

# 實作過程

由於提前做完就沒有先截圖片段，以下用程式碼呈現

## 1

### database.js

```
const { Pool } = require('pg');
let pool;
const isProduction = process.env.NODE_ENV === 'production';

if (isProduction) {
  pool = new Pool({
    connectionString: process.env.DATABASE_URL,
    ssl: { rejectUnauthorized: false },
  });
} else {
  pool = new Pool({
    user: 'postgres',
    host: 'localhost',
    database: 'd7qtraoo3tsfjb',
    password: '0000',
    port: '5432',
  });
}

module.exports = pool;
```

## 2.

### apiController.js

```

const serviceController = require('../services/serviceController');

exports.getCategories = async (req, res) => {
  try {
    const data = await serviceController.getCategories();
    return res.json(data);

  }catch (err) {
    console.log('Controller getCategories', err);
  }
};

```

### 3.

## Category.js

```

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

const Category = class Category{
  constructor(id, img_url ,title ,content, button_content){
    this.id=id;
    this.img_url=img_url;
    this.title=title;
    this.content=content;
    this.button_content =button_content;
  }

  static async fetchAll(){
    try{
      let results = await db.query(`SELECT * from category`);
      return results.rows;
    } catch (e){
      console.log('error',e);
    }
  }
};

module.exports = Category;

```

### 4.

## serviceController.js

```
const Category = require('../models/Category');

exports.getCategories = async (req, res) =>{
  try{
    return await Category.fetchAll();

  }catch(err){
    console.log('getCategories',err);
  }

}
```

## 5.

picture

pgAdmin 4

File Object Tools Help

Browser

- > FTS Dictionaries
- > Aa FTS Parsers
- > FTS Templates
- > Foreign Tables
- > Functions
- > Materialized Views
- > Procedures
- > 1..3 Sequences
- ✓ Tables (2)
  - category
    - Columns
    - Constraints
    - Indexes
    - RLS Policies
    - Rules
    - Triggers
  - category2
    - Columns (5)
      - id
      - title
      - img\_url
      - content
      - button\_con
    - Constraints
    - Indexes
    - RLS Policies
    - Rules
    - Triggers
  - Trigger Functions
  - Types
  - Views
  - Subscriptions

Database sessions

Total Active Idle

1

0

Tuples in

Inserts Updates Delete

1

0

Tuples out

900  
800  
700  
600  
500  
400  
300  
200  
100  
0

Server activity

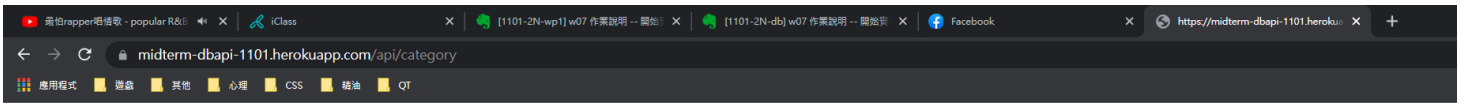
Sessions Locks Prepared Transactions

		PID	User	Application
✖	■▶	195531	cdhcpynpvtqwhk	pgAdmin 4 - I



app.js

package-lock.json



```
[
  - {
    id: 1,
    img_url: "https://www.mcdonalds.com/is/image/content/dam/tw/featured-callout/desktop/zh-tw/what-hot-PC.jpg",
    title: "現正推出",
    content: "想了解更多麥當勞有哪些最新活動嗎？你不想錯過的美食、最即時的優惠內容... 馬上探索、馬上行動！",
    button_content: "了解更多",
  },
  - {
    id: 2,
    img_url: "https://www.mcdonalds.com/is/image/content/dam/tw/featured-callout/desktop/zh-tw/mcd-home-mds-pc.jpg",
    title: "24hr歡樂送",
    content: "不想出門？還是不方便出門？麥當勞歡樂送APP提供24小時點餐服務，讓你想吃就點，歡樂不間斷",
    button_content: "了解更多",
  },
  - {
    id: 3,
    img_url: "https://www.mcdonalds.com/is/image/content/dam/tw/featured-callout/desktop/zh-tw/0-1-McCafe-banner-574x249-pc.jpg",
    title: "一杯McCafé 一段對話",
    content: "一杯咖啡創造一段時光，在這段時間，您可以開啟一段對話，享受香醇，興許會是一段故事的新開始",
    button_content: "開啟咖啡時光",
  },
  - {
    id: 4,
    img_url: "https://www.mcdonalds.com/is/image/content/dam/tw/featured-callout/desktop/zh-tw/%E8%A6%AA%E5%AD%A6%99%82%E5%85%89KV_PC_574x249.jpg",
    title: "親子時光",
    content: "世界上還有什麼比和寶貝在一起更重要的呢？找時間帶他來麥當勞一起吃、一起玩，為寶貝上人生的第一堂課：快樂",
    button_content: "了解更多",
  },
  - {
    id: 5,
    img_url: "https://www.mcdonalds.com/is/image/content/dam/tw/featured-callout/desktop/zh-tw/0-good-food-parents-child-574x249-pc.jpg",
    title: "安心品質",
    content: "從食材挑選到衛生管理，從大事項到小細節，你的每一口都有我們最嚴格的把關認證，只為了讓你安心享受，",
    button_content: "了解更多",
  },
  - {
    id: 6,
    img_url: "https://www.mcdonalds.com/is/image/content/dam/tw/featured-callout/desktop/zh-tw/Home_Banner_Digital_PC574x249.jpg",
    title: "數位便利",
    content: "總是為你想得更多，現在就利用多樣且便利的數位服務，來麥當勞找尋美味與樂趣吧！",
    button_content: "了解更多",
  },
]
```

