes    | 6.1   |
| 4 | 4  | Country Delight     | lunch     | 20.1  |
| 5 | 5  | Egg Attack          | breakfast | 2.1   |
| 6 | 6  | Oreo Dream          | shakes    | 18.1  |
| 7 | 7  | Bacon Overflow      | breakfast | 8.1   |
| 8 | 8  | American Classic    | lunch     | 12.1  |
| 9 | 9  | Quarantine Buddy    | lunch     | 13.1  |

- System Tray:** Shows various icons for system status and quick access.

The screenshot shows a VS Code interface with two tabs open:

- JS MenuByCategoryPage\_xx.js**: Contains code for a menu page. It includes imports for useState and useEffect from react, and MenuProducts\_xx from a local component folder. A red box highlights the URL assignment: `const base\_url = 'http://localhost:5001/api/node\_menu\_26';` and the getMenuData\_xx() function call.
- JS App\_26.js**: Contains code for the main application router. It uses react-router-dom to define routes for HomePage\_xx, MenuStaticPage\_xx, MenuPage\_xx, and MenuByCategoryPage\_xx. A red box highlights the route definition for 'node\_menu\_xx': `<Route path="/node\_menu\_xx" element={<MenuNodePage\_xx />} />`.

The status bar at the bottom displays a warning message: "Line 48:6: React Hook useEffect has a missing dependency: 'getMenuDataByCategory\_xx'. Either include it or remove the dependency array react-hooks/exhaustive-deps".

## W15-P4: fetch menu data from local json

The screenshot shows the VS Code interface with two files open:

- menu.json** (highlighted with a red box):

```
{
  "id": 1,
  "title": "buttermilk pancakes",
  "category": "breakfast",
  "price": 15.59,
  "img": "/menu/images/item-1.jpeg",
  "descrip": "Lorem ipsum dolor sit amet consectetur adipisci"
},
{
  "id": 2,
  "title": "diner double",
  "category": "dessert",
  "price": 13.99,
  "img": "/menu/images/item-2.jpeg",
  "descrip": "Lorem ipsum dolor sit amet consectetur adipisci"
},
{
  "id": 3,
  "title": "godzilla milkshake",
  "category": "shakes",
  "price": 6.99,
  "img": "/menu/images/item-3.jpeg",
  "descrip": "Lorem ipsum dolor sit amet consectetur adipisci"
},
{
  "id": 4,
  "title": "Country Delight",
  "category": "lunch",
  "price": 20.99,
  "img": "/menu/images/item-4.jpeg",
  "descrip": "Lorem ipsum dolor sit amet consectetur adipisci"
},
{
  "id": 5,
  "title": "Egg Attack",
  "category": null,
  "price": null,
  "img": null,
  "descrip": null
}
```


- MenuLocalJsonPaeg\_xx.js**:

```
import { useState, useEffect } from "react";
import MenuProducts_xx from "../../components/MenuProducts_xx";
import base_url from "./api/menu.json";

const MenuLocalJsonPage_xx = () => {
  const [products, setProducts] = useState([]);
  const [base_url] = useState(`/${base_url}`);
  const [filter, setFilter] = useState("all");

  useEffect(() => {
    getMenuData_xx();
  }, [filter]);

  const getMenuData_xx = async (filter = 'all') => {
    const response = await fetch(url);
    const data = await response.json();
    console.log(`${filter} data`, data);
    setProducts(data);
  };

  return (
    <section>
      <div className="btn-container"></div>
      <div className="section-center">
        <section className="menu">
          <div className="title">
```