

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

Browser

Dashboard Properties SQL Statistics Dependencies Dependents Processes postgres/postgres@a-ion\*

Foreign Data Wrappers  
Languages  
Publications  
Schemas (10)  
auth  
extensions  
graphql  
graphql\_public  
pgbouncer  
pgsodium  
pgsodium\_masks  
public  
Aggregates  
Collations  
Domains  
FTS Configurations  
FTS Dictionaries  
FTS Parsers  
FTS Templates  
Foreign Tables  
Functions  
Materialized Views  
Operators  
Procedures  
Sequences  
Tables (4)  
card\_34  
cart\_34  
**menu\_34**  
middle\_product\_34  
Trigger Functions  
Types  
Views

postgres/postgres@a-ion

Query Query History

```
1 CREATE TABLE menu_34 (  
2   id int NOT NULL,  
3   title varchar(255),  
4   category varchar(255),  
5   price real,  
6   img varchar(255),  
7   descrip text,  
8   primary key (id)  
9 );  
10  
11 INSERT INTO menu_34 (id, title, category, price, img, descrip)  
12 VALUES  
13 (1,'buttermilk pancakes','breakfast',15.59,'/menu/images/item-1.jpeg','Lorem ipsum dolor sit amet consectetur adipisicing elit.  
14 (2,'diner double','dessert',13.99,'/menu/images/item-2.jpeg','Lorem ipsum dolor sit amet consectetur adipisicing elit.  
15 (3,'godzilla milkshake','shakes',6.99,'/menu/images/item-3.jpeg','Lorem ipsum dolor sit amet consectetur adipisicing elit.  
16 (4,'Country Delight','lunch',20.99,'/menu/images/item-4.jpeg','Lorem ipsum dolor sit amet consectetur adipisicing elit.  
17 (5,'Egg Attack','breakfast',2.99,'/menu/images/item-5.jpeg','Lorem ipsum dolor sit amet consectetur adipisicing elit.  
18 (6,'Oreo Dream','shakes',18.99,'/menu/images/item-6.jpeg','Lorem ipsum dolor sit amet consectetur adipisicing elit. Quo  
19 (7,'Bacon Overflow','breakfast',8.99,'/menu/images/item-7.jpeg','Lorem ipsum dolor sit amet consectetur adipisicing elit.  
20 (8,'American Classic','lunch',12.99,'/menu/images/item-8.jpeg','Lorem ipsum dolor sit amet consectetur adipisicing elit.  
21 (9,'Quarantine Buddy','lunch',13.99,'/menu/images/item-9.jpeg','Lorem ipsum dolor sit amet consectetur adipisicing elit.  
22
```

Data Output Messages Notifications

INSERT 0 9

Query returned successfully in 239 msec.

app.supabase.com/project/wkuwlgjzkovodskzcca/editor/27180

Table editor

tku\_210410634 tku\_210410634

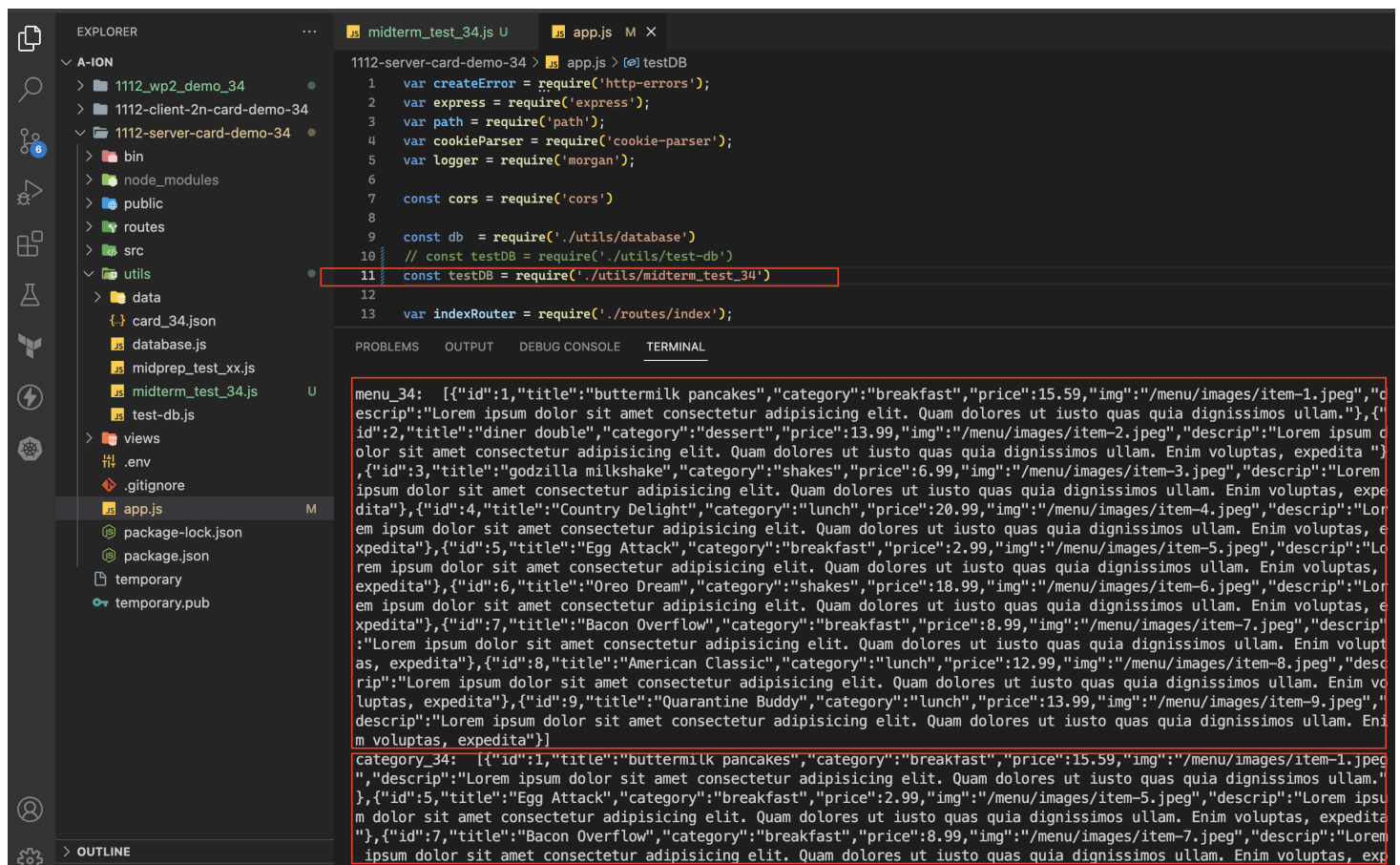
Refresh Filter Sort Insert

RLS is not enabled <> API Data Definition

WARNING: You are allowing anonymous access to your table. Enable Row Level Security

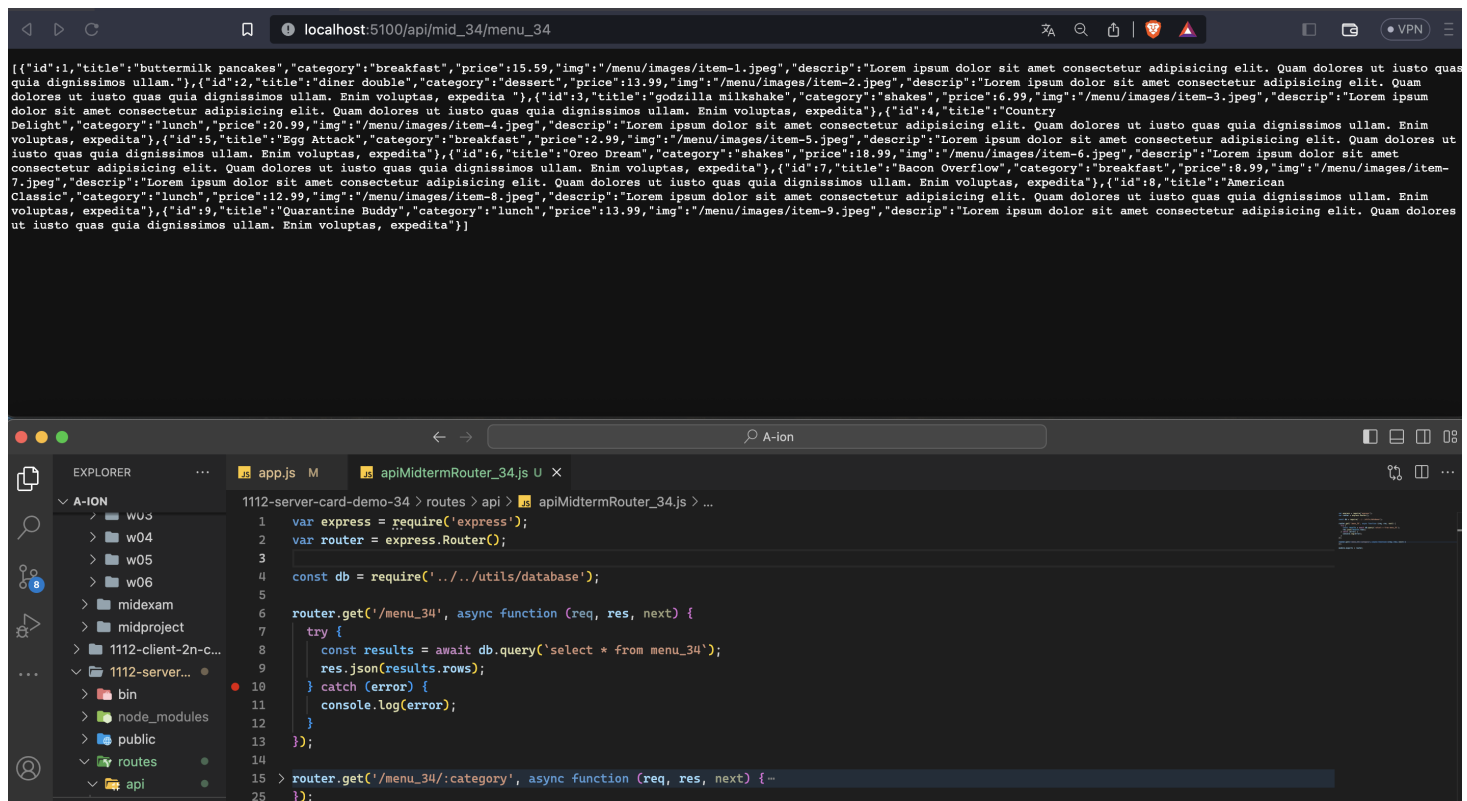
	id int4	title varchar	category varchar	price float4	img varchar	descrip text
	1	buttermilk pancakes	breakfast	15.59	/menu/images/item-1.jpeg	Lorem ipsu
	2	diner double	dessert	13.99	/menu/images/item-2.jpeg	Lorem ipsu
	3	godzilla milkshake	shakes	6.99	/menu/images/item-3.jpeg	Lorem ipsu
	4	Country Delight	lunch	20.99	/menu/images/item-4.jpeg	Lorem ipsu
	5	Egg Attack	breakfast	2.99	/menu/images/item-5.jpeg	Lorem ipsu
	6	Oreo Dream	shakes	18.99	/menu/images/item-6.jpeg	Lorem ipsu
	7	Bacon Overflow	breakfast	8.99	/menu/images/item-7.jpeg	Lorem ipsu
	8	American Classic	lunch	12.99	/menu/images/item-8.jpeg	Lorem ipsu
	9	Quarantine Buddy	lunch	13.99	/menu/images/item-9.jpeg	Lorem ipsu

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



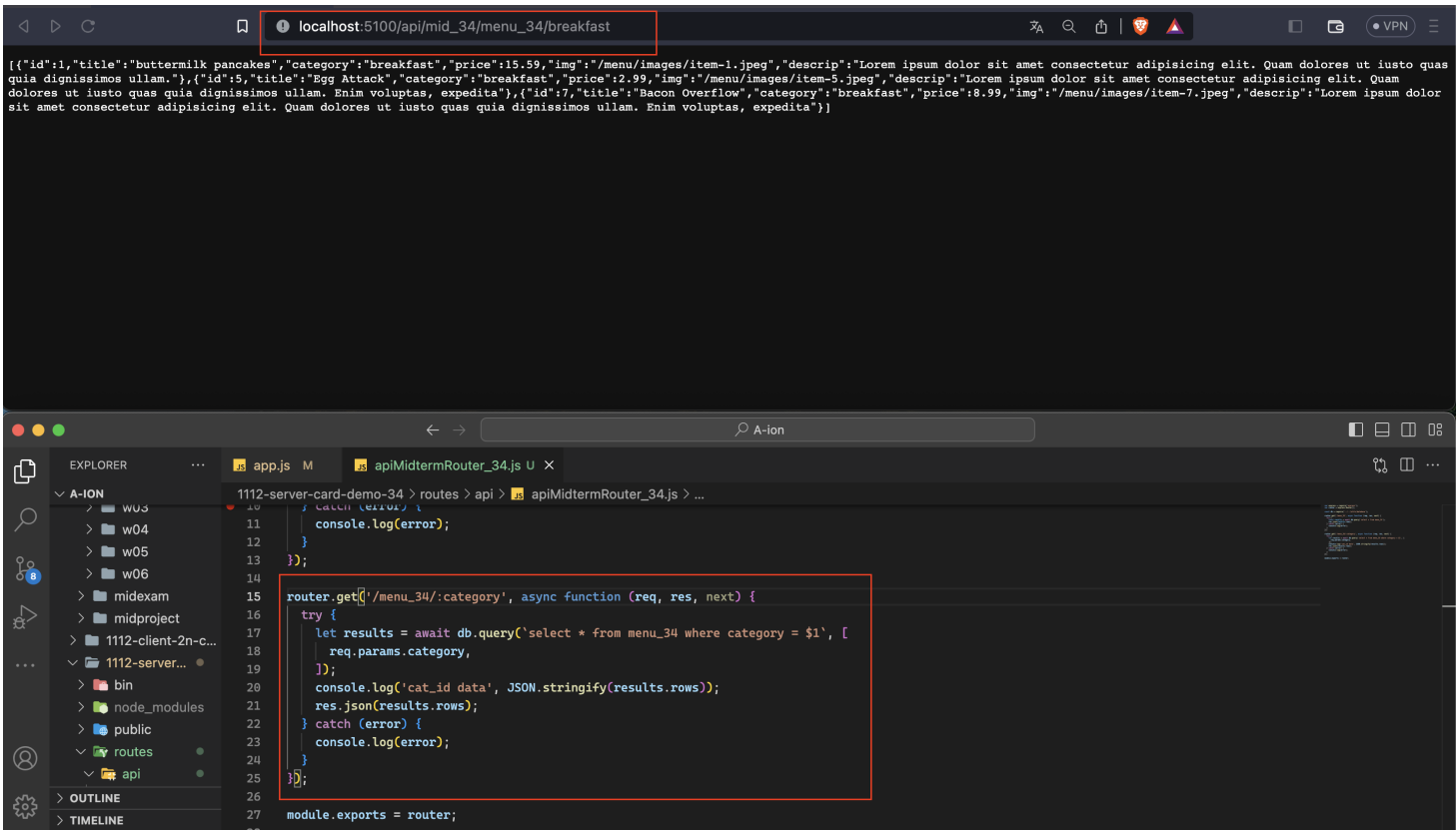
```
1112-server-card-demo-34 > app.js > testDB
1 var createError = require('http-errors');
2 var express = require('express');
3 var path = require('path');
4 var cookieParser = require('cookie-parser');
5 var logger = require('morgan');
6
7 const cors = require('cors')
8
9 const db = require('./utils/database')
10 // const testDB = require('./utils/test-db')
11 const testDB = require('./utils/midterm_test_34')
12
13 var indexRouter = require('./routes/index');
```

```
menu_34: [{"id":1,"title":"buttermilk pancakes","category":"breakfast","price":15.59,"img":"/menu/images/item-1.jpeg","description":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam."}, {"id":2,"title":"diner double","category":"dessert","price":13.99,"img":"/menu/images/item-2.jpeg","description":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita"}, {"id":3,"title":"godzilla milkshake","category":"shakes","price":6.99,"img":"/menu/images/item-3.jpeg","description":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita"}, {"id":4,"title":"Country Delight","category":"lunch","price":20.99,"img":"/menu/images/item-4.jpeg","description":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita"}, {"id":5,"title":"Egg Attack","category":"breakfast","price":2.99,"img":"/menu/images/item-5.jpeg","description":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita"}, {"id":6,"title":"Oreo Dream","category":"shakes","price":18.99,"img":"/menu/images/item-6.jpeg","description":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita"}, {"id":7,"title":"Bacon Overflow","category":"breakfast","price":8.99,"img":"/menu/images/item-7.jpeg","description":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita"}, {"id":8,"title":"American Classic","category":"lunch","price":12.99,"img":"/menu/images/item-8.jpeg","description":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita"}, {"id":9,"title":"Quarantine Buddy","category":"lunch","price":13.99,"img":"/menu/images/item-9.jpeg","description":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita"}]
```



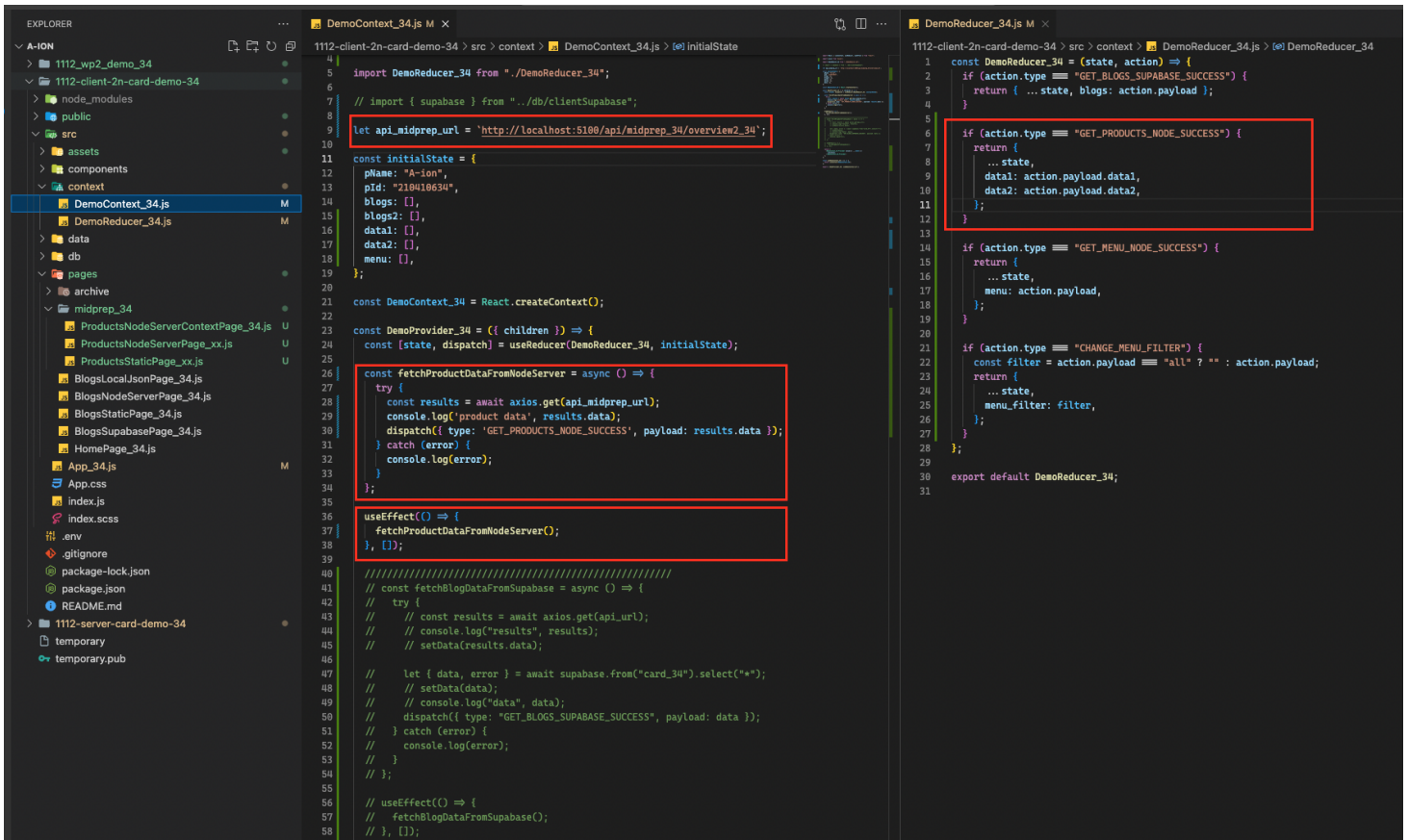
```
localhost:5100/api/mid_34/menu_34
[{"id":1,"title":"buttermilk pancakes","category":"breakfast","price":15.59,"img":"/menu/images/item-1.jpeg","description":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam."}, {"id":2,"title":"diner double","category":"dessert","price":13.99,"img":"/menu/images/item-2.jpeg","description":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita"}, {"id":3,"title":"godzilla milkshake","category":"shakes","price":6.99,"img":"/menu/images/item-3.jpeg","description":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita"}, {"id":4,"title":"Country Delight","category":"lunch","price":20.99,"img":"/menu/images/item-4.jpeg","description":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita"}, {"id":5,"title":"Egg Attack","category":"breakfast","price":2.99,"img":"/menu/images/item-5.jpeg","description":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita"}, {"id":6,"title":"Oreo Dream","category":"shakes","price":18.99,"img":"/menu/images/item-6.jpeg","description":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita"}, {"id":7,"title":"Bacon Overflow","category":"breakfast","price":8.99,"img":"/menu/images/item-7.jpeg","description":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita"}, {"id":8,"title":"American Classic","category":"lunch","price":12.99,"img":"/menu/images/item-8.jpeg","description":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita"}, {"id":9,"title":"Quarantine Buddy","category":"lunch","price":13.99,"img":"/menu/images/item-9.jpeg","description":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita"}]
```

```
1112-server-card-demo-34 > routes > api > apiMidtermRouter.js > ...
1 var express = require('express');
2 var router = express.Router();
3
4 const db = require('./utils/database');
5
6 router.get('/menu_34', async function (req, res, next) {
7   try {
8     const results = await db.query('select * from menu_34');
9     res.json(results.rows);
10  } catch (error) {
11    console.log(error);
12  }
13 });
14
15 > router.get('/menu_34/:category', async function (req, res, next) {
16   // ...
17 });
```



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

## for route /midp\_node\_context\_xx



```
EXPLORER
1112_client-2n-card-demo-34
node_modules
public
src
assets
components
context
DemoContext_34.js
DemoReducer_34.js
data
db
pages
archive
midprep_34
ProductsNodeServerContextPage_34.js
ProductsNodeServerPage_xx.js
ProductsStaticPage_xx.js
BlogsLocalJsonPage_34.js
BlogsNodeServerPage_34.js
BlogsStaticPage_34.js
BlogsSupabasePage_34.js
HomePage_34.js
App_34.js
App.css
index.js
index.scss
.env
.gitignore
package-lock.json
package.json
README.md
1112_server-card-demo-34
temporary
temporary.pub
```

```
DemoContext_34.js M X
1112-client-2n-card-demo-34 > src > context > DemoContext_34.js > [0] initialState
4
5 import DemoReducer_34 from "../DemoReducer_34";
6
7 // import { supabase } from "../db/clientSupabase";
8
9 let api_midprep_url = 'http://localhost:5100/api/midprep_34/overview2_34';
10
11 const initialState = {
12   pName: "A-Ion",
13   pId: "210410634",
14   blogs: [],
15   blogs2: [],
16   data1: [],
17   data2: [],
18   menu: [],
19 };
20
21 const DemoContext_34 = React.createContext();
22
23 const DemoProvider_34 = ({ children }) => {
24   const [state, dispatch] = useReducer(DemoReducer_34, initialState);
25
26   const fetchProductDataFromNodeServer = async () => {
27     try {
28       const results = await axios.get(api_midprep_url);
29       console.log('product data', results.data);
30       dispatch({ type: 'GET_PRODUCTS_NODE_SUCCESS', payload: results.data });
31     } catch (error) {
32       console.log(error);
33     }
34   };
35
36   useEffect(() => {
37     fetchProductDataFromNodeServer();
38   }, []);
39
40   //////////////////////////////////////
41   // const fetchBlogDataFromSupabase = async () => {
42   //   try {
43   //     const results = await axios.get(api_url);
44   //     console.log("results", results);
45   //     setData(results.data);
46   //
47   //     let { data, error } = await supabase.from("card_34").select("*");
48   //     setData(data);
49   //     console.log("data", data);
50   //     dispatch({ type: "GET_BLOGS_SUPABASE_SUCCESS", payload: data });
51   //   } catch (error) {
52   //     console.log(error);
53   //   }
54   // };
55
56   // useEffect(() => {
57   //   fetchBlogDataFromSupabase();
58   // }, []);
```

```
DemoReducer_34.js M X
1112-client-2n-card-demo-34 > src > context > DemoReducer_34.js > [0] DemoReducer_34
1
2 const DemoReducer_34 = (state, action) => {
3   if (action.type === "GET_BLOGS_SUPABASE_SUCCESS") {
4     return { ...state, blogs: action.payload };
5   }
6
7   if (action.type === "GET_PRODUCTS_NODE_SUCCESS") {
8     return {
9       ...state,
10      data1: action.payload.data1,
11      data2: action.payload.data2,
12    };
13  }
14
15  if (action.type === "GET_MENU_NODE_SUCCESS") {
16    return {
17      ...state,
18      menu: action.payload,
19    };
20  }
21
22  if (action.type === "CHANGE_MENU_FILTER") {
23    const filter = action.payload === "all" ? "" : action.payload;
24    return {
25      ...state,
26      menu_filter: filter,
27    };
28  };
29
30 export default DemoReducer_34;
31
```

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

```
1112-client-2n-card-demo-34 > src > context > DemoContext_34.js > DemoContext_34
4
5 import DemoReducer_34 from "../DemoReducer_34";
6
7 // import { supabase } from "../../db/clientSupabase";
8
9 let api_midprep_url = 'http://localhost:5106/api/midprep_34/overview2_34';
10
11 const initialState = {
12   pName: "A-ion",
13   pId: "210u10634",
14   blogs: [],
15   blogs2: [],
16   data1: [],
17   data2: [],
18   menu: [],
19 };
20
21 const DemoContext_34 = React.createContext();
22
23 > const DemoProvider_34 = ({ children }) => {
24   ;
25 };
26
27 const useDemoContext_34 = () => {
28   return useContext(DemoContext_34);
29 };
30
31 export { DemoProvider_34, useDemoContext_34 };
32
```

```
1112-client-2n-card-demo-34 > src > pages > midprep_34 > ProductsNodeServerContextPage_34.js
1 import { useState, useEffect } from "react";
2
3 import Wrapper from "../../assets/wrapper/midprep_34/Products_sc34";
4
5 import { useDemoContext_34 } from "../../context/DemoContext_34";
6
7 const ProductsNodeServerContextPage_34 = () => {
8   const { pName, pId, data1, data2, blogs } = useDemoContext_34();
9
10   return (
11     <Wrapper>
12       <div className="shop-page">
13         <div className="section-title">
14           <h2>Fetch Products From Node Server Using Context</h2>
15         </div>
16         <div>
17           <h3>
18             {pName} {pId}
19           </h3>
20         </div>
21         <div className="collection-overview">
22           <div className="collection-preview">
23             <h2 className="title">Womens</h2>
24             <div className="preview">
25               {data1.map((item) => {
26                 ;
27               })}
28             </div>
29           </div>
30           <div className="collection-preview">
31             <h2 className="title">Hats</h2>
32             <div className="preview">
33               {data2.map((item) => {
34                 ;
35               })}
36             </div>
37           </div>
38         </div>
39       </div>
40     </Wrapper>
41   );
42 };
43
44 export default ProductsNodeServerContextPage_34;
45
```

## show how to get data1, data2 from context in ProductsNodeServerContextPage\_xx

