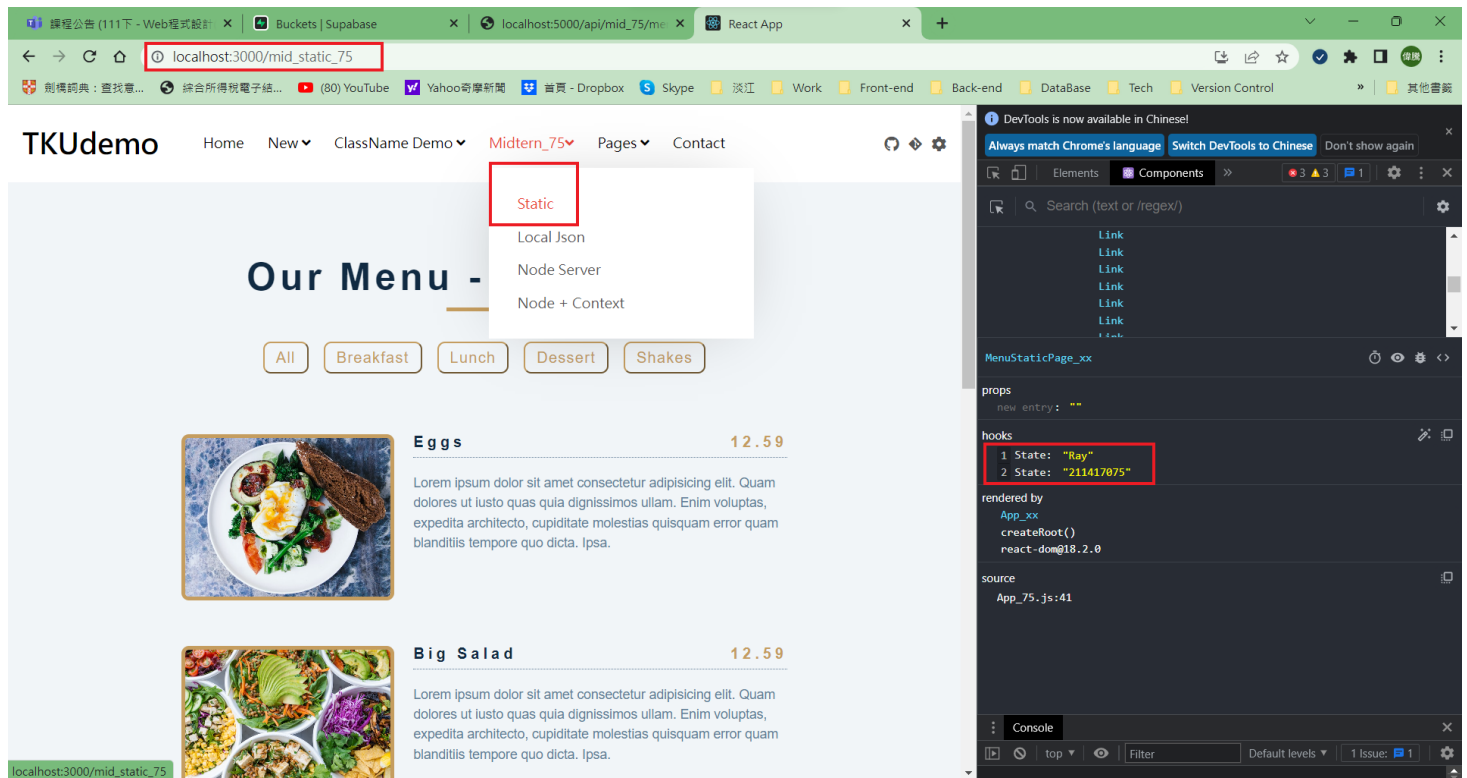


## W12-P1: midterm client P2 answer

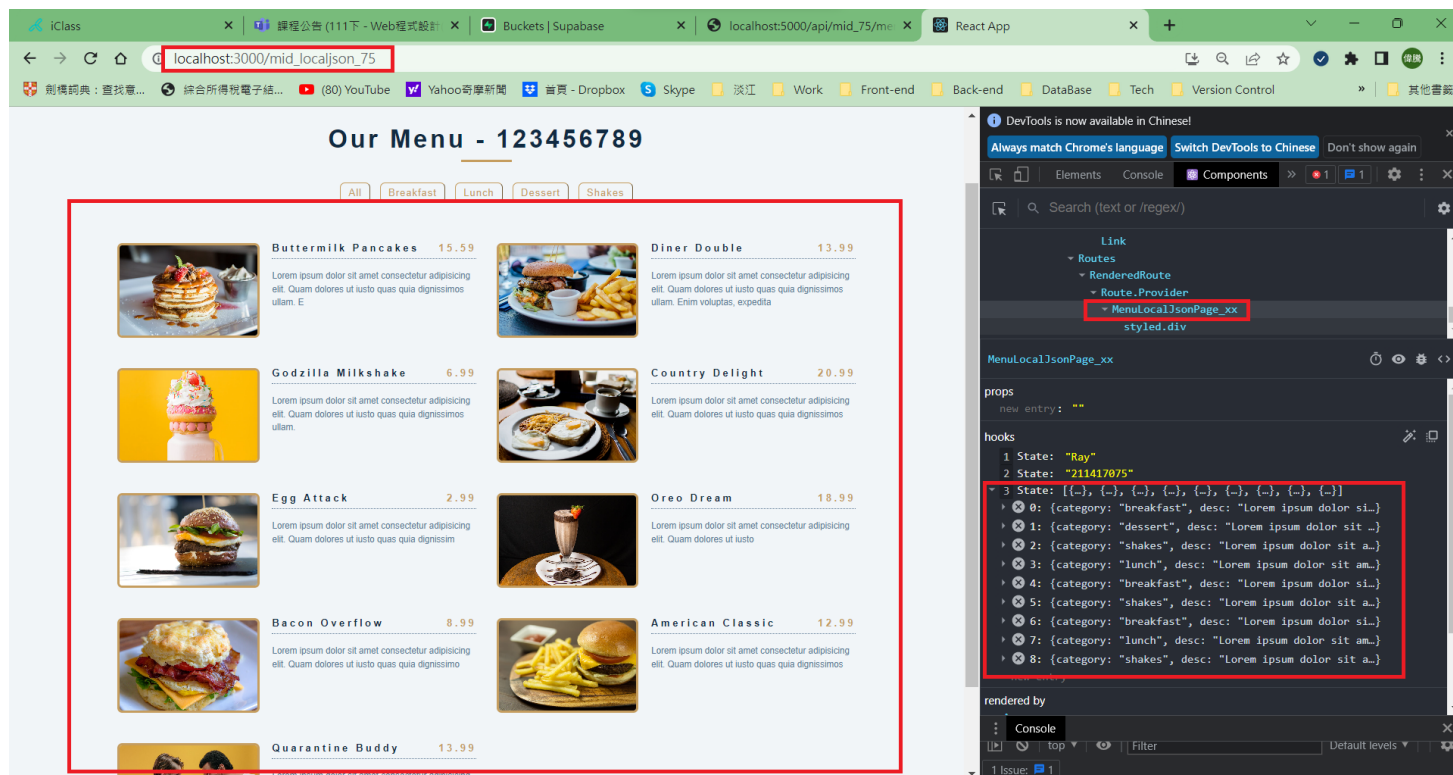


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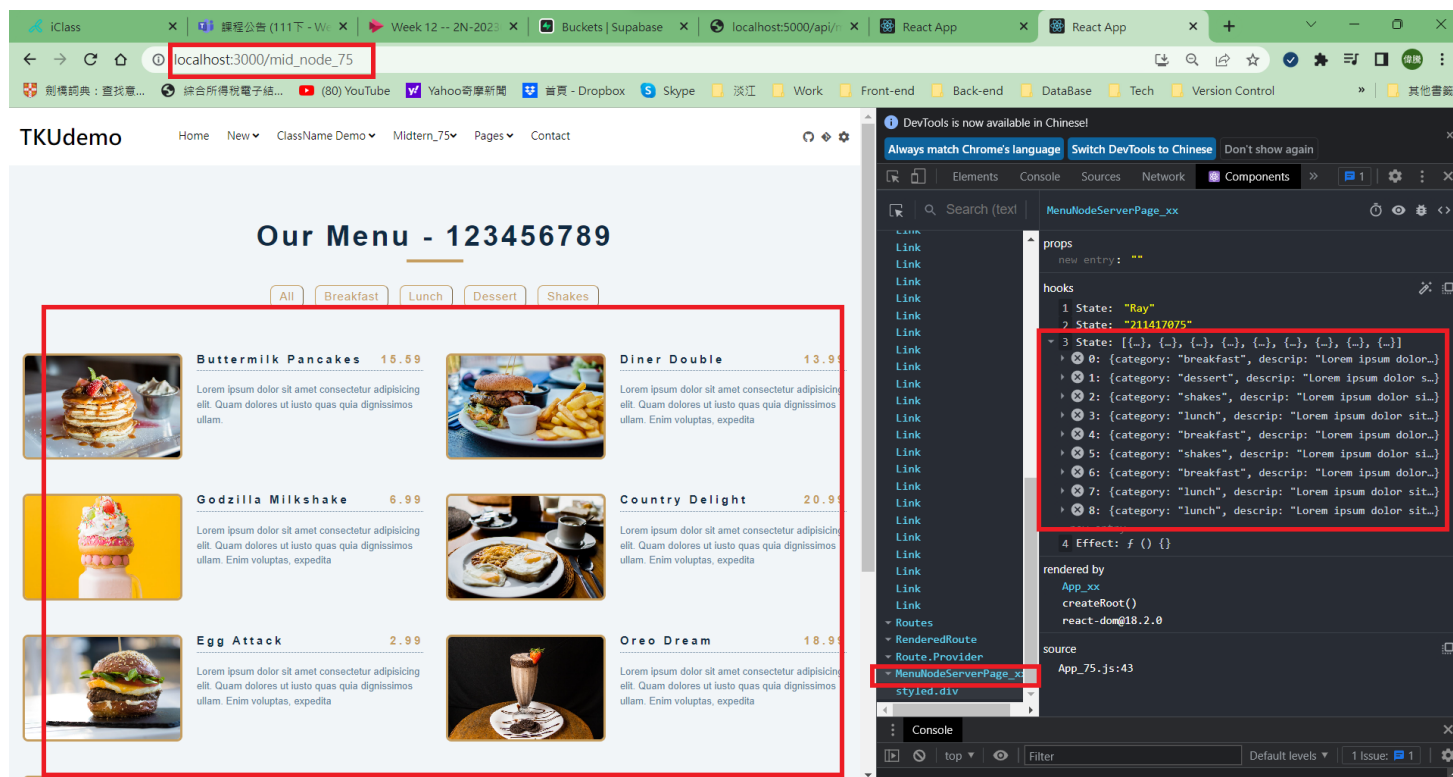
### W12-P1: midterm client P2 answer

# W12-P2: midterm client P2 answer (local json)



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# W12-P3: midterm client P4 answer (node server)



## W12-P4: midterm client P5a, P5b answer (node + context + filter)

The screenshot shows a web application titled "TKUdemo" with a navigation bar containing "Home", "New", "ClassName Demo", "Midterm\_75", "Pages", and "Contact". The main content area displays "Our Menu" with a dropdown menu showing "Static", "Local Json", "Node Server", and "Node + Context" (highlighted). Below the menu are three items: "Buttermilk Pancakes" (15.59), "Diner Double" (13.99), and "Godzilla Milkshake" (6.99). The DevTools Components panel shows the "MenuNodeServerContextPage\_xx" component with the following props and hooks:

```
props
new entry: ""

hooks
DemoContext_75:
  Context: {blogs: Array(0), blogs2: Array(0), data1: Array(4)...}
  pname: "Ray"
  pid: "211417075"
  blogs: []
  blogs2: []
  data1: [(-), (-), (-), (-)]
  data2: [(-), (-), (-), (-)]
  menu: [(-), (-), (-), (-), (-), (-), (-), (-), (-)]
    0: {category: "breakfast", descrip: "Lorem ipsum dolor..."}
    1: {category: "dessert", descrip: "Lorem ipsum dolor s..."}
    2: {category: "shakes", descrip: "Lorem ipsum dolor si..."}
    3: {category: "lunch", descrip: "Lorem ipsum dolor sit..."}
    4: {category: "breakfast", descrip: "Lorem ipsum dolor..."}
    5: {category: "shakes", descrip: "Lorem ipsum dolor si..."}
    6: {category: "breakfast", descrip: "Lorem ipsum dolor..."}
    7: {category: "lunch", descrip: "Lorem ipsum dolor sit..."}
    8: {category: "lunch", descrip: "Lorem ipsum dolor sit..."}
  rendered by
  App_xx
  createRoot()
  react-dom@18.2.0
```

The screenshot shows the same web application "TKUdemo" with the "Midterm\_75" page selected. The "Our Menu" section now displays three items: "Buttermilk Pancakes" (15.59), "Egg Attack" (2.99), and "Bacon Overflow" (8.99). The "Breakfast" filter is selected in the dropdown menu. The DevTools Components panel shows the "MenuNodeServerContextPage\_xx" component with the following props and hooks:

```
props
new entry: ""

hooks
DemoContext_75:
  Context: {blogs: Array(0), blogs2: Array(0), changeMenuFilter...}
  pname: "Ray"
  pid: "211417075"
  blogs: []
  blogs2: []
  data1: [(-), (-), (-), (-)]
  data2: [(-), (-), (-), (-)]
  menu: [(-), (-), (-)]
    0: {category: "breakfast", descrip: "Lorem ipsum dolor..."}
    1: {category: "breakfast", descrip: "Lorem ipsum dolor..."}
    2: {category: "breakfast", descrip: "Lorem ipsum dolor..."}
  changeMenuFilter: # changeMenuFilter() {}
  rendered by
  App_xx
  createRoot()
  react-dom@18.2.0
```

## W12-P5: Fetch menu data from Supabase using contextAPI

### show all menu data

The screenshot displays a web application running on a browser. The address bar shows the URL `localhost:3000/mid_supabase_context_75`. The page title is "TKUdemo". The main content area is titled "Our Menu - 211417075" and features a list of menu items with images and prices:

- Buttermilk Pancakes** (15.59)
- Diner Double** (13.99)
- Godzilla Milkshake** (6.99)
- Country Delight** (20.99)

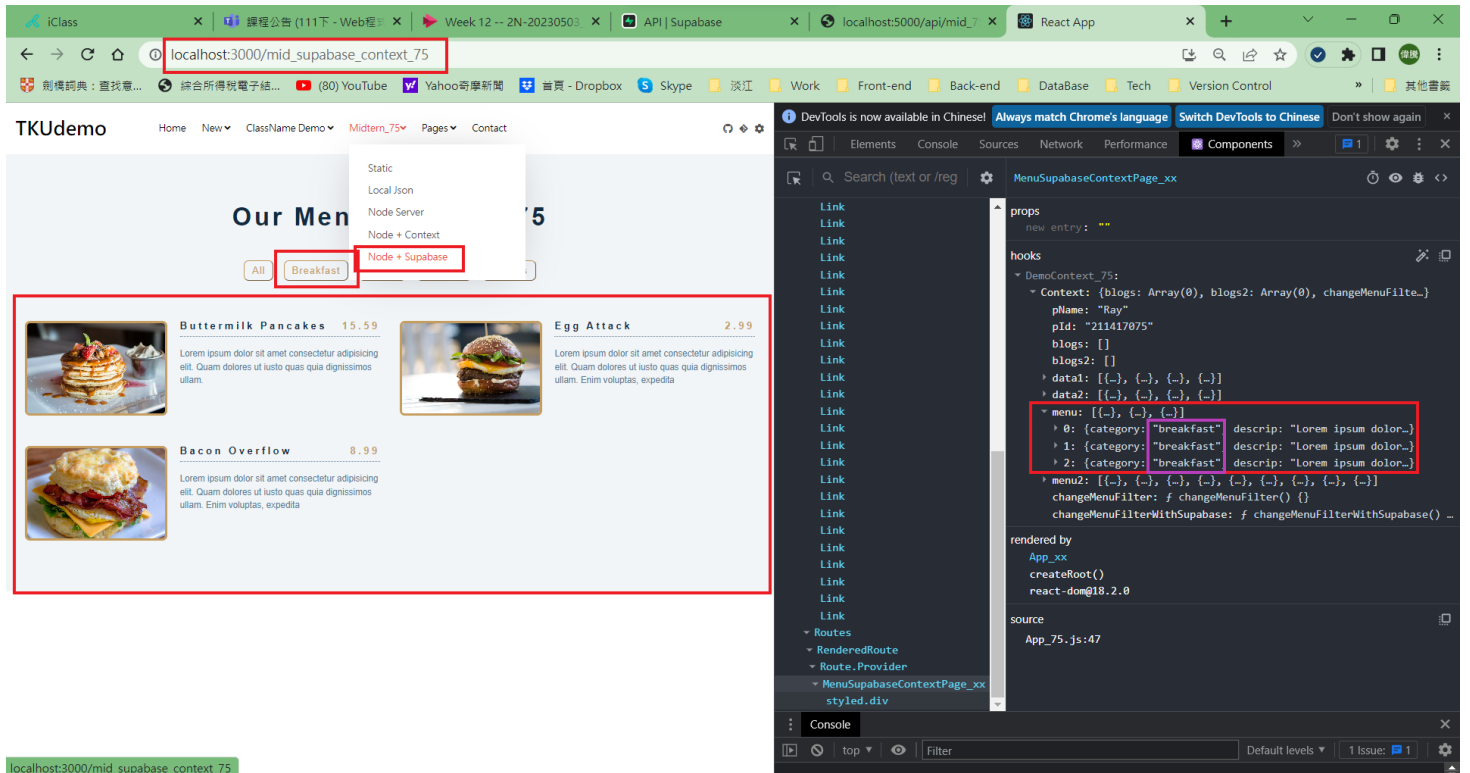
The browser's developer tools are open, showing the "MenuSupabaseContextPage\_xx" component. The component's state is visible in the "Props" tab, including:

- `data1`: `[(-), (-), (-), (-)]`
- `data2`: `[(-), (-), (-), (-)]`
- `menu`: `[(-), (-), (-), (-), (-), (-), (-), (-), (-)]`
- `menu2`: `[(-), (-), (-), (-), (-), (-), (-), (-)]`

The "menu" array contains the following data:

- `0: {category: "breakfast", descrip: "Lorem ipsum dolor..."}`
- `1: {category: "dessert", descrip: "Lorem ipsum dolor s..."}`
- `2: {category: "shakes", descrip: "Lorem ipsum dolor si..."}`
- `3: {category: "lunch", descrip: "Lorem ipsum dolor sit..."}`
- `4: {category: "breakfast", descrip: "Lorem ipsum dolor..."}`
- `5: {category: "shakes", descrip: "Lorem ipsum dolor si..."}`
- `6: {category: "breakfast", descrip: "Lorem ipsum dolor..."}`
- `7: {category: "lunch", descrip: "Lorem ipsum dolor sit..."}`
- `8: {category: "lunch", descrip: "Lorem ipsum dolor sit..."}`

# show filter data (can see menu array changes correspondingly)



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## W12-P5: Fetch menu data from Supabase using contextAPI