

My Github repo URL

W04-P1: Connect Supabase, create card_xx table with 9 data

The screenshot shows the development environment for W04-P1. On the left, the VS Code editor displays the `database.js` file in the `utils` directory. The code defines a PostgreSQL connection pool using `pg` and `pg-pool`. It checks for the `SUPABASE` environment variable and connects to the `wp2_demo_20` database on port 5433. The terminal output confirms the connection to the Supabase PostgreSQL database. On the right, a web browser at `localhost:5000/card2_20` displays the fetched data. The page title is "Card2 Fetch From DB吳昱靈 208417120". It shows three cards: "Seven Reasons Why Coffee Is Awesome" (Lifestyle), "Travel To Paris" (Travel), and "Coffee Brings Friendship" (Lifestyle). Each card includes a title, description, category, image, and a "Read More" link.

```
const { Pool } = require('pg');

let pool;

if (process.env.DATABASE === 'SUPABASE') {
  pool = new Pool({
    user: 'postgres',
    host: process.env.SUPABASE_HOST,
    port: '5432',
    database: 'postgres',
    password: process.env.SUPABASE_PASSWORD,
  });
} else {
  pool = new Pool({
    user: 'postgres',
    host: 'localhost',
    port: '5433',
    database: 'wp2_demo_20',
    password: '0000',
  });
}

console.log(
  `Connect SUPABASE PostgreSQL database ${pool.options.database} on port ${pool.options.port}`
);

console.log(
  `Connect local PostgreSQL database ${pool.options.database} on port ${pool.options.port}`
);
```

Connect local PostgreSQL database wp2_demo_20 on port 5433
Web server running on port 5000
[nodeemon] restarting due to changes...

Connect SUPABASE PostgreSQL database postgres on port postgres
Web server running on port 5000

Card2 Fetch From DB吳昱靈 208417120

LIFESTYLE
Seven Reasons Why Coffee Is Awesome
Lorem ipsum dolor sit amet consectetur adipisicing elit.
[Read More](#)

TRAVEL
Travel To Paris
Lorem ipsum dolor sit amet consectetur adipisicing elit.
[Read More](#)

LIFESTYLE
Coffee Brings Friendship
Lorem ipsum dolor sit amet consectetur adipisicing elit.
[Read More](#)

W04-P2: implement /api/card2_xx route

The screenshot shows the development environment for W04-P2. On the left, the VS Code editor displays the `apiCard2router_20.js` file in the `routes` directory. The code sets up an Express router and defines a GET route for `/api/card2_20`. It uses the `db` connection to fetch data from the `card2_20` table and returns it as JSON. The terminal output shows the server running on port 5000 and the GET request being processed. On the right, a web browser at `localhost:5000/api/card2_20` displays the JSON response. The response is an array of three objects, each representing a card with fields: `id`, `title`, `descrip`, `category`, `img`, and `remote_img`.

```
var express = require('express');
var router = express.Router();

const db = require('../utils/database');

/* GET home page. */
router.get('/', async function (req, res, next) {
  try {
    const results = await db.query('select * from card2_20');
    res.json(results.rows);
  } catch (error) {
    console.log(error);
  }
});

module.exports = router;
```

[nodeemon] to restart at any time, enter "rs"
[nodeemon] watching path(s): *.js,*.mjs,*.json
[nodeemon] starting node ./bin/www
Connect SUPABASE PostgreSQL database postgres on port postgres
Web server running on port 5000
GET /api/card2_20 200 1040.188 ms - 2458

```
// 20230308201620
// http://localhost:5000/api/card2_20

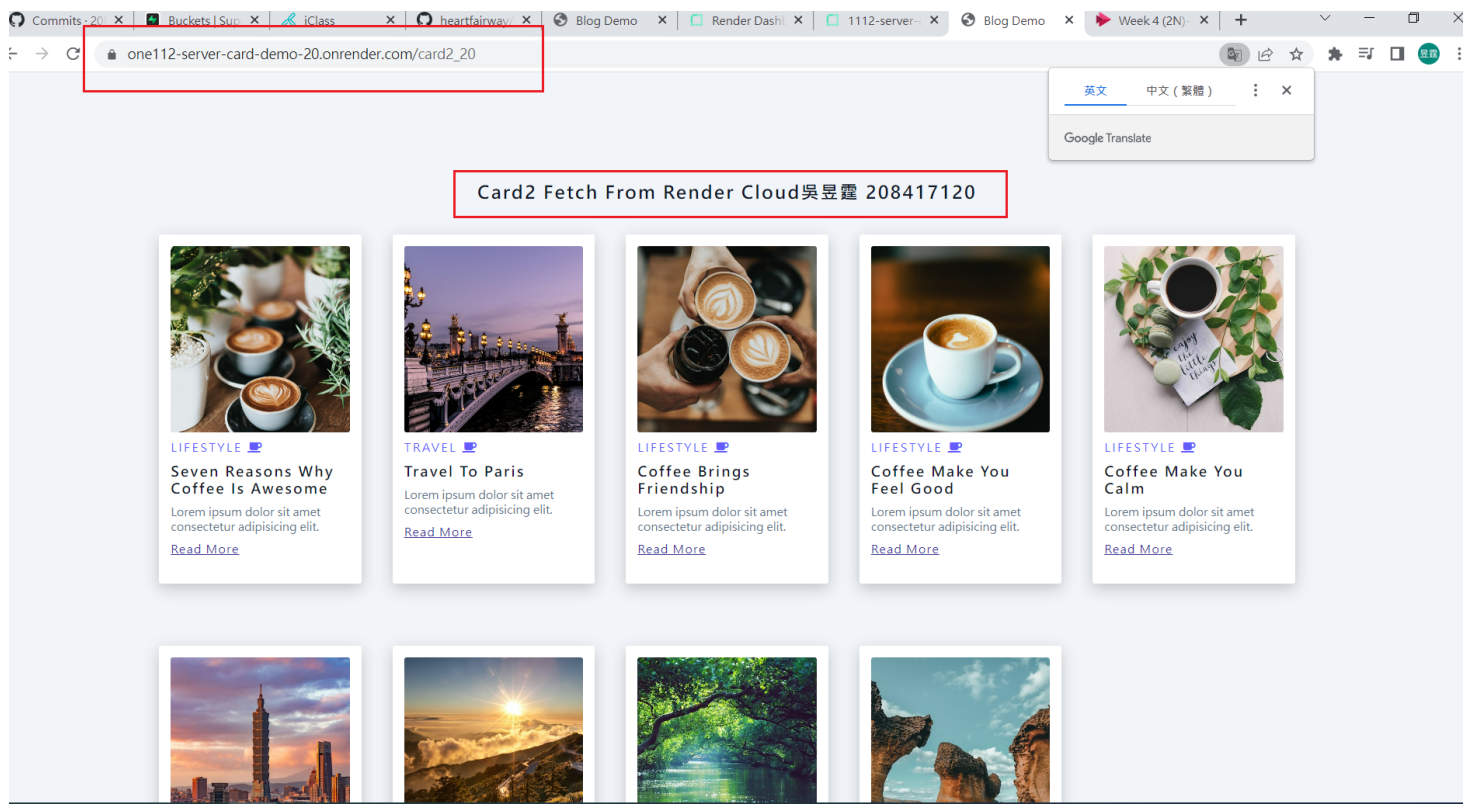
[
  {
    "id": 1,
    "title": "Seven Reasons Why Coffee Is Awesome",
    "descrip": "Lorem ipsum dolor sit amet consectetur adipisicing elit.",
    "category": "lifestyle",
    "img": "./images/photo-1.jpg",
    "remote_img": "https://hahvwqxedm1ldgfyvjio.supabase.co/storage/v1/object/public/demo-20/card-20/photo-1.jpg"
  },
  {
    "id": 2,
    "title": "Travel To Paris",
    "descrip": "Lorem ipsum dolor sit amet consectetur adipisicing elit.",
    "category": "travel",
    "img": "./images/photo-2.jpg",
    "remote_img": "https://hahvwqxedm1ldgfyvjio.supabase.co/storage/v1/object/public/demo-20/card-20/photo-2.jpg"
  },
  {
    "id": 3,
    "title": "Coffee Brings Friendship",
    "descrip": "Lorem ipsum dolor sit amet consectetur adipisicing elit."
  }
]
```

W04-P3: Fetch Github repo into Render, and display it

```
Commits · 20 | Buckets | Sup | iClass | heartfairway | Blog Demo | Render Dash | 1112-server- | https://one112-server-card-demo-20.onrender.com/api/card2_20

// 20230308214633
// https://one112-server-card-demo-20.onrender.com/api/card2_20

[
  {
    "id": 1,
    "title": "Seven Reasons Why Coffee Is Awesome",
    "descrip": "Lorem ipsum dolor sit amet consectetur adipisicing elit.",
    "category": "lifestyle",
    "img": "./images/photo-1.jpg",
    "remote_img": "https://hahvwqxedm1ldgfvyjio.supabase.co/storage/v1/object/public/demo-20/card-20/photo-1.jpg"
  },
  {
    "id": 2,
    "title": "Travel To Paris",
    "descrip": "Lorem ipsum dolor sit amet consectetur adipisicing elit.",
    "category": "travel",
    "img": "./images/photo-2.jpg",
    "remote_img": "https://hahvwqxedm1ldgfvyjio.supabase.co/storage/v1/object/public/demo-20/card-20/photo-2.jpg"
  },
  {
    "id": 3,
    "title": "Coffee Brings Friendship",
    "descrip": "Lorem ipsum dolor sit amet consectetur adipisicing elit.",
    "category": "lifestyle",
    "img": "./images/photo-3.jpg",
    "remote_img": "https://hahvwqxedm1ldgfvyjio.supabase.co/storage/v1/object/public/demo-20/card-20/photo-3.jpg"
  },
  {
    "id": 4,
    "title": "Coffee Make You Feel Good",
    "category": "lifestyle",
    "img": "./images/photo-4.jpg",
    "remote_img": "https://hahvwqxedm1ldgfvyjio.supabase.co/storage/v1/object/public/demo-20/card-20/photo-4.jpg"
  }
]
```



render

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WEB SERVICE

1112-server-card-demo-20

Node

Free

208417120/1112-server-card-demo-20

main

Connect

Manual Deploy

<https://one112-server-card-demo-20.onrender.com>

Events

Logs

Disks

Environment

Shell

PRs

Jobs

Metrics

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Settings

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March 8, 2023 at 10:41 PM

9c79b19 Card2 Fetch from Render Cloud

Live

Search logs

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```
Mar 8 10:43:03 PM => Deploying...
Mar 8 10:43:19 PM => Starting service with 'yarn start'
Mar 8 10:43:23 PM yarn run v1.22.5
Mar 8 10:43:23 PM $ node ./bin/www
Mar 8 10:43:25 PM Connect SUPABASE PostgreSQL database postgres on port postgres
Mar 8 10:43:25 PM Web server running on port 10000
Mar 8 10:43:27 PM GET / 200 11.903 ms - 5000
Mar 8 10:43:35 PM => Starting service with 'yarn start'
Mar 8 10:43:39 PM yarn run v1.22.5
Mar 8 10:43:39 PM $ node ./bin/www
Mar 8 10:43:41 PM Connect SUPABASE PostgreSQL database postgres on port postgres
Mar 8 10:43:41 PM Web server running on port 10000
```

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