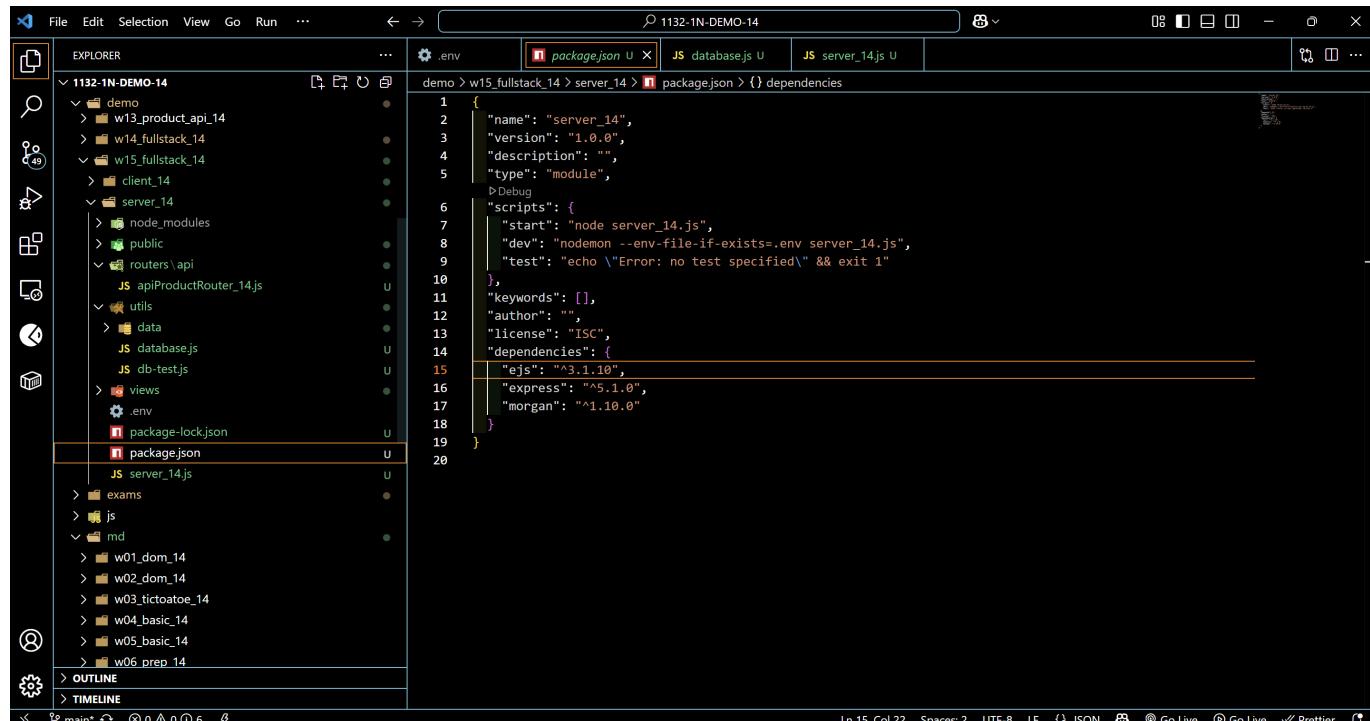


Your Github URL

Your Vercel URL

W15-P1: Set up and test connection to Supabase

=> add support for .env in package.json

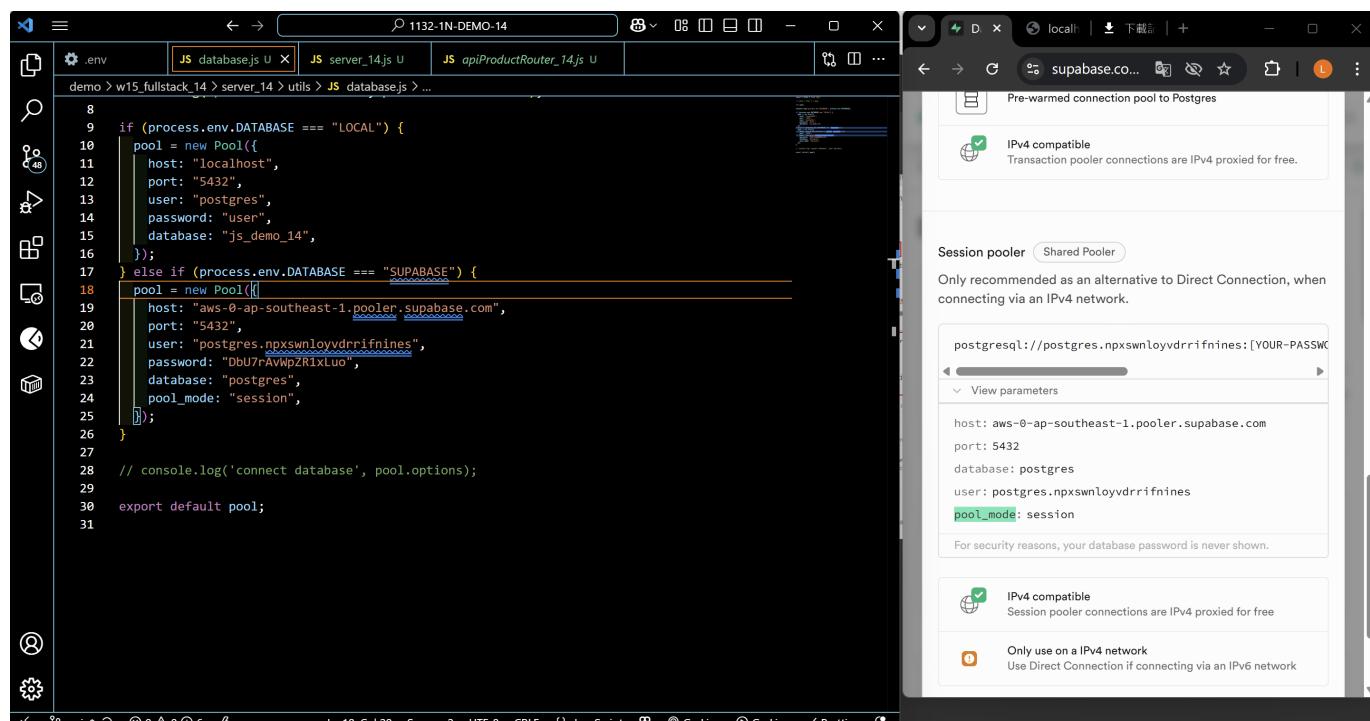


```

File Edit Selection View Go Run ... ⏪ ⏩ 🔍 1132-IN-DEMO-14
EXPLORER 132-IN-DEMO-14
demo w15_product_api_14
w14_fullstack_14
w15_fullstack_14
client_14
server_14
node_modules
public
routers\api
apiProductRouter_14.js
utils
data
database.js
db-test.js
views
.env
package-lock.json
package.json
server_14.js
exams
js
md
w01_dom_14
w02_dom_14
w03_tictactoe_14
w04_basic_14
w05_basic_14
w06_prep_14
OUTLINE
TIMELINE
Ln 15, Col 22 Spaces:2 UTF-8 LF JSON Go Live Go Live Prettier
1 {
  "name": "server_14",
  "version": "1.0.0",
  "description": "",
  "type": "module",
  "scripts": {
    "start": "node server_14.js",
    "dev": "nodemon --env-file-if-exists=.env server_14.js",
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  "keywords": [],
  "author": "",
  "license": "ISC",
  "dependencies": {
    "ejs": "^3.1.10",
    "express": "^5.1.0",
    "morgan": "^1.10.0"
  }
}

```

=> Connection setting to Supabase



```

File Edit Selection View Go Run ... 🔍 1132-IN-DEMO-14
.env database.js U server_14.js U apiProductRouter_14.js U
demo > w15_fullstack_14 > server_14 > utils > database.js ...
8
9 if (process.env.DATABASE === "LOCAL") {
10   pool = new Pool({
11     host: "localhost",
12     port: "5432",
13     user: "postgres",
14     password: "user",
15     database: "js_demo_14",
16   });
17 } else if (process.env.DATABASE === "SUPABASE") {
18   pool = new Pool({
19     host: "aws-0-ap-southeast-1.pooler.supabase.com",
20     port: "5432",
21     user: "postgres.npxswnloyvdrrifnines",
22     password: "DbU7rAVmpZRixLuo",
23     database: "postgres",
24     pool_mode: "session",
25   });
26 }
27
28 // console.log('connect database', pool.options);
29
30 export default pool;
31

```

Pre-warmed connection pool to Postgres

IPv4 compatible
Transaction pooler connections are IPv4 proxied for free.

Session pooler (Shared Pooler)
Only recommended as an alternative to Direct Connection, when connecting via an IPv4 network.

postgresql://postgres.npxswnloyvdrrifnines:[YOUR-PASS]

View parameters

host: aws-0-ap-southeast-1.pooler.supabase.com
port: 5432
database: postgres
user: postgres.npxswnloyvdrrifnines
pool_mode: session

For security reasons, your database password is never shown.

IPv4 compatible
Session pooler connections are IPv4 proxied for free

Only use on a IPv4 network
Use Direct Connection if connecting via an IPv6 network

=> For route /api/product_14, get json from Supabase

The screenshot shows a developer's environment with multiple tabs open. On the left, a code editor displays a JavaScript file named `database.js` containing code for connecting to a database based on environment variables. The code uses the `pg` pool library to handle connections to either a local PostgreSQL instance or a Supabase database. On the right, a browser window is open at `localhost:3000/api/product_14`, showing a JSON response with three product items: "Emperor Bed", "Accent Chair", and "High-Back Bench". Each item has a unique ID, title, price, category, and a URL for its image.

```
8
9 if (process.env.DATABASE === "LOCAL") {
10   pool = new Pool({
11     host: "localhost",
12     port: "5432",
13     user: "postgres",
14     password: "user",
15     database: "js_demo_14",
16   });
17 } else if (process.env.DATABASE === "SUPABASE") {
18   pool = new Pool({
19     host: "aws-0-ap-southeast-1.pooler.supabase.com",
20     port: "5432",
21     user: "postgres.npxswnloyvdrifnines",
22     password: "DBU7rAVwpZR1xLuo",
23     database: "postgres",
24     pool_mode: "session",
25   });
26 }
27 // console.log('connect database', pool.options);
28
29 export default pool;
30
```

```
[{"id": 1, "title": "Emperor Bed", "price": 21.99, "category": "Liddy", "img": "./images/product-1.jpg", "remote_img": "https://npxswnloyvdrifnines.supabase.co/storage/v1/object/in-14/product_14/product-1.jpg"}, {"id": 2, "title": "Accent Chair", "price": 25.99, "category": "Caressa", "img": "./images/product-2.jpg", "remote_img": "https://npxswnloyvdrifnines.supabase.co/storage/v1/object/in-14/product_14/product-2.jpg"}, {"id": 3, "title": "High-Back Bench", "price": 9.99, "category": "Ikea", "img": "./images/product-3.jpg"}]
```

d8a4b55%09zero2005x%09Thu May 29 19:22:08 2025 +0800 W15-P1: Set up and test connection to Supabase

W15-P2: Get /api/product_14 json and show it in the client side

=>

1132-1N-DEMO-14

EXPLORER

- 1132-1N-DEMO-14
 - demo
 - w10_mid1_m3...
 - w10_product_superb...
 - w11_asynch_js_14
 - w12_ajax_async_14
 - w13_fetch_async_14
 - w13_product_api_14
 - w14_fullstack_14
 - client_product_14
 - api
 - css
 - images
 - js
 - clientSupabase_14
 - product_api_14.js
 - product_14..._u
 - products_a..._u
 - products_d..._u
 - products_lo..._u
 - products_s..._u
 - product_api_14.js
 - product_api_14.html
 - product_locat..._u
 - product_sup..._u
- server_14
 - node_modules

OUTLINE

TIMELINE

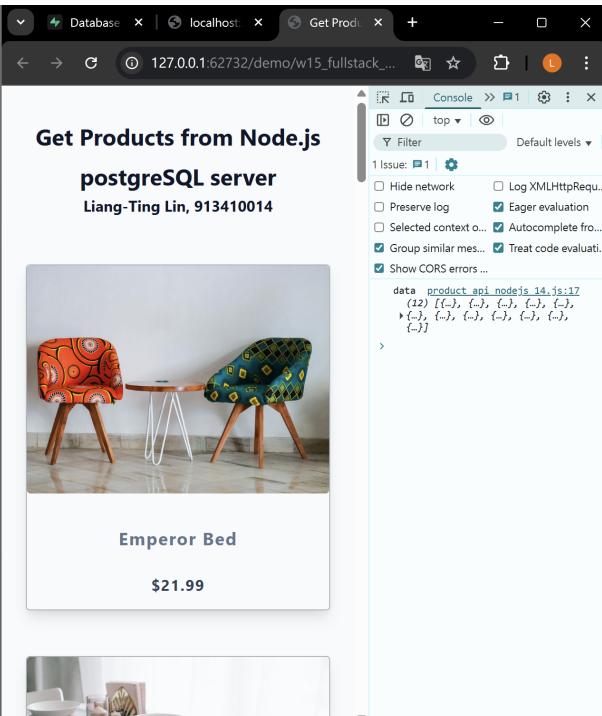
JS product_api_nodejs_14.js U x product_api_nodejs_14.html U

```
25 const displayProducts = (products) => {
26   if (products.length === 0) {
27     productContainer.innerHTML = "<p>No products to display</p>";
28     return;
29   }
30   let productsContent = products
31   .map((product) => {
32     const { title, price, img } = product;
33     return `<div class="single-product">
34   <img
35     src=${img}
36     class="single-product-img img"
37     alt=${title}
38   />
39   <footer>
40     <h3 class="name">${title}</h3>
41     <span class="price">${price}</span>
42   </footer>
43 </div>
44   `;
45 });
46
47
48
49
50
51
52
53 }
```

productContainer.innerHTML = productsContent;

PROBLEMS 3 OUTPUT TERMINAL node - server_14

```
GET /api/product_14 304 95.372 ms - -
GET /Favicon.ico 304 7.824 ms - -
GET /api/product_14 304 101.752 ms - -
GET /api/product_14 304 625.885 ms - -
GET /api/product_14 - - ms - -
GET /api/product_14 200 594.929 ms - 2662
GET /api/product_14 304 690.957 ms - -
GET /api/product_14 304 523.612 ms - -
```



29dc65d%09zero2005x%09Thu May 29 19:44:35 2025 +0800 W15-P2: Get /api/product_xx json and show it in the client side

W15-P3: Show static page of blog theme

The screenshot shows the VS Code interface with the code editor and browser side-by-side. The code editor displays the `ProductRouter_14.js` and `static_14.ejs` files. The browser window shows a static blog page titled "Get Blog - Static" with two blog posts: "Seven Reasons Why Coffee Is Awesome" and "Seven Reasons Why Coffee Is Awesome".

d3b42d5%09zero2005x%09Thu May 29 21:16:19 2025 +0800

W15-P3: Show static page of blog theme

W15-P4: Implement route /product_xx to get json data from PostgreSQL server and display them in ejs file

=> related code

The screenshot shows the VS Code interface with the code editor and browser side-by-side. The code editor displays the `index.ejs` and `ProductRouter_14.js` files. The browser window shows a static blog page titled "Get Blog - Static" with two blog posts: "Seven Reasons Why Coffee Is Awesome" and "Seven Reasons Why Coffee Is Awesome".

=> Chrome

localhost:3000/product_14

Get Products From PostgreSQL Server

Liang-Ting Lin, 913410014



Emperor Bed
\$21.99



Accent Chair
\$25.99



High-Back Bench
\$9.99



Entertainment Center

0ec386e%09zero2005x%09Thu May 29 21:18:50 2025 +0800 W15-P4: Implement route /product_xx to get json data from PostgreSQL server and display them in ejs file

W15-log: git logs for W15

github.com/zero2005x/1132-1N-DEMO-LTLIN-14/commits/main/

zero2005x / 1132-1N-DEMO-LTLIN-14

Type / to search

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

Commits

main ▾ All users ▾ All time ▾

Commits on May 29, 2025

- W15-P4: Implement route /product_xx to get json data from PostgreSQL server and display them in ejs file
zero2005x committed now · ✓ 1 / 1 0ec386e
- W15-P3: Show static page of blog theme
zero2005x committed 3 minutes ago · ✓ 1 / 1 d3b42d5
- W15-P2: Get /api/product_xx json and show it in the client side
zero2005x committed 1 hour ago · ✓ 1 / 1 29dc65d
- W15-P1: Set up and test connection to Supabase
zero2005x committed 2 hours ago · ✓ 1 / 1 d8a4b55

Commits on May 22, 2025

- W14-P4: implement route /api/product_xx to return json data
zero2005x committed last week · ✓ 1 / 1 1133d36
- W14-P3: Create database is demo_xx, table product_xx, and insert 12 data. write test code to get all products