

# 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.

app.js

```

var createError = require('http-errors');
var express = require('express');
var path = require('path');
var cookieParser = require('cookie-parser');
var logger = require('morgan');
const cors = require('cors');

var indexRouter = require('./routes/index');
var usersRouter = require('./routes/users');
const api_Router=require('./routes/api')

var app = express();

// view engine setup
app.set('views', path.join(__dirname, 'views'));
app.set('view engine', 'ejs');

app.use(logger('dev'));
app.use(express.json());
app.use(express.urlencoded({ extended: false }));
app.use(cookieParser());
app.use(express.static(path.join(__dirname, 'public')));

app.use('/', indexRouter);
app.use('/users', usersRouter);
app.use('/api', cors(),api_Router)

// catch 404 and forward to error handler
app.use(function(req, res, next) {
  next(createError(404));
});

// error handler
app.use(function(err, req, res, next) {
  // set locals, only providing error in development
  res.locals.message = err.message;
  res.locals.error = req.app.get('env') === 'development' ? err : {};

  // render the error page
  res.status(err.status || 500);
  res.render('error');
});

app.use(
  cors({
    origin: ['https://midterm-dbapi-1101.herokuapp.com/']
  })
);

```

```
module.exports = app;
```

## 2.

### apiController2.js

```
const serviceController2 = require('../services/serviceController2');

exports.getCategories = async (req, res) => {
  try {
    const data = await serviceController2.getCategories();
    return res.json(data);

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

## 3.

### serviceController2.js

```
const Category2 = require('../models/Category2');

exports.getCategories = async (req, res) =>{
  try{
    return await Category2.fetchAll();

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

## 4.

### Category2.js

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

const Category2 = class Category2{
  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 category2`);
      return results.rows;
    } catch (e){
      console.log('error',e);
    }
  }
};

module.exports = Category2;
```

## 5.

pgAdmin 4

Admin 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

Dashboard Properties SQL Statistics Dep

### 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

```
[
  - {
    id: 1,
    title: "安心品質",
    img_url: "https://www.mcdonalds.com/is/image/content/dam/tw/publication/desktop/CSR/0-1-csr-good-food-574x380-pc.jpg",
    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: 2,
    title: "親子時光",
    img_url: "https://www.mcdonalds.com/is/image/content/dam/tw/publication/desktop/CSR/%E8%A6%AA%E5%AD%A0%E6%99%82%E5%85%89KV_PC_574x380.jpg",
    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: 3,
    title: "地球公民",
    img_url: "https://www.mcdonalds.com/is/image/content/dam/tw/publication/desktop/CSR/0-3-csr-scale-for-good-574x380-pc.jpg",
    content: "在提供美味的同時，我們也致力於擁抱所居處的地球，以最完整制度、高標準自我要求，與環境一起共生共好。",
    button_content: "了解更多",
  },
  - {
    id: 4,
    title: "幸福企業",
    img_url: "https://www.mcdonalds.com/is/image/content/dam/tw/publication/desktop/CSR/Happy-enterprises-574x380.jpg",
    content: "「以人為本」是麥當勞最重要的核心價值，我們重視人才的培訓與發展，並承諾為員工打造熱情、活力、健康且安全的職場。麥當勞相信，只有員工感到快樂，才能向顧客傳遞快樂。",
    button_content: "了解更多",
  },
]
```