

## 1. Server 端實作 (20%)

-- Node.js + PostgreSQL (Supabase)

The screenshot shows the pgAdmin 4 web interface. On the left, the 'Schemas (11)' tree is expanded, showing the 'public' schema. The 'Query' tab is active, displaying a SQL query: `SELECT * FROM public."card_xx" ORDER BY id ASC`. The 'Data Output' tab shows the results of the query in a table with 9 rows. The table has columns: id, title, descrip, category, img, and remote\_img. The status bar at the bottom indicates 'Total rows: 9 of 9' and 'Query complete 00:00:01.403'.

id	title	descrip	category	img	remote_img
1	Spider-Man Peter Parker	In Earth-616	Spider-Man	/images/photo-1.jpg	https://zcxwmfoltzaxzwhdry.supabase.co/storage/v1/object/public/MID43/photo-1.jpg
2	Spider-Gawm Gawm Stacy	In Earth-65	Spider-Lady	/images/photo-2.jpg	https://zcxwmfoltzaxzwhdry.supabase.co/storage/v1/object/public/MID43/photo-2.jpg
3	Spider-Man Miles Morales	In Earth-1610	Spider-Man	/images/photo-3.jpg	https://zcxwmfoltzaxzwhdry.supabase.co/storage/v1/object/public/MID43/photo-3.jpg
4	Spider-Man 2099 Miguel O'Hara	In Earth-928	Spider-Man	/images/photo-4.jpg	https://zcxwmfoltzaxzwhdry.supabase.co/storage/v1/object/public/MID43/photo-4.jpg
5	The Amazing Spider-Man Peter Benjamin Parker	In Earth-166100	Spider-Man	/images/photo-5.jpg	https://zcxwmfoltzaxzwhdry.supabase.co/storage/v1/object/public/MID43/photo-5.jpg
6	The Amazing Spider-Man Tobey Maguire	In Earth-166101	Spider-Man	/images/photo-6.jpg	https://zcxwmfoltzaxzwhdry.supabase.co/storage/v1/object/public/MID43/photo-6.jpg
7	Spider-Man PSS Peter Parker	In Earth-1048	Spider-Man	/images/photo-7.jpg	https://zcxwmfoltzaxzwhdry.supabase.co/storage/v1/object/public/MID43/photo-7.jpg
8	Spider-Man Peter Parker Venom	In Earth-616	Spider-Man	/images/photo-8.jpg	https://zcxwmfoltzaxzwhdry.supabase.co/storage/v1/object/public/MID43/photo-8.jpg
9	Spider-Man Peter Parker MKII	In Earth-616	Spider-Man	/images/photo-9.jpg	https://zcxwmfoltzaxzwhdry.supabase.co/storage/v1/object/public/MID43/photo-9.jpg

-- 後台資料管理

The screenshot shows the VS Code editor with the file 'BlogStaticPage\_xx.js' open. The code is a React component that renders a blog page. It includes a section title, a list of blog posts, and a footer. The component uses the 'classnames' library for conditional class names. The code is as follows:

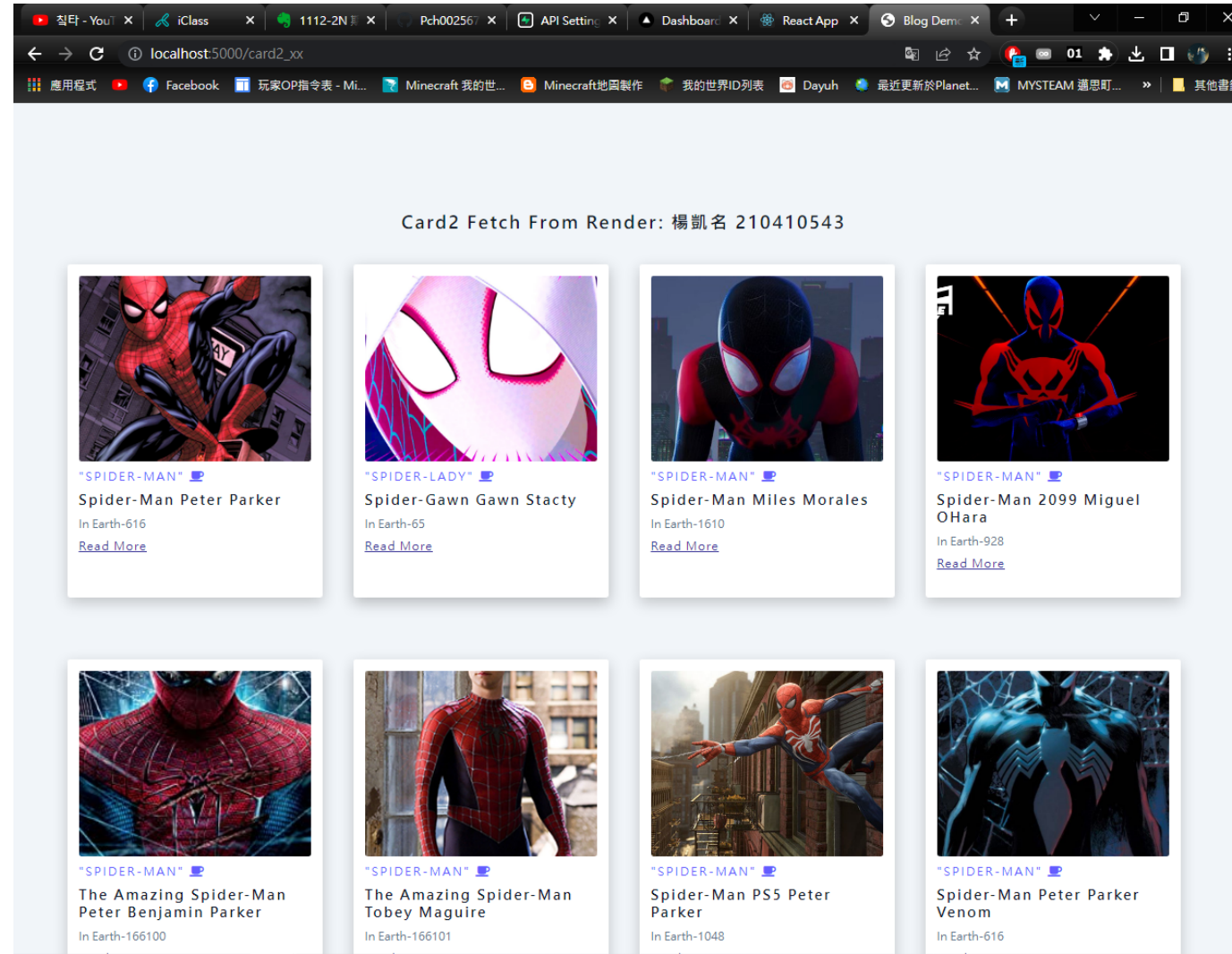
```
12 <div className='section-title'>
13   <h2>
14     {pName} {pId}
15   </h2>
16 </div>
17 <div className='blogs-center2'>
18   <article className='blog'>
19     <img
20       src='/images/photo-1.jpg'
21       alt='Coffee photo'
22       className='img blog-img'
23     />
24     <div className='blog-content'>
25       <span>
26         Spider-Man <i className='fa-solid fa-mug-saucer'></i>
27       </span>
28       <h3>Spider-Man Peter Parker</h3>
29       <p>In Earth-616</p>
30       <a href='#'>read more</a>
31     </div>
32   </article>
33   <article className='blog'>
34     <img
35       src='/images/photo-2.jpg'
36       alt='Coffee photo'
37       className='img blog-img'
38     />
39     <div className='blog-content'>
40       <span>
41         Spider-Lady <i className='fa-solid fa-globe'></i>
42       </span>
```

-- 設計API，可透過 API，存取資料

```
1 // 20230423204106
2 // https://one12-mid-server.onrender.com/api/card2_xx
3
4 [
5   {
6     "id": 1,
7     "title": "Spider-Man Peter Parker",
8     "descrip": "In Earth-616",
9     "category": "Spider-Man",
10    "img": "/images/photo-1.jpg",
11    "remote_img": "https://zcxwnmfoitzaxrzwldry.supabase.co/storage/v1/object/public/MID43/photo-1.jpg"
12  },
13  {
14    "id": 2,
15    "title": "Spider-Gawn Gawn Stacty",
16    "descrip": "In Earth-65",
17    "category": "Spider-Lady",
18    "img": "/images/photo-2.jpg",
19    "remote_img": "https://zcxwnmfoitzaxrzwldry.supabase.co/storage/v1/object/public/MID43/photo-2.jpg"
20  },
21  {
22    "id": 3,
23    "title": "Spider-Man Miles Morales",
24    "descrip": "In Earth-1610",
25    "category": "Spider-Man",
26    "img": "/images/photo-3.jpg",
27    "remote_img": "https://zcxwnmfoitzaxrzwldry.supabase.co/storage/v1/object/public/MID43/photo-3.jpg"
28  },
29  {
30    "id": 4,
31    "title": "Spider-Man 2099 Miguel OHara",
32    "descrip": "In Earth-928",
33    "category": "Spider-Man",
34    "img": "/images/photo-4.jpg",
35    "remote_img": "https://zcxwnmfoitzaxrzwldry.supabase.co/storage/v1/object/public/MID43/photo-4.jpg"
36  },
37  {
38    "id": 5,
39    "title": "The Amazing Spider-Man Peter Benjamin Parker",
```

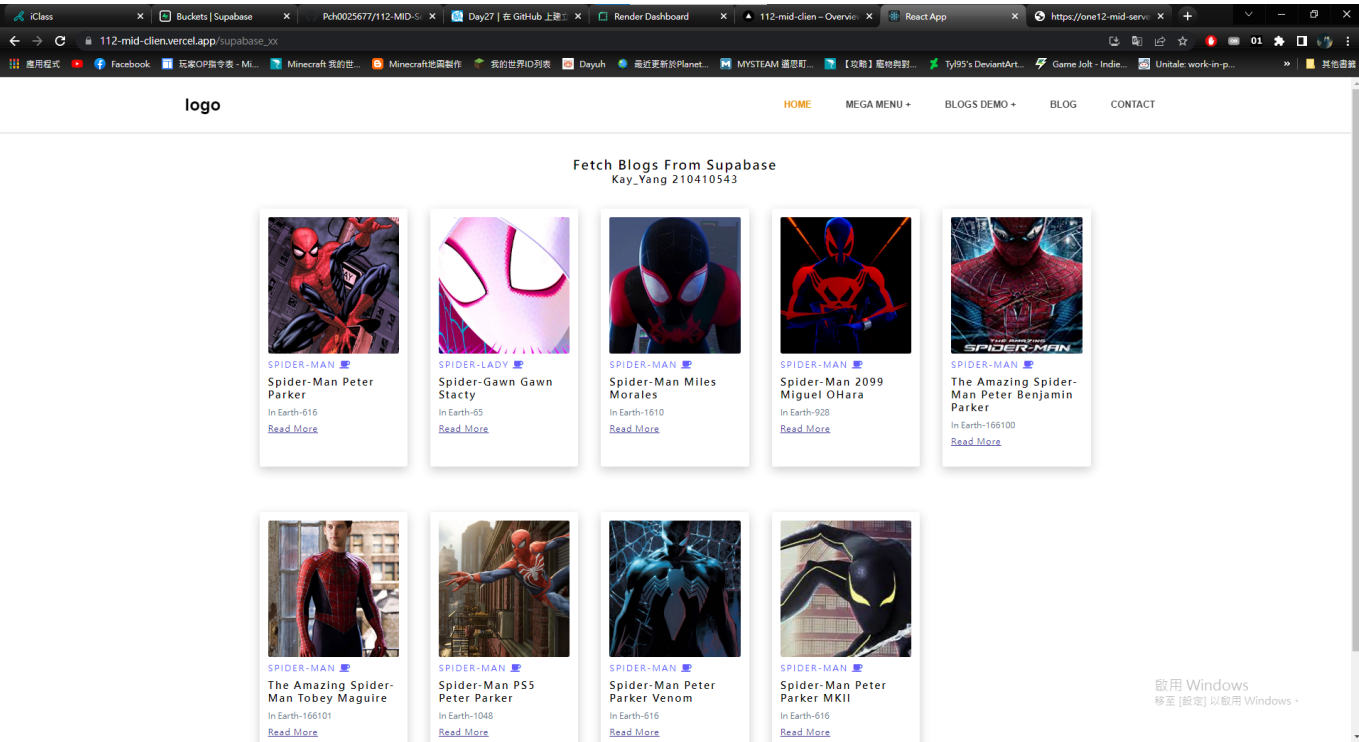
啟用 Wir  
移至 [設定]

-- Nodejs server · 可以直接在 render 雲端執行

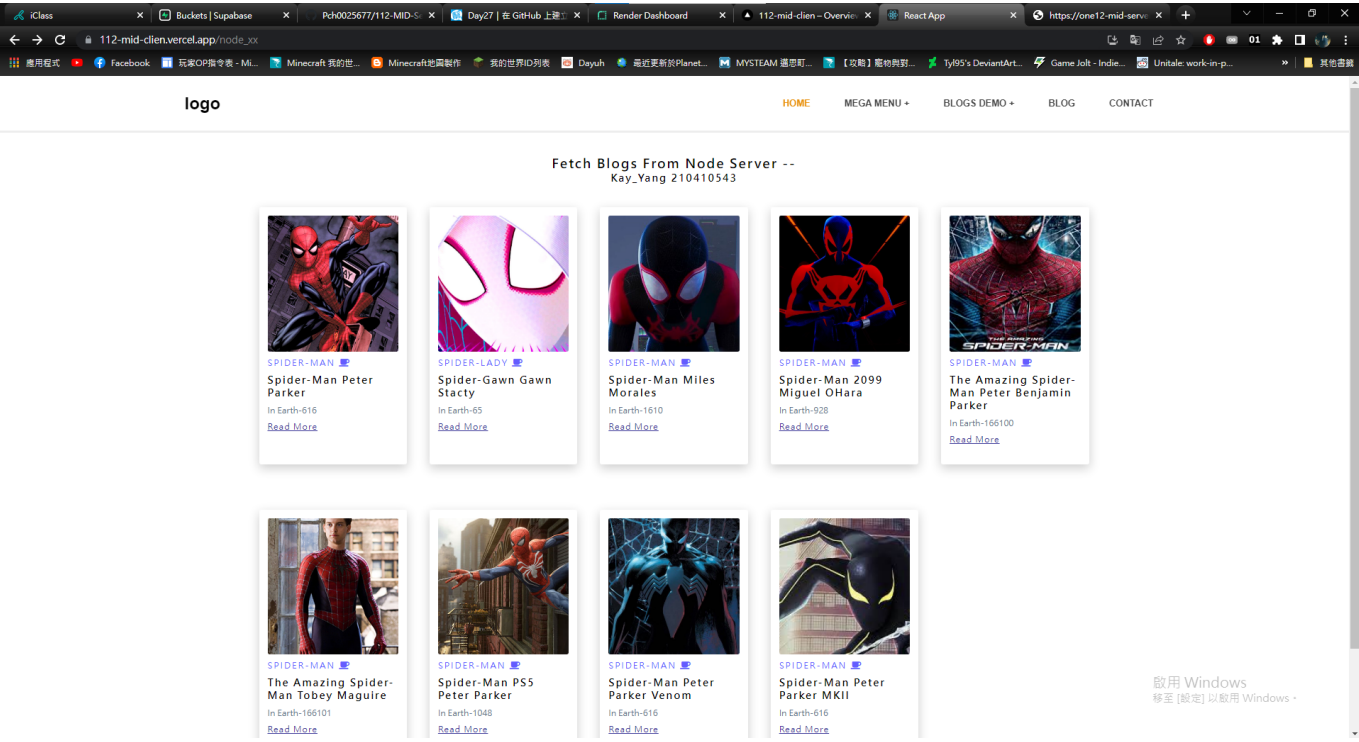


2. 前端實作 (30%)

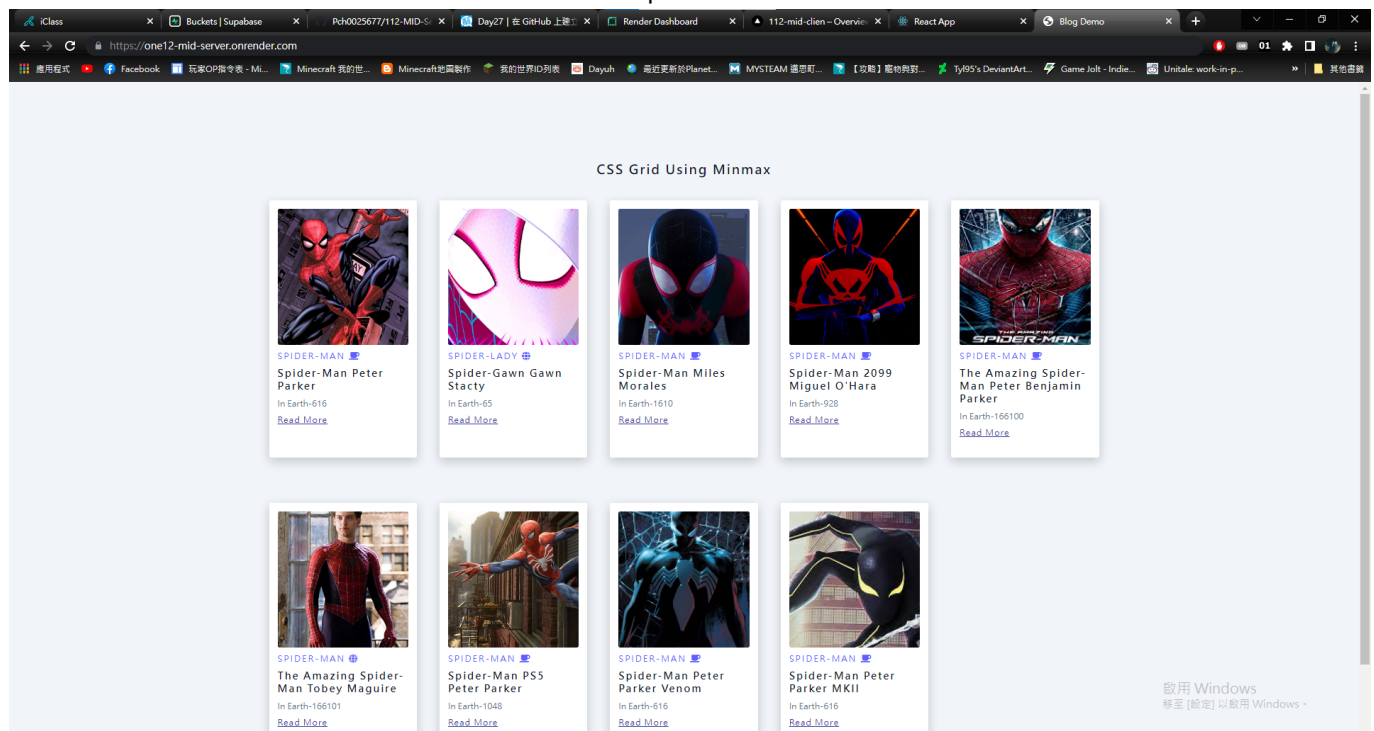
-- Serverless: React + Supabase



-- Server: React + server api (from Node.js)



-- React code 要放在 Vercel 雲端，可以直接呼叫 Supabase 或 render 雲端



GITHUB:[https://github.com/Pch0025677/210410543MID\\_Clien](https://github.com/Pch0025677/210410543MID_Clien)

VERCEL:<https://vercel.com/pch0025677/210410543-mid-clien> RENDER:<https://210410543-mid.onrender.com>