

# W12-P1: midterm client P2 answer

The screenshot shows a browser window displaying a food menu page titled "TKUdemo". The URL in the address bar is "localhost:3001/mid\_static\_34". The developer tools are open on the left side, showing the component tree and the "Elements" tab.

**Component Tree:**

- Router
  - Navigation.Provider
  - Location.Provider
    - NavBarMegaResp2\_34
      - styled.div
      - Link
      - Link
      - Link
      - Link
  - Routes
    - RenderedRoute
      - Route.Provider
        - MenuStaticPage\_34
          - styled.div
- Props
  - new entry: ""
- looks
  - 1 State: "A-ion"
  - 2 State: "210410634"
- rendered by
  - App
  - createRoot()
  - react-dom@18.2.0
- source
  - App\_34.js:38

f17ca4e A-iong Wed May 3 19:45:51 2023 +0800 W12-P1: midterm client P2 answer

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

localhost:3001/mid\_localjson\_34

Elements Components

Search (text or /regex/)

Kouter

Navigation.Provider

Location.Provider

NavbarMegaResp2\_34

styled.div

Link

Link

Link

Link

Routes

RoutedRoute

Route.Provider

MenuLocalJsonPage\_34

styled.div

MenuLocalJsonPage\_34

props

new entry: ""

hooks

1 State: "A-ion"

2 State: "210410634"

3 State: [{}]

0: {category: "breakfast", descrip: "Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quam dolores ut iusto quas quia dignissimos ullam. E"}

1: {category: "dessert", descrip: "Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita architecto, cupiditate molestias quisquam error quam blanditiis tempore quo dicta. Ipsa."}

2: {category: "shakes", descrip: "Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita architecto, cupiditate molestias quisquam error quam blanditiis tempore quo dicta. Ipsa."}

3: {category: "lunch", descrip: "Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita architecto, cupiditate molestias quisquam error quam blanditiis tempore quo dicta. Ipsa."}

4: {category: "breakfast", descrip: "Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita architecto, cupiditate molestias quisquam error quam blanditiis tempore quo dicta. Ipsa."}

5: {category: "shakes", descrip: "Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita architecto, cupiditate molestias quisquam error quam blanditiis tempore quo dicta. Ipsa."}

6: {category: "breakfast", descrip: "Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita architecto, cupiditate molestias quisquam error quam blanditiis tempore quo dicta. Ipsa."}

7: {category: "lunch", descrip: "Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita architecto, cupiditate molestias quisquam error quam blanditiis tempore quo dicta. Ipsa."}

8: {category: "shakes", descrip: "Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita architecto, cupiditate molestias quisquam error quam blanditiis tempore quo dicta. Ipsa."}

new entry

rendered by

App

createRoot()

react-dom@18.2.0

source

App\_34.js:39

## TKUdemo

Home New ClassName Demo Midterm\_34 Pages Contact

### Our Menu – Local Json

A-ion 210410634

All Breakfast Lunch Dessert Shakes

	<b>Buttermilk Pancakes</b> 15.59		<b>Dinner Double</b> 13.99
Lorem ipsum dolor sit amet consectetur adipiscing elit. Quam dolores ut iusto quas quia dignissimos ullam. E		Lorem ipsum dolor sit amet consectetur adipiscing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita architecto, cupiditate molestias quisquam error quam blanditiis tempore quo dicta. Ipsa.	
	<b>Godzilla Milkshake</b> 13.99		<b>Godzilla Milkshake</b> 18.99
Lorem ipsum dolor sit amet consectetur adipiscing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita architecto, cupiditate molestias quisquam error quam blanditiis tempore quo dicta. Ipsa.		Lorem ipsum dolor sit amet consectetur adipiscing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita architecto, cupiditate molestias quisquam error quam blanditiis tempore quo dicta. Ipsa.	
	<b>Egg Attack</b> 2.59		<b>Oreo Dream</b> 18.99
Lorem ipsum dolor sit amet consectetur adipiscing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita architecto, cupiditate molestias quisquam error quam blanditiis tempore quo dicta. Ipsa.		Lorem ipsum dolor sit amet consectetur adipiscing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita architecto, cupiditate molestias quisquam error quam blanditiis tempore quo dicta. Ipsa.	
<b>Bacon Overflow</b> 8.99		<b>American Classic</b> 12.99	

e34c201 A-iong Wed May 3 19:46:38 2023 +0800 W12-P2: midterm client P2 answer (local json)

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

```
localhost:3001/mid_node_34
```

Elements Components Search (text or /regex/)

Kouter

- Navigation.Provider
- Location.Provider
- NavbarMegaRsp2\_34
- styled.div
- Link
- Link
- Link
- Link

Routes

- RenderedRoute
- Route.Provider
- MenuNodeServerPage\_34
- styled.div

MenuNodeServerPage\_34

```
props
new entry: ""
hooks
1 State: "A-ion"
2 State: "210410634"
3 State: [...]
4 Effect: f () {}
```

rendered by

```
APP
createRoot()
react-dom@18.2.0
```

source

```
App_34.js:40
```

## TKUdemo

Home New ClassName Demo Midterm\_34 Pages Contact

### Our Menu

A-ion 210410634

All Breakfast Lunch Dessert Shakes



**Buttermilk Pancakes** 15.59

Lore ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam.



**Diner Double** 13.99

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



**Godzilla Milkshake** 6.99

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



**Country Delight** 20.99

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



**Egg Attack** 2.99

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



**Oreo Dream** 18.99

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



**Bacon Overflow** 8.99



**American Classic** 12.99

04e7bc9 A-iong Wed May 3 20:10:42 2023 +0800 W12-P3: midterm client P4 answer (node server)

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

localhost:3001/mid\_node\_context\_34

**TKUdemo**

Our Menu – Node Server Context

A-ion 210410634

All Breakfast Lunch Dessert Shakes

	<b>Buttermilk Pancakes</b> 15.59		<b>Diner Double</b> 13.9
Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam.		Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita	
	<b>Godzilla Milkshake</b> 6.99		<b>Country Delight</b> 20.9
Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita		Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita	
	<b>Egg Attack</b> 2.99		<b>Oreo Dream</b> 13.9
Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita		Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita	
	<b>Bacon Overflow</b> 8.99		<b>American Classic</b> 12.9

MenuNodeServerContextPage\_34

```

props
new entry: ""

hooks
  1 State: "A-ion"
  2 State: "210410634"
  DemoContext_34:
    - Context: {blogs: Array(0), blogs2: Array(0), changeMenuFilter: f}
      pName: "A-ion"
      pId: "210410634"
      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 sit..."}
      7: {category: "lunch", descrip: "Lorem ipsum dolor sit..."}
      8: {category: "lunch", descrip: "Lorem ipsum dolor sit..."}
      changeMenuFilter: f changeMenuFilter()
}

rendered by
  App
  createRoot()
  react-dom@18.2.0

```

localhost:3001/mid\_node\_context\_34

**TKUdemo**

Our Menu

A-ion 210410634

All Breakfast Lunch Dessert Shakes

	<b>Buttermilk Pancakes</b> 15.59		<b>Egg Attack</b>
Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam.		Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita	
	<b>Bacon Overflow</b> 8.99		

MenuNodeServerContextPage\_34

```

props
new entry: ""

hooks
  1 State: "A-ion"
  2 State: "210410634"
  DemoContext_34:
    - Context: {blogs: Array(0), blogs2: Array(0), changeMenuFilter: f}
      pName: "A-ion"
      pId: "210410634"
      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: f changeMenuFilter()
}

rendered by
  App
  createRoot()
  react-dom@18.2.0

```

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

### show all menu data

localhost:3001/mid\_supabase\_context\_34

TKUdemo Home New ClassName Demo Midterm\_34 Pages Contact

**Our Menu**  
A-Ion 2104100634

All Breakfast Lunch Dessert Shakes

	<b>Buttermilk Pancakes</b> 15.59 Lorem ipsum dolor sit amet consectetur adipiscing elit. Quam dolores ut lucto quas quis dignissimos ullam. Enim voluptas, expedita		<b>Diner Double</b> 13.99 Lorem ipsum dolor sit amet consectetur adipiscing elit. Quam dolores ut lucto quas quis dignissimos ullam. Enim voluptas, expedita
	<b>Godzilla Milkshake</b> 6.99 Lorem ipsum dolor sit amet consectetur adipiscing elit. Quam dolores ut lucto quas quis dignissimos ullam. Enim voluptas, expedita		<b>Country Delight</b> 20.99 Lorem ipsum dolor sit amet consectetur adipiscing elit. Quam dolores ut lucto quas quis dignissimos ullam. Enim voluptas, expedita
	<b>Egg Attack</b> 2.99 Lorem ipsum dolor sit amet consectetur adipiscing elit. Quam dolores ut lucto quas quis dignissimos ullam. Enim voluptas, expedita		<b>Oreo Dream</b> 18.99 Lorem ipsum dolor sit amet consectetur adipiscing elit. Quam dolores ut lucto quas quis dignissimos ullam. Enim voluptas, expedita
	<b>Bacon Overflow</b> 8.99 Lorem ipsum dolor sit amet consectetur adipiscing elit. Quam dolores ut lucto quas quis dignissimos ullam. Enim voluptas, expedita		<b>American Classic</b> 12.99 Lorem ipsum dolor sit amet consectetur adipiscing elit. Quam dolores ut lucto quas quis dignissimos ullam. Enim voluptas, expedita
	<b>Quarantine Buddy</b> 13.99 Lorem ipsum dolor sit amet consectetur adipiscing elit. Quam dolores ut lucto quas quis dignissimos ullam. Enim voluptas, expedita		

Props new entry: ""

Hooks

- 1 State: "A-Ion"
- 2 State: "2104100634"
- DemoContext\_34:
  - Context: {blogs: Array(0), blogs2: Array(0), changeMenuFilter: f changeMenuFilter(), changeMenuSupabaseFilter: f changeMenuSupabaseFilter()}

menu: [{}]

menu2: [{}]

rendered by

App

createRoot()

react-dom@18.2.0

source

App\_34.js:43

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

The screenshot shows a browser window with the URL `localhost:3001/mid_supabase_context_34`. The main content area displays a "Our Menu" page for "A-ion 2104100634". The page features a navigation bar with links to Home, New, ClassName Demo, Midterm\_34, Pages, and Contact. Below the navigation is a "Our Menu" section with a "All" button and filters for Breakfast, Lunch, Dessert, and Shakes. Two menu items are shown: "Godzilla Milkshake" at \$6.99 and "Oreo Dream" at \$18.99. Each item has a small image, a name, a price, and a short description. A red box highlights the "Shakes" filter button and the "Oreo Dream" menu item. On the left side of the browser, the React DevTools component tree is visible, showing the structure of the application components. A red box highlights a specific part of the component tree where the "MenuNodeServerContextPage\_34" component is expanded, showing its props, state, and hooks. The hooks section contains several functions and variables, with a red box highlighting the "menu" hook and its value.

## All logs of W12

```
$ git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2023-5-2"
4ee26be A-iong  Wed May 3 23:56:09 2023 +0800  W12-P5: Fetch menu data from Supabase using contextAPI
d96ad45 A-iong  Wed May 3 21:23:28 2023 +0800  W12-P4: midterm client P5a, P5b answer (node + context)
04e7bc9 A-iong  Wed May 3 20:10:42 2023 +0800  W12-P3: midterm client P4 answer (node server)
e34c201 A-iong  Wed May 3 19:46:38 2023 +0800  W12-P2: midterm client P2 answer (local json)
f17ca4e A-iong  Wed May 3 19:45:51 2023 +0800  W12-P1: midterm client P2 answer
```