

W05-P1: Use .env to connect Supabase, and show blogs via route /api/blog_xx

The screenshot shows the Visual Studio Code interface with the following details:

- Explorer:** Shows the project structure with files like database-supabase.js, server.js, and package.json.
- Code Editor:** Displays the contents of `database-supabase.js` and `package.json`.
- Terminal:** Shows the command line output of running the application with `npm start`, indicating the server is running at `http://localhost:3000`.

```
database-supabase.js
import pg from 'pg';
const { Pool } = pg;

const pool = new Pool({
  host: process.env.SUPABASE_HOST,
  port: process.env.SUPABASE_PORT,
  user: process.env.SUPABASE_USER,
  password: process.env.SUPABASE_PWD,
  database: process.env.SUPABASE_DB
});

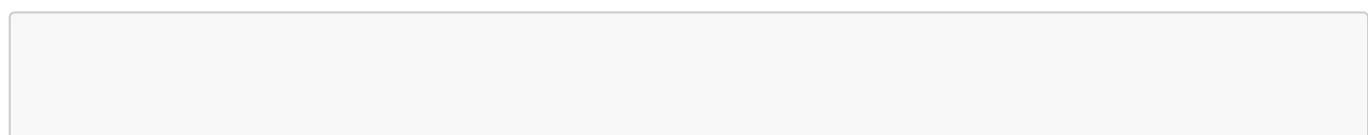
console.log('connecting Supabase database', pool.options.database);

// const testDB = async () => {
//   try {
//     const results = await pool.query('select * from blog_xx');
//     console.log('json data', results.rows);
//   } catch (error) {
//     console.log(error);
//   }
// }

// testDB();

export default pool;
```

```
package.json
{
  "name": "w03_server_blog_49",
  "version": "1.0.0",
  "main": "index.js",
  "type": "module",
  "scripts": {
    "start": "node --env-file=.env server.js",
    "dev": "nodemon --env-file=.env server.js",
    "test": "echo \\"Error: no test specified\\\" && exit 1"
  },
  "keywords": []
}
```



The screenshot shows the Visual Studio Code interface with the following details:

- Explorer:** Shows the project structure with files like database-supabase.js, dbService.js, and server.js.
- Code Editor:** Displays the contents of `server.js` and `package.json`.
- Terminal:** Shows the command line output of running the application with `npm start`, indicating the server is running at `http://localhost:3000`. It also shows the JSON response for the `/api/blog_23` endpoint.

```
server.js
import apiblogRo from './routers/apiblogRouter.js';
import pool from './utils/database-supabase.js';

app.use(express.json());
app.use(express.urlencoded({ extended: true }));
app.use(express.static('public'));
app.set('view engine', 'ejs');
app.use('/blog_23', async (req, res) => {
  try {
    const results = await db.query('select * from blog_post_23');
    res.render('blog_xx', { blogs: results.rows, myInfo: 'kkk', 9 });
  } catch (error) {
    console.log(error);
  }
});

app.get('/api/supa/blog_23', async (req, res) => {
  try {
    const results = await pool.query('select * from blog_post_23');
    res.json(results.rows)
  } catch (error) {
    console.log(error);
  }
});

app.use('/api/blog_23', apiblogRo);

app.use((req, res, next) => {
  next();
});
```

```
package.json
{
  "name": "w03_server_blog_49",
  "version": "1.0.0",
  "main": "index.js",
  "type": "module",
  "scripts": {
    "start": "node --env-file=.env server.js",
    "dev": "nodemon --env-file=.env server.js",
    "test": "echo \\"Error: no test specified\\\" && exit 1"
  },
  "keywords": []
}
```

```
localhost:3000/api/supa/blog_23
[{"id":1,"title":"seven reasons why coffee is awesome","desp":"orem ipsum dolor, sit amet consectetur adipisicing elit...","catalog":"lifestyle","img":"/images/photo-1.jpg","remote_img":"remote_img1"}, {"id":2,"title":"travel to paris","desp":"orem ipsum dolor, sit amet consectetur adipisicing elit...","catalog":"travel","img":"/images/photo-1.jpg","remote_img":"remote_img1"}]
```

W05-P2: Use blog theme to create blog_xx.ejs and show your info from pinfo variable

Screenshot of a developer environment showing code and browser output for a Node.js application.

Code Editor:

- File structure: 1131-WP1-DEMO-23 / w05_server_blog_23 / server.js
- server.js (lines 7-19):


```
app.use(express.json())
app.use(express.urlencoded({ extended: true }))
app.use(express.static('public'))
app.set('view engine', 'ejs')

try {
  const results = await db.query(`select * from blog_xx where id=23`)
  res.render('blog_xx', { blogs: results.rows, myInfo: 'kkk,912410023' })
} catch (error) {
  console.log(error)
}
```
- package.json (line 16): `node - w05_server_blog_23`
- blog_xx.ejs (lines 2-16):


```
<html lang="en">
<head>
</head>
<body>
<section class="blogs">
<div class="section-title">
<h2>latest blogs using breakpoints kkk,912410023</h2>
</div>
<div class="blogs-center">
<% for(let i=0;i<blogs.length;i++)%>
<article class="blog">
<img
src=<% blogs[i].img %>
alt="Coffee photo"
class="img blog-img"
/>
<div class="blog-content">
<span><% blogs[i].category %>
<% if(blogs[i].category==='lifestyle')%>
<i class="fa-solid fa-mug-saucer"></i>
<% }%>
<% if(blogs[i].category==='travel')%>
<i class="fa-solid fa-globe"></i>
<% }%>
</span>
<h3><% blogs[i].title %></h3>
<p><% blogs[i].descrip %></p>
<a href="#">read more</a>
</div>
</article>
<% } %>
<!-- <article class="blog">

```

Browser Output:

- URL: `localhost:3000/blog_23`
- Title: `latest blogs using breakpoints kkk,912410023`
- Content:
 - Lifestyle:** Seven Reasons Why Coffee Is Awesome
 - Travel:** Travel To Paris

Screenshot of a developer environment showing code and browser output for a Node.js application.

Code Editor:

- File structure: 1131-WP1-DEMO-23 / w05_server_blog_23 / server.js
- server.js (lines 1-11):


```
import express from 'express'
const app = express()

import db from './utils/dbService.js'
import apiblogRo from './routers/apiblogRouter.js'
import pool from './utils/database-supabase.js'

app.use(express.json())
app.use(express.urlencoded({ extended: true }))
app.use(express.static('public'))
app.set('view engine', 'ejs')
```
- blog_xx.ejs (lines 2-50):


```
<html lang="en">
<body>
<section class="blogs">
<div class="blogs-center">
<% for(let i=0;i<blogs.length;i++)%>
<article class="blog">
<img
src=<% blogs[i].img %>
alt="Coffee photo"
class="img blog-img"
/>
<div class="blog-content">
<span><% blogs[i].catalog %>
<% if(blogs[i].catalog==='lifestyle')%>
<i class="fa-solid fa-mug-saucer"></i>
<% }%>
<% if(blogs[i].catalog==='travel')%>
<i class="fa-solid fa-globe"></i>
<% }%>
</span>
<h3><% blogs[i].title %></h3>
<p><% blogs[i].descrip %></p>
<a href="#">read more</a>
</div>
</article>
<% } %>
<!-- <article class="blog">

```

Browser Output:

- URL: `localhost:3000/blog_23`
- Title: `Blog Demo kkk,912410023`
- Content:
 - Lifestyle:** Seven Reasons Why Coffee Is Awesome
 - Travel:** Travel To Paris, Travel To Tapei

Video: W05-P3: Add js code into blog_xx.ejs and show blogs obtained from Supabase blog_xx table

The screenshot shows a developer's workspace with multiple tabs open in a browser and code editors.

- Code Editors:**
 - `server.js`: Contains basic Express setup and database connection logic.
 - `blog_xx.ejs`: An EJS template file for displaying blog posts. It includes logic to check if a post has a catalog and applies different styles based on the value ('lifestyle' or 'travel').
- Browser Preview:** A screenshot of a web browser showing a blog post titled "latest blogs using breakpoints kkk,912410023". The post features a coffee image and a list of reasons why coffee is awesome. A red box highlights the "catalog" class in the CSS panel, which is being used to style the post based on its category.
- Tools:** Various developer tools like Elements, Console, Sources, and Prettier are visible in the interface.

W05-P3: Add js code into blog_xx.ejs and show blogs obtained from Supabase blog_xx table

The screenshot shows a browser window with developer tools open. The left panel displays the file structure and code for a blog application. The main panel shows a blog post titled "latest blogs using breakpoints" with a subtitle "kkk,912410023". The right panel shows the corresponding HTML and CSS code. Two specific CSS rules are highlighted with red boxes: one for the "lifestyle" icon class and another for the "travel" icon class.

```

    .fa-solid.fa-mug-saucer {
        font-size: 2em;
        color: #ccc;
    }
    .fa-solid.fa-globe {
        font-size: 2em;
        color: #ccc;
    }

```

: W05-P4: Refactor P3 code using router concept in MVC architecture

The screenshot shows a browser window with developer tools open. The left panel displays the file structure and code for a blog application. The main panel shows a blog post titled "seven reasons why coffee is awesome" with a subtitle "kkk,912410023". The right panel shows the corresponding HTML and CSS code. Two specific CSS rules are highlighted with red boxes: one for the "lifestyle" icon class and another for the "travel" icon class.

```

    .fa-solid.fa-mug-saucer {
        font-size: 2em;
        color: #ccc;
    }
    .fa-solid.fa-globe {
        font-size: 2em;
        color: #ccc;
    }

```

