

My Github repo URL

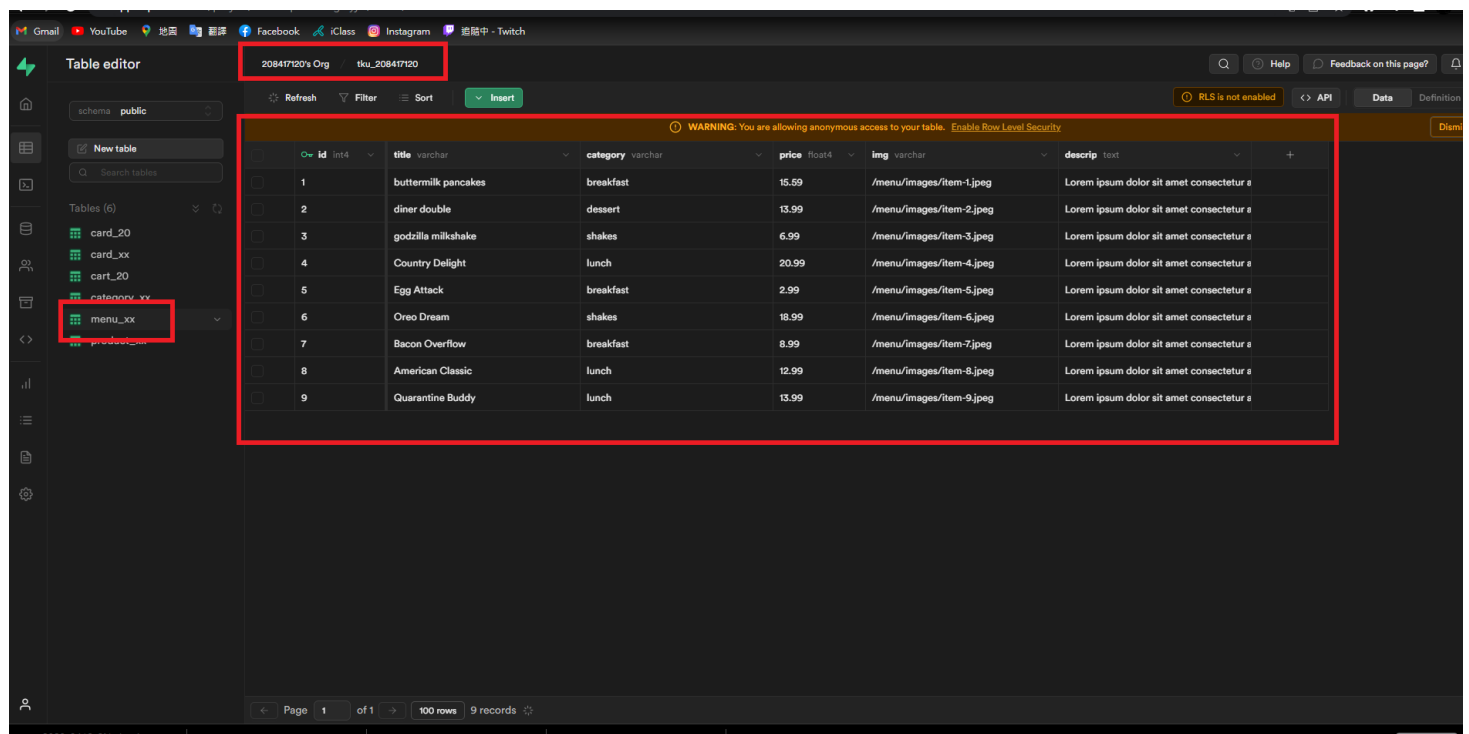
My Render URL

My Github for Render URL

My Vercel URL

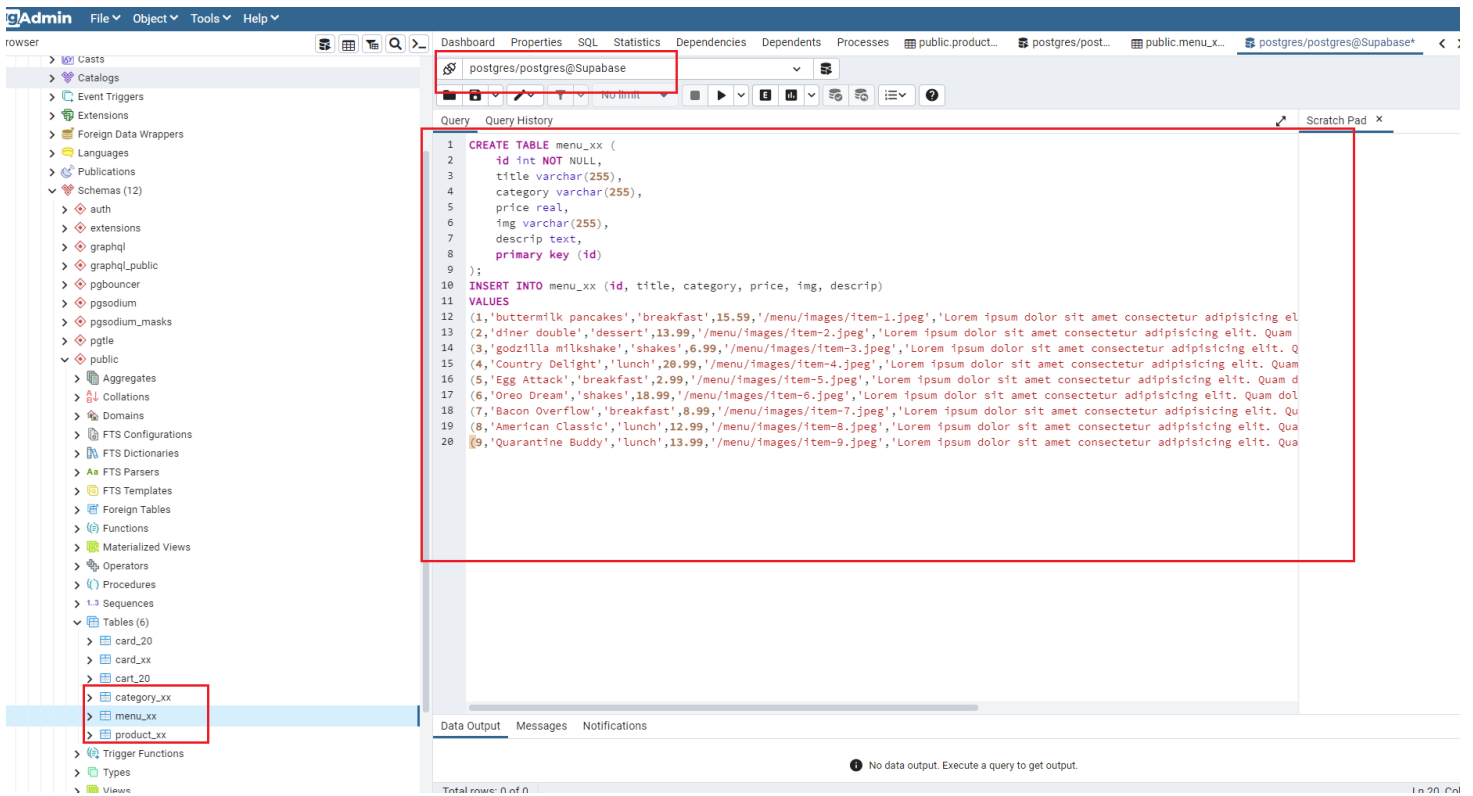
My Github for Vercel URL

W011-P1: Midterm answer 6.a, 6.b

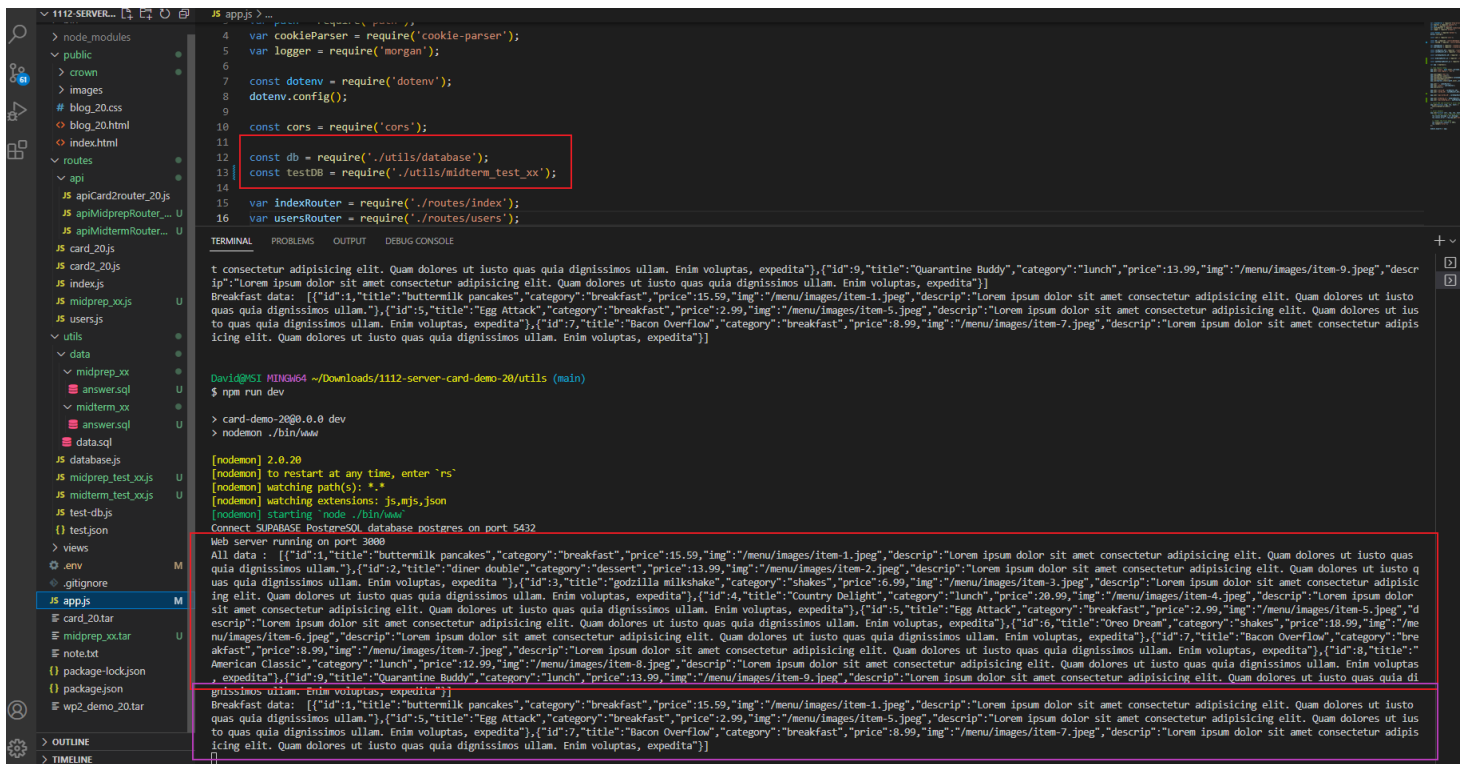


The screenshot shows the Supabase Table Editor interface. At the top, the user is logged in as '20841720's Org' with the user ID 'tku_20841720'. The interface includes a sidebar with a 'New table' button and a list of existing tables: 'card_20', 'card_xx', 'cart_20', 'category_xx', 'menu_xx', and 'products'. The 'menu_xx' table is selected and highlighted. The main area displays the table structure and data. A warning message at the top of the table states: 'WARNING: You are allowing anonymous access to your table. Enable Row Level Security'. The table has the following columns: 'id' (int4), 'title' (varchar), 'category' (varchar), 'price' (float4), 'img' (varchar), and 'descrip' (text). The table contains 9 rows of data, each representing a menu item. The bottom of the interface shows pagination information: 'Page 1 of 1', '100 rows', and '9 records'.

	id	title	category	price	img	descrip
	1	buttermilk pancakes	breakfast	15.59	/menu/images/item-1.jpeg	Lorem ipsum dolor sit amet consectetur a
	2	diner double	dessert	13.99	/menu/images/item-2.jpeg	Lorem ipsum dolor sit amet consectetur a
	3	godzilla milkshake	shakes	6.99	/menu/images/item-3.jpeg	Lorem ipsum dolor sit amet consectetur a
	4	Country Delight	lunch	20.99	/menu/images/item-4.jpeg	Lorem ipsum dolor sit amet consectetur a
	5	Egg Attack	breakfast	2.99	/menu/images/item-5.jpeg	Lorem ipsum dolor sit amet consectetur a
	6	Oreo Dream	shakes	18.99	/menu/images/item-6.jpeg	Lorem ipsum dolor sit amet consectetur a
	7	Bacon Overflow	breakfast	8.99	/menu/images/item-7.jpeg	Lorem ipsum dolor sit amet consectetur a
	8	American Classic	lunch	12.99	/menu/images/item-8.jpeg	Lorem ipsum dolor sit amet consectetur a
	9	Quarantine Buddy	lunch	13.99	/menu/images/item-9.jpeg	Lorem ipsum dolor sit amet consectetur a



W011-P2: Midterm answer 6.c, 7, 8



1112-SERVER-CARD-DEMO-20

node_modules

public

crow

images

blog_20.css

blog_20.html

index.html

routes

api

apiCardRouter_20.js

apiMidprepRouter_20.js

apiMidtermRouter_20.js

card_20.js

card2_20.js

index.js

midprep_xx.js

users.js

utils

data

midprep_xx

answersql

midterm_xx

answersql

data.sql

database.js

midprep_test_xx.js

midterm_test_xx.js

test-db.js

test.json

views

env

gitignore

app.js

card_20.tar

midprep_xx.tar

note.txt

package-lock.json

package.json

wp2_demo_20.tar

OUTLINE

routes > api > `node apiMidtermRouter_xx.js`

1 var express = require('express');
2 var router = express.Router();
3
4 const db = require('../utils/database');
5
6 router.get('/menu_xx', async function (req, res, next) {
7 try {
8 let results = await db.query('select * from menu_xx');
9 console.log('All data : ', JSON.stringify(results.rows));
10 res.json(results.rows);
11 } catch (error) {
12 console.log(error);
13 }
14 });
15
16 router.get('/menu_xx/category', async function (req, res, next) {});
17
18 module.exports = router;
19

TERMINAL PROBLEMS OUTPUT DEBUG CONSOLE
t consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ull
am. Enim voluptas, expedita"), {"id":9,"title":"Quarantine Buddy","category":"lu
nch","price":13.99,"img":"/menu/images/item-9.jpeg","descrip":"Lorem ipsum dolo
r sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignis
simos ullam. Enim voluptas, expedita"]]
GET /api/mid_xx/menu_xx 200 1083.396 ms - 2191

powershell
bash

localhost:3000/api/mid_xx/menu_xx

1 // 20230504063817
2 // http://localhost:3000/api/mid_xx/menu_xx
3
4 {
5 {
6 "id": 1,
7 "title": "buttermilk pancakes",
8 "category": "breakfast",
9 "price": 15.59,
10 "img": "/menu/images/item-1.jpeg",
11 "descrip": "Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto
quas quia dignissimos ullam."
12 },
13 },
14 },
15 },
16 },
17 },
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96 },
97 },
98 },
99 },
100 }

1112-SERVER-CARD-DEMO-20

node_modules

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crow

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blog_20.css

blog_20.html

index.html

routes

api

apiCardRouter_20.js

apiMidprepRouter_20.js

apiMidtermRouter_20.js

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card2_20.js

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card_20.tar

midprep_xx.tar

note.txt

package-lock.json

package.json

wp2_demo_20.tar

OUTLINE

routes > api > `node apiMidtermRouter_xx.js`

4 const db = require('../utils/database');
5
6 router.get('/menu_xx', async function (req, res, next) {
7 try {
8 let results = await db.query('select * from menu_xx');
9 console.log('All data : ', JSON.stringify(results.rows));
10 res.json(results.rows);
11 } catch (error) {
12 console.log(error);
13 }
14 });
15
16 router.get('/menu_xx/category', async function (req, res, next) {
17 let category = req.params.category;
18
19 let results = await db.query('select * from menu_xx where
category = \$1',[category]);
20 // console.log('Breakfast data: ', JSON.stringify(results.
rows));
21 res.json(results.rows);
22 } catch (error) {
23 console.log(error);
24 }
25 });
26
27 module.exports = router;
28

TERMINAL PROBLEMS OUTPUT DEBUG CONSOLE
InternalQuery: undefined,
where: undefined,
schema: undefined,
table: undefined,
column: undefined,
dataType: undefined,
constraints: undefined,
file: 'parse_open.c',
line: '647',
routine: 'op_error'
}
[nodemon] restarting due to changes...
[nodemon] starting node ./bin/www
Connect SUPABASE PostgreSQL database postgres on port 5432
Web server running on port 3000
GET /api/mid_xx/menu_xx/breakfast 200 1919.878 ms - 720

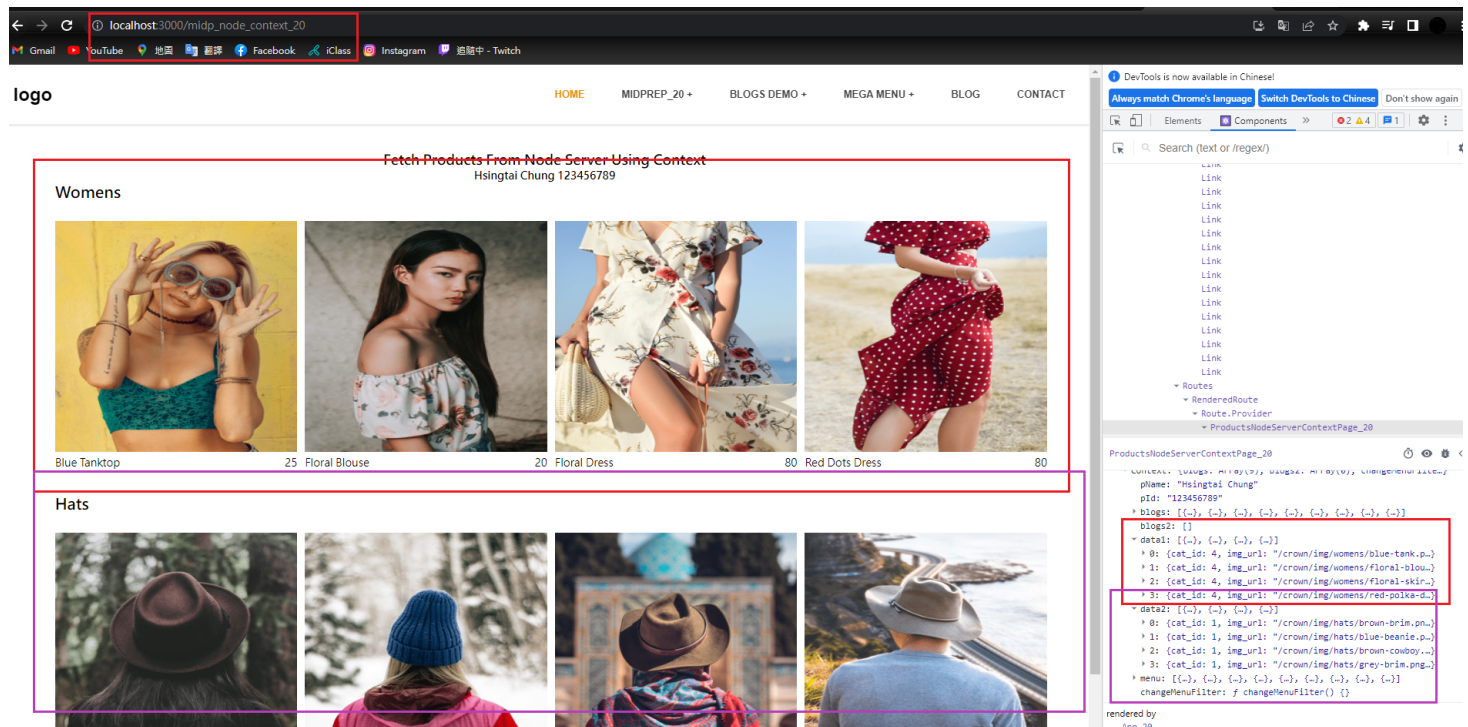
powershell
bash

localhost:3000/api/mid_xx/menu_xx/breakfast

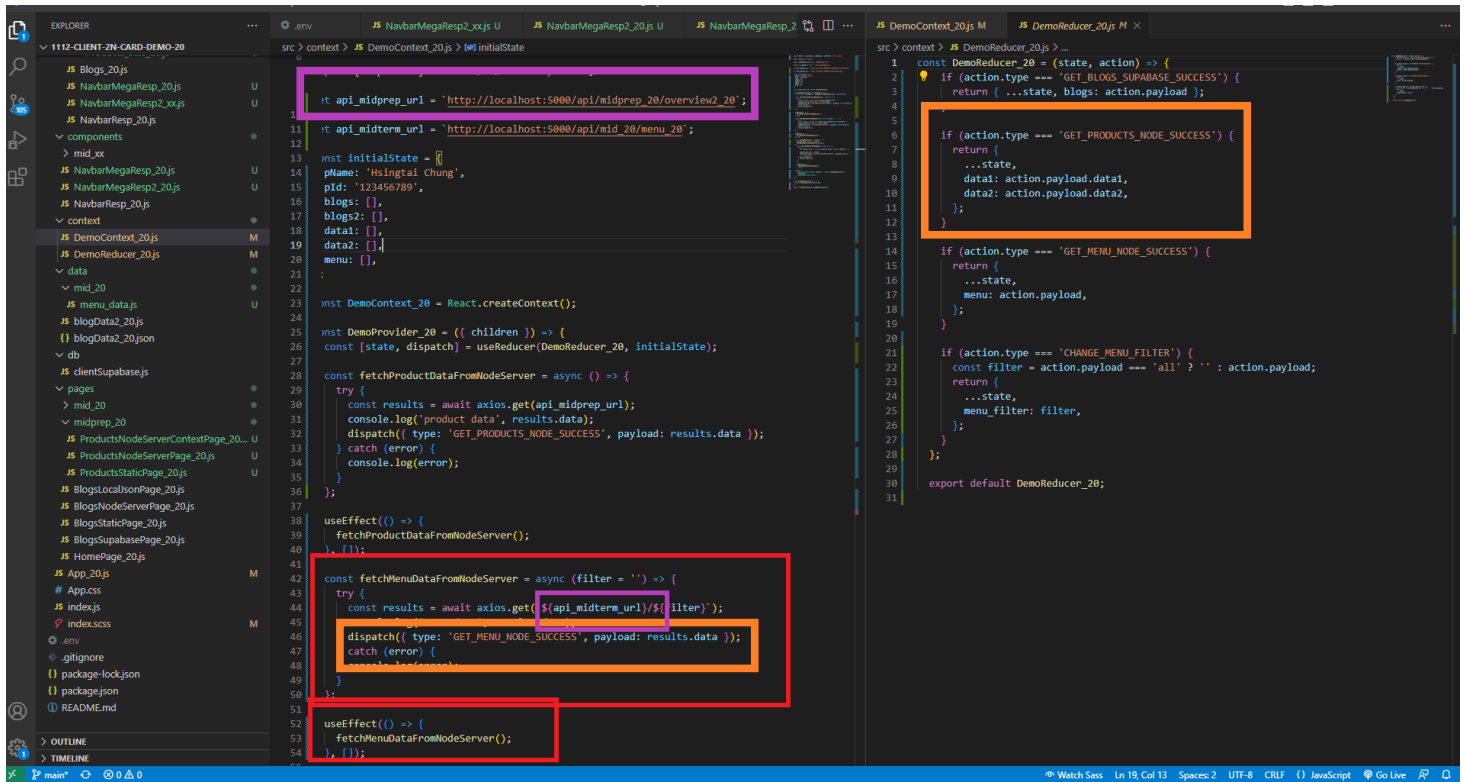
1 // 20230504065822
2 // http://localhost:3000/api/mid_xx/menu_xx/breakfast
3
4 {
5 {
6 "id": 1,
7 "title": "buttermilk pancakes",
8 "category": "breakfast",
9 "price": 15.59,
10 "img": "/menu/images/item-1.jpeg",
11 "descrip": "Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto
quas quia dignissimos ullam."
12 },
13 },
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99 },
100 }

W011-P3: Show Midprep answers of node server with context

for route /midp_node_context_xx



show how to get data1, data2 from api, and store with useContext and useReducer



The image shows a VS Code editor with two files open: `DemoContext_20.js` and `DemoReducer_20.js`. The `DemoContext_20.js` file contains the initial state and the `fetchProductDataFromNodeServer` function. The `DemoReducer_20.js` file contains the `DemoReducer_20` function. Annotations highlight specific parts of the code:

- Initial State:** The `initialState` object in `DemoContext_20.js` is highlighted with a purple box. It includes `api_midprep_url`, `api_midterm_url`, `pname`, `pid`, `blogs`, `blogs2`, `data1`, `data2`, and `menu`.
- `fetchProductDataFromNodeServer` Function:

 - The `api_midprep_url` variable is highlighted with a purple box.
 - The `dispatch` call with type `'GET_PRODUCTS_NODE_SUCCESS'` is highlighted with an orange box.
 - The `fetchMenuDataFromNodeServer` function is highlighted with a red box.
 - The `dispatch` call with type `'GET_MENU_NODE_SUCCESS'` is highlighted with an orange box.

```
src > context > JS DemoContext_20.js > initialState
11 | const api_midprep_url = 'http://localhost:5000/api/midprep_20/overview2_20';
12 |
13 | const api_midterm_url = 'http://localhost:5000/api/mid_20/menu_20';
14 |
15 | const initialState = {
16 |   pname: 'Hsingtai Chung',
17 |   pid: '123456789',
18 |   blogs: [],
19 |   blogs2: [],
20 |   data1: [],
21 |   data2: [],
22 |   menu: [],
23 | };
24 |
25 | const DemoContext_20 = React.createContext();
26 |
27 | const DemoProvider_20 = ({ children }) => {
28 |   const [state, dispatch] = useReducer(DemoReducer_20, initialState);
29 |
30 |   const fetchProductDataFromNodeServer = async () => {
31 |     try {
32 |       const results = await axios.get(api_midprep_url);
33 |       console.log('product data', results.data);
34 |       dispatch({ type: 'GET_PRODUCTS_NODE_SUCCESS', payload: results.data });
35 |     } catch (error) {
36 |       console.log(error);
37 |     }
38 |   };
39 |
40 |   useEffect(() => {
41 |     fetchProductDataFromNodeServer();
42 |   }, []);
43 |
44 |   const fetchMenuDataFromNodeServer = async (filter = '') => {
45 |     try {
46 |       const results = await axios.get(`${api_midterm_url}/${filter}`);
47 |       dispatch({ type: 'GET_MENU_NODE_SUCCESS', payload: results.data });
48 |     } catch (error) {
49 |       console.log(error);
50 |     }
51 |   };
52 |
53 |   useEffect(() => {
54 |     fetchMenuDataFromNodeServer();
55 |   }, []);
56 | }
```

```
src > context > JS DemoReducer_20.js >
1 | const DemoReducer_20 = (state, action) => {
2 |   if (action.type === 'GET_BLOGS_SUPABASE_SUCCESS') {
3 |     return { ...state, blogs: action.payload };
4 |   }
5 |
6 |   if (action.type === 'GET_PRODUCTS_NODE_SUCCESS') {
7 |     return {
8 |       ...state,
9 |       data1: action.payload.data1,
10 |      data2: action.payload.data2,
11 |    };
12 |   }
13 |
14 |   if (action.type === 'GET_MENU_NODE_SUCCESS') {
15 |     return {
16 |       ...state,
17 |       menu: action.payload,
18 |     };
19 |   }
20 |
21 |   if (action.type === 'CHANGE_MENU_FILTER') {
22 |     const filter = action.payload === 'all' ? '' : action.payload;
23 |     return {
24 |       ...state,
25 |       menu_filter: filter,
26 |     };
27 |   }
28 | };
29 |
30 | export default DemoReducer_20;
```

The image shows a code editor with two files open. The left file is `DemoContext_20.js` and the right file is `ProductsNodeServerContextPage_20.js`.

Left File: `DemoContext_20.js`

```
1  import DemoReducer_20 from './DemoReducer_20';
2
3  import { supabase } from './db/clientSupabase';
4
5  let api_midprep_url = 'http://localhost:5000/api/midprep_20/overview2_20';
6
7  let api_midterm_url = 'http://localhost:5000/api/mid_20/menu_20';
8
9  const initialState = {
10    pName: 'Hsingtal Chung',
11    pId: '123456789',
12    blogs: [],
13    blogs2: [],
14    data1: [],
15    data2: [],
16    menu: [],
17  };
18
19  const DemoContext_20 = React.createContext();
20
21  const DemoProvider_20 = ({ children }) => {
22    const useDemoContext_20 = () => {
23      return useContext(DemoContext_20);
24    };
25    export { DemoProvider_20, useDemoContext_20 };
26  }
```

Right File: `ProductsNodeServerContextPage_20.js`

```
1  import { useDemoContext_20 } from '../context/DemoContext_20';
2
3  import Wrapper from '../assets/wrapper/midprep_20/Products_css_20';
4
5  // import blogsData from './data/blogData2_20';
6
7  // let api_url = 'http://localhost:5000/api/midprep_20/overview2_20';
8
9  // let api_url = 'https://one12-server-card-demo-20.onrender.com/api/card2_20';
10
11  const ProductsNodeServerContextPage_20 = () => {
12    const { pName, pId, data1, data2 } = useDemoContext_20();
13    //const { pName, pId, data1, data2 } = useDemoContext_20();
14
15    return (
16      <Wrapper>
17        <div className='shop-page'>
18          <div className='section-title'>
19            <h2>Fetch Products From Node Server Using Context</h2>
20            <h3>
21              {pName} {pId}
22            </h3>
23            <div className='collection-overview'>
24              <div className='collection-preview'>
25                <h2 className='title'>Moments</h2>
26                <div className='preview'>
27                  {data1.map((item) => { ...
28                </div>
29              </div>
30              <div className='collection-preview'>
31                <h2 className='title'>Hats</h2>
32                <div className='preview'>
33                  {data2.map((item) => { ...
34                </div>
35              </div>
36            </div>
37          </div>
38        </Wrapper>
39      );
40    };
41    export default ProductsNodeServerContextPage_20;
42  }
```

```
$ git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2023-3-28"
1d3d4b2 208417120      Thu May 4 12:33:15 2023 +0800    w11
105e7cb 208417120      Wed Mar 29 21:38:03 2023 +0800    pdf and logs
9993548 208417120      Wed Mar 29 21:33:51 2023 +0800    W07-P3: place BlogsSupabasePage_xx data into DemoContext
8b77fdd 208417120      Wed Mar 29 20:39:33 2023 +0800    W07-P2: Convert mega menu (html, css) to React components
d4fd7ec 208417120      Wed Mar 29 19:37:44 2023 +0800    W07-P1: convert global blogs css to a styled component
```

```
User@E201-85 MINGW64 /d/1112 WP2 DEMO 20 (main)
$ git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2023-3-28"
99935d8 208417120    Wed Mar 29 21:33:51 2023 +0800    W07-P3: place BlogsSupabasePage_xx data into DemoContext_xx.js, and make it work
8b77fdd 208417120    Wed Mar 29 20:39:33 2023 +0800    W07-P2: Convert mega menu (html, css) to React components using styled component
d4fd7ec 208417120    Wed Mar 29 19:37:44 2023 +0800    W07-P1: convert global blogs css to a styled component
```