

(100%) Web 程式設計 2N 期末上機考-2 -- 開放考試

2024-4-12 at E201

Note:

1. 請不要發揮同學愛，作弊雙方除了本次考試 0 分外，平常分數另扣 20 分，情節嚴重者會送校。
2. iClass 上請繳交 md_xx.zip，還有 f2_xx.zip 2 個檔 (node_modules 請刪除)
3. 請直接將答案寫在 f2_xx.md 上，老師實作的圖片放在 f2_htc.pdf 上，請依照老師所給的圖片來實作並標註
4. 請用老師提供的 f2_xx code 來實作 P2, P3, P4 等 3 題
5. 跟期中考相關的檔案及目錄名稱有 xx 時，必須要改成學號後 2 碼，沒有修改時，會視違犯情況扣分。跟期中考題無關的檔案及目錄名稱有 xx，則不必修改。
6. 每一張圖片要有機房左側背景，圖片上有你的學號(或後兩碼)，圖片標註要跟老師所標註的類似。違者會依情節扣分。
7. 有標註要 git log 的題目，必須要做，這是我們上課練習的一部分。
8. 請自評分數，將每一題的？填入分數，沒有填者，不會批改，以 0 分計算。

Your (Name, ID): (?, ?)

f2 開放網路題目 (50%)

- P1-1 (10%): ? 分
- P1-2 (10%): ? 分
- P1-3 (10%): ? 分
- P1-4 (10%): ? 分
- P2 (15%): ? 分
- P3 (20%): ? 分
- P4-1 (5%): ? 分
- P4-2 (10%): ? 分
- P4-3 (10%): ? 分

總分: ? 分

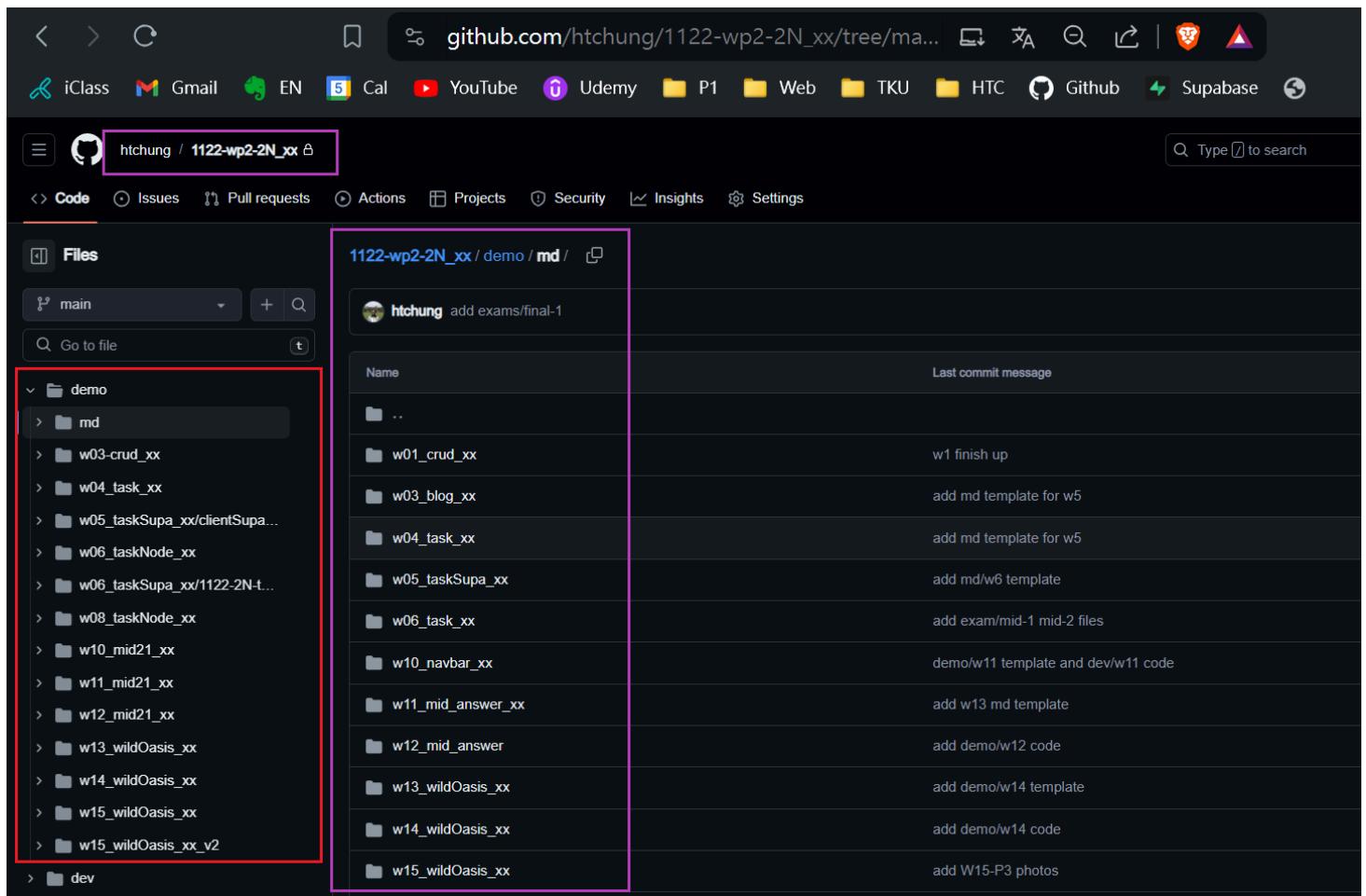
(40%) P1: Show Info of Your Github Repo, Client Supa Github, Vercel as follows

(10%) P1-1: Show Your Github Repo for all md and demo

=> My Github repo URL

https://github.com/htchung/1122-wp2-2N_xx

=> 下圖左邊框顯示所有的 demo，右邊框顯示所有的 md



Your Answer

=> My Github repo URL

[My Github repo URL for demo](#)

=> 下圖左邊框顯示所有的 demo，右邊框顯示所有的 md



=> git log

(10%) P1-2: Show all your git logs from W10 to W15

=> My Github URL for git logs · 標註本學期 git log 次數

My Github URL for git logs

The screenshot shows a GitHub repository page for a private repository named "1122-wp2-2N_xx". The repository has 1 branch and 0 tags. The commit history shows three commits by the user "htchung":

- remove final-1/w15 demo code (43 minutes ago)
- add exams/final-1 (40 minutes ago)
- add dev/w15 code, md/w15 template (2 weeks ago)

The repository has 87 commits in total. The "About" section indicates no description, website, or topics provided. The "Activity" section shows 0 stars, 1 watching, and 0 forks. There are no releases published.

=> git log for w15 and w14

The screenshot shows a GitHub commit history for a repository. The commits are organized into two main sections: W15 and W14. The W15 section is highlighted with a purple box, and the W14 section is highlighted with a pink box.

W15 Commits:

- f3418b4 - W15-P3: Implement login using LoginForm, useLogin, login (apiAuth.jsx), navigate to /dashboard when successful
- 1e19dbb - add demo/w15 code
- 2ac741a - W15-P2: For landing page, get 8 cabins data from Supabase
- acf78f1 - W15-P1: Show static page <LandingStatic_xx /> using route /landing
- fd39f63 - add dev/w15 code, md/w15 template

W14 Commits:

- 7ff9361 - add demo/w14 code
- 87fc590 - W14-P2: Make jonas code work, and show cabins and bookings info
- 20afc12 - W14-P1: Use sql to create schemas of cabins_xx, guests_xx, bookings_xx, settings_xx, and use Uploader to upload all data
- 377ff18 - add dev/w14 code for login, logout, cabins crud

=> git log for w13 and w12

The screenshot shows a GitHub commit history for a repository. The commits are grouped into two main sections, each highlighted with a purple border.

W13 Section (Top):

- W13-P2: Get first booking_xx data, with corresponding cabin_xx and guest_xx data
- W13-P1: Get first Cabins_xx data from Supabase

W12 Section (Bottom):

- add dev/w13 starter
- add md/w13, dev/w13 materials
- o- Commits on May 8, 2024
- add demo/w12 code
- W12-P4: Insert a blog using React Query
- W12-P3: Use React Query to read all blogs from Node server
- W12-P2: Update a blog with id=20
- W12-P1: Insert a blog using local json array

Each commit includes a small profile picture and the text "htchung committed last month".

=> git log for w11 and w10

The screenshot shows a GitHub commit history for two projects: w11 and w10. The commits are organized by date: May 1, 2024, and April 24, 2024.

Commits on May 1, 2024:

- w11 finish up (htchung committed 2 months ago)
- W11-P3: Use Postman to test DELETE /api/blogs/clearAll, and POST /api/blogs/loadAll (htchung committed 2 months ago)
- W11-P2: Use Postman to test GET /api/blogs, and DELETE /api/blogs/:id (htchung committed 2 months ago)
- W11-P1: Make mobileBtn work correctly (htchung committed 2 months ago)
- demo/w11 template and dev/w11 code (htchung committed 2 months ago)

Commits on April 24, 2024:

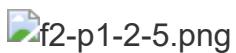
- add demo/w10 code (htchung committed 2 months ago)
- W10-P2: Add Navbar_xx with 3 menu items (htchung committed 2 months ago)
- W10-P1: Create HomeLayout_xx for all routes (htchung committed 2 months ago)
- add demo/w10 template (htchung committed 2 months ago)

Your Answer

=> My Github URL for git logs · 標註本學期 git log 次數



=> git log for w15 and w14



=> git log for w13 and w12



=> git log for w11 and w10



=> git log

(10%) P1-3: 佈署 w15 demo 到 Vercel · 並顯示如下資訊

w15 demo deploy to Vercel

=> 顯示在 Vercel 上的 landing page

The Wild Oasis (htc, 123456789)

Home_xx

Cabins About Contact us Login

Our Luxury Cabins

Cozy yet luxurious cabins, located right in the heart of the Italian Dolomites. Imagine waking up to beautiful mountain views, spending your days exploring the dark forests around, or just relaxing in your private hot tub under the stars. Enjoy nature's beauty in your own little home away from home. The perfect spot for a peaceful, calm vacation. Welcome to paradise.

Cabin 001 For up to 2 guests \$250 / night Details & reservation →	Cabin 002 For up to 2 guests \$350 / night Details & reservation →
Cabin 003 For up to 4 guests \$300 / night Details & reservation →	Cabin 004 For up to 4 guests \$500 / night Details & reservation →
Cabin 005 For up to 6 guests \$350 / night	Cabin 006 For up to 6 guests \$800 / night

=> 透過 Vercel 頁面，以含有你學號的 email login，登入後在 Dashboard 頁面顯示你個人及 登入之 user 資訊

The screenshot shows a web application interface on the left and a browser developer tools screenshot on the right.

Left Side (Web Application):

- Header: localhost:5173/dashboard
- Logo: THE WILD OASIS
- Navigation: Home, Bookings, Cabins, Users, Settings
- SAMPLE DATA: Upload ALL, Upload bookings ONLY
- Main Content: Final-2 Exam of Web Prog 2, 2024. Guest name: Hsingtai Chung, Guest student ID: 987654321, Supabase email: 987654321@gmail.com, Supabase user id: a00dbe3b-617f-4fb1-9ea0-d5548a2f9035

Right Side (Developer Tools - Application tab):

- Storage section expanded, showing Local storage under http://localhost:5173:
 - Key: isDarkMode, Value: false
 - Key: TanstackQueryDevtools.open, Value: false
 - Key: sb-ifafquhvqvbytzaghf-auth-token, Value: {"access_token": "eyJhbGciOiJIUzI1NiIsImtpZCI6IkFxQVppbkV0QnQYmhz..."}
 - Key: access_token, Value: "eyJhbGciOiJIUzI1NiIsImtpZCI6IkFxQVppbkV0QnQYmhz..."
 - Key: expires_at, Value: 1717995528
 - Key: refresh_token, Value: "VTuQ19AhqOXnEBriG3mZw"
 - Key: token_type, Value: "bearer"
 - Key: TanstackQueryDevtools.position, Value: bottom
 - Key: TanstackQueryDevtools.height, Value: 233
- Background services section expanded, showing Back/forward cache, Bounce tracking mitigations, Notifications, Payment handler, Speculative loads, Push messaging.
- Frames section expanded, showing top frame.

Your Answer

=> 顯示在 Vercel 上的 landing page



=> 透過 Vercel 頁面，以含有你學號的 email login，登入後在 Dashboard 頁面顯示你個人及 登入之 user 資訊



=> Dashboard 之程式碼 (code)



=> git log

(10%) P1-4: 透過 P1-3 之程式登入後取得 Supabase access token, api keys

=> 登入後，取得 access token

The screenshot shows a browser window with two tabs: 'htchung/1122-2-wild-oasis-de' and 'Project Demo: The Wild Oasis'. The main content area displays a dashboard for 'THE WILD OASIS' with sections for Home, Bookings, Cabins, Users, and Settings. A 'SAMPLE DATA' section contains buttons for 'Upload ALL' and 'Upload bookings ONLY'. On the right, a context menu is open over a JSON object, with the 'Copy value' option highlighted. The JSON object contains user authentication information:

```
access_token: "eyJhbGciOiJIUzI1NiIsImtpZCI6Ik...  
expires_in: 3600  
refresh_token: "k0IDtDKLHpa1j1UNQgfmoQ"  
token_type: "bearer"  
user: {id: "a00dbe3b-617f-4fb1-9ea0-d5548a2f9e...",  
app_metadata: {provider: "email", providers: "authenticated",  
aud: "authenticated",  
confirmed_at: "2024-05-29T13:25:37.859357Z",  
created_at: "2024-05-29T13:25:37.853051Z",  
email: "987654321@gmail.com",  
email_confirmed_at: "2024-05-29T13:25:37.859357Z",  
id: "a00dbe3b-617f-4fb1-9ea0-d5548a2f9035",  
identities: [{identity_id: "80fc2573-f712-49...",  
is_anonymous: false, last_sign_in_at: "2024-06-10T05:51:813042Z",  
phone: "", role: "authenticated"}]
```

=> 從 [jwt.io](#) 檢視 access token

The screenshot shows the jwt.io interface. On the left, a large portion of the token is displayed as a long string of characters. To its right, the token is decoded into its components. The header section is shown as:

```
{
  "alg": "HS256",
  "kid": "AqA7inEtBxPbhs9z",
  "typ": "JWT"
}
```

The payload section is labeled "PAYLOAD: DATA" and contains the following JSON data:

```
{
  "aud": "authenticated",
  "exp": 1717999551,
  "iat": 1717999551,
  "iss": "https://ifafquhqvbtxtzaghzf.supabase.co/auth/v1",
  "sub": "a904b-0b-617f-1fb1-0ae0-d5548a2f9035",
  "email": "987654321@gmail.com",
  "phone": "",
  "app_metadata": {
    "provider": "email",
    "providers": [
      "email"
    ]
  },
  "user_metadata": {},
  "role": "authenticated",
  "aal": "aal1",
  "amr": [
    (
  
```

=> Project URL & anon key

The screenshot shows the Supabase dashboard under the "Settings" tab. In the "API Settings" section, the "Project URL" field is highlighted with a red box and contains the value: <https://ifafquhqvbtxtzaghzf.supabase.co>. Below it, a note states: "RESTful endpoint for querying and managing your database".

In the "Project API keys" section, there are two entries: "anon" and "public". The "public" key is highlighted with a red box and has a "Copy" button next to it. The key value is: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3Mi0iJzdXBhYmFzZz. The note below says: "This key is safe to use in a browser if you have enabled Row Level Security for your tables and configured policies."

Your Answer

=> 登入後，取得 access token



=> 從 jwt.io 檢視 access token



=> Project URL & anon key

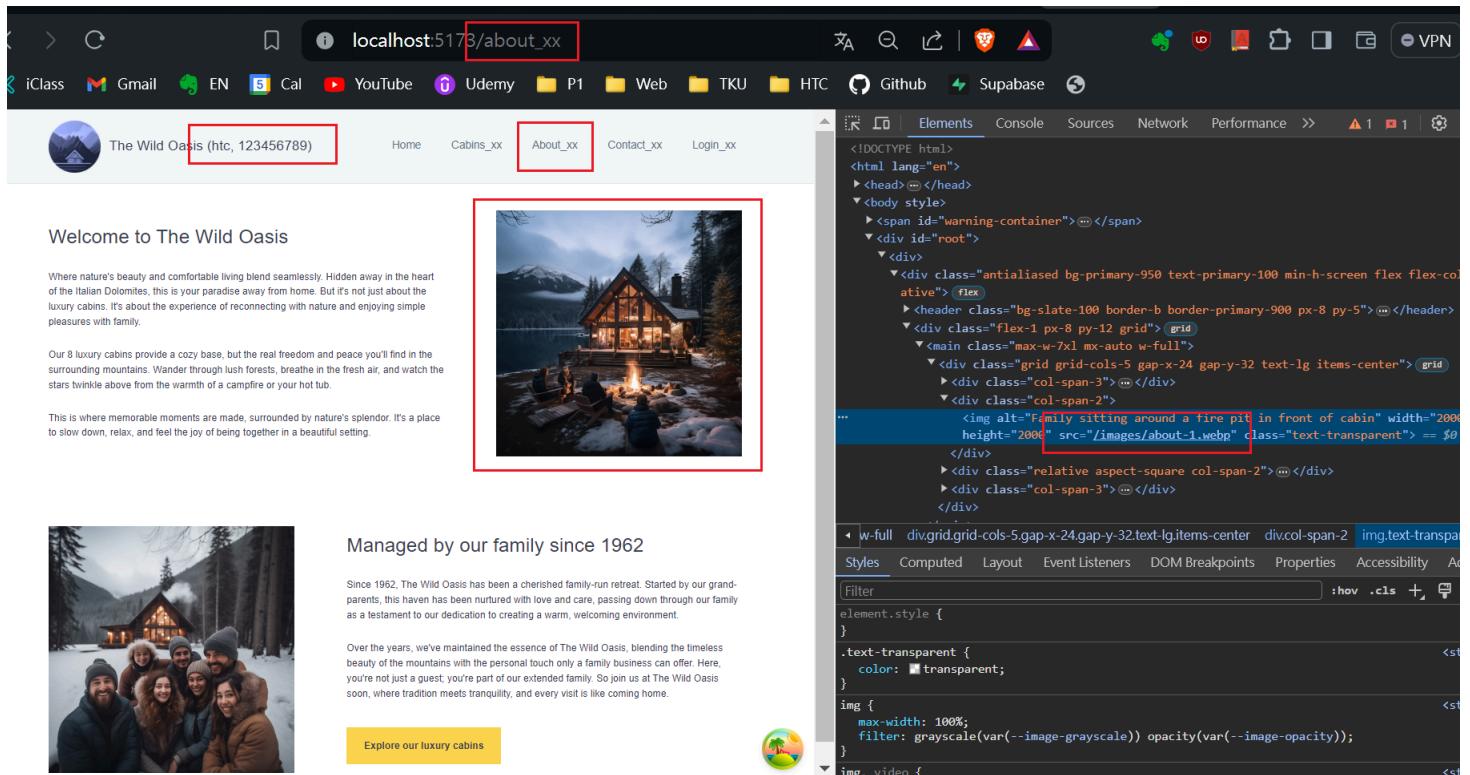


=> git log

以下 P2, P3, P4 題目請透過老師提供的
f2_xx 來實作，跟 P2, P3, P4 有關的檔案及

目錄，如有 xx 需改成學號後兩碼，跟期中考無關的檔案及目錄出現 xx，則不需要修改。

(15%) P2: 實作路由 /about_xx，點選上方選單 About_xx，可以顯示 About 訊息如下圖



The Wild Oasis (htc, 123456789)

Welcome to The Wild Oasis

Where nature's beauty and comfortable living blend seamlessly. Hidden away in the heart of the Italian Dolomites, this is your paradise away from home. But it's not just about the luxury cabins. It's about the experience of reconnecting with nature and enjoying simple pleasures with family.

Our 8 luxury cabins provide a cozy base, but the real freedom and peace you'll find in the surrounding mountains. Wander through lush forests, breathe in the fresh air, and watch the stars twinkle above from the warmth of a campfire or your hot tub.

This is where memorable moments are made, surrounded by nature's splendor. It's a place to slow down, relax, and feel the joy of being together in a beautiful setting.

Managed by our family since 1962

Since 1962, The Wild Oasis has been a cherished family-run retreat. Started by our grandparents, this haven has been nurtured with love and care, passing down through our family as a testament to our dedication to creating a warm, welcoming environment.

Over the years, we've maintained the essence of The Wild Oasis, blending the timeless beauty of the mountains with the personal touch only a family business can offer. Here, you're not just a guest; you're part of our extended family. So join us at The Wild Oasis soon, where tradition meets tranquility, and every visit is like coming home.

Explore our luxury cabins

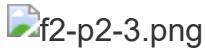
```
<!DOCTYPE html>
<html lang="en">
  <head> ...
  </head>
  <body style="background-color: #f0f0f0; font-family: sans-serif; margin: 0; padding: 0;">
    <span id="warning-container"></span>
    <div id="root">
      <div>
        <header class="bg-slate-100 border-b border-primary-900 px-8 py-5"></header>
        <div class="flex-1 px-8 py-12 grid"><grid>
          <main class="max-w-7xl mx-auto w-full">
            <div class="grid grid-cols-5 gap-x-24 gap-y-32 text-lg items-center"><grid>
              <div class="col-span-3"></div>
              <div class="col-span-2">
                
              </div>
            </grid>
            <div class="relative aspect-square col-span-2"></div>
            <div class="col-span-3"></div>
          </main>
        </div>
      </div>
    </div>
  </body>
</html>
```

Your Answer

=> Chrome 顯示圖片如上



=> 相關重點 code 說明



=> git log

(20%) P3: 請實作 /cabins_xx/:id，當點選 Details and reservation 時，顯示該 cabin id 的詳細資訊，如下圖。

如果直接從全部 `cabins` 中篩選 `id`，顯示所要的畫面，而沒有實作 `/cabins_xx/:id` 路由者，得 10 分。

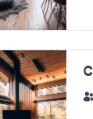
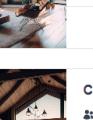
以下老師顯示 Cabin 001 及 008 兩筆。同學們顯示請以你的學號後兩個數字分別除以 8 取餘數來決定。舉例，如果學號最後兩個數字為 85，則先顯示 Cabin 005，後顯示 Cabin 008。

The Wild Oasis (htc, 123456789)

Home_xx Cabins_xx About_xx Contact_xx Login_xx

Our Luxury Cabins

Cozy yet luxurious cabins, located right in the heart of the Italian Dolomites. Imagine waking up to beautiful mountain views, spending your days exploring the dark forests around, or just relaxing in your private hot tub under the stars. Enjoy nature's beauty in your own little home away from home. The perfect spot for a peaceful, calm vacation. Welcome to paradise.

 Cabin 001 For up to 2 guests \$250 / night Details & reservation →	 Cabin 002 For up to 2 guests \$350 / night Details & reservation →
 Cabin 003 For up to 4 guests \$300 / night Details & reservation →	 Cabin 004 For up to 4 guests \$500 / night Details & reservation →
 Cabin 005 For up to 6 guests \$350 / night	 Cabin 006 For up to 6 guests \$800 / night

```
Landing_xx.cabins undefined
Landing_xx.cabins undefined
Landing_xx.cabins undefined
Landing_xx.cabins
▶ (8) [{}]
  0: {id: 1, created_at: '2024-05-22T11:26:55.460449', name: '001', maxCapacity: 2, price: 250}
  1: {id: 2, created_at: '2024-05-22T11:26:55.460449', name: '002', maxCapacity: 2, price: 350}
  2: {id: 3, created_at: '2024-05-22T11:26:55.460449', name: '003', maxCapacity: 4, price: 300}
  3: {id: 4, created_at: '2024-05-22T11:26:55.460449', name: '004', maxCapacity: 4, price: 500}
  4: {id: 5, created_at: '2024-05-22T11:26:55.460449', name: '005', maxCapacity: 6, price: 350}
  5: {id: 6, created_at: '2024-05-22T11:26:55.460449', name: '006', maxCapacity: 6, price: 800}
  6: {id: 7, created_at: '2024-05-22T11:26:55.460449', name: '007', maxCapacity: 6, price: 800}
  7: {id: 8, created_at: '2024-05-22T11:26:55.460449', name: '008', maxCapacity: 6, price: 800}
  length: 8
  [[Prototype]]: Array(0)
```

=> 點選 Cabin 001 之 Details 按鈕，顯示 Cabin 001 詳細資訊

The screenshot shows a web browser window with the URL `localhost:5173/cabins_xx/1`. The main content area displays a cabin listing for "Cabin 001". The listing includes a large image of the cabin's interior, a title "Cabin 001", a detailed description of the cabin's features and amenities, and guest information. Below the description, there are two buttons: "For up to 2 guests" and "Privacy 100% guaranteed". The DevTools Network tab is open, showing a list of API requests and their responses. One response, "getCabinsById()", is highlighted and expanded, showing the JSON data for Cabin 001, including its name, price, and description.

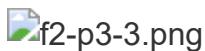
```
[{"id": 1, "created_at": "2024-05-22T11:26:55.460449", "name": "001", "maxCapacity": 2, "regularPrice": 250, "description": "Discover the ultimate luxury getaway for couples in the cozy wooden cabin 001. Nestled in a picturesque forest, this stunning cabin offers a secluded and intimate retreat. Inside, enjoy modern high-quality wood interiors, a comfortable seating area, a fireplace and a fully-equipped kitchen. The plush king-size bed, dressed in fine linens guarantees a peaceful nights sleep. Relax in the spa-like shower and unwind on the private deck with hot tub. Show more", "discount": 0, "image": "https://ifafquvhqbvtxtzaghf.supabase.co/storage/v1/object/public/cabin-001/cabin-001.jpg", "id": 1}, {"id": 2, "regularPrice": 250, "created_at": "2024-05-22T11:26:55.460449", "name": "001", "maxCapacity": 2, "description": "Discover the ultimate luxury getaway for couples in the cozy wooden cabin 001. Nestled in a picturesque forest, this stunning cabin offers a secluded and intimate retreat. Inside, enjoy modern high-quality wood interiors, a comfortable seating area, a fireplace and a fully-equipped kitchen. The plush king-size bed, dressed in fine linens guarantees a peaceful nights sleep. Relax in the spa-like shower and unwind on the private deck with hot tub. Show more", "discount": 0, "image": "https://ifafquvhqbvtxtzaghf.supabase.co/storage/v1/object/public/cabin-001/cabin-001.jpg", "id": 1}, {"id": 2, "regularPrice": 250, "created_at": "2024-05-22T11:26:55.460449", "name": "001", "maxCapacity": 2, "description": "Discover the ultimate luxury getaway for couples in the cozy wooden cabin 001. Nestled in a picturesque forest, this stunning cabin offers a secluded and intimate retreat. Inside, enjoy modern high-quality wood interiors, a comfortable seating area, a fireplace and a fully-equipped kitchen. The plush king-size bed, dressed in fine linens guarantees a peaceful nights sleep. Relax in the spa-like shower and unwind on the private deck with hot tub. Show more", "discount": 0, "image": "https://ifafquvhqbvtxtzaghf.supabase.co/storage/v1/object/public/cabin-001/cabin-001.jpg", "id": 1}, {"id": 1, "regularPrice": 250, "created_at": "2024-05-22T11:26:55.460449", "name": "001", "maxCapacity": 2, "description": "Discover the ultimate luxury getaway for couples in the cozy wooden cabin 001. Nestled in a picturesque forest, this stunning cabin offers a secluded and intimate retreat. Inside, enjoy modern high-quality wood interiors, a comfortable seating area, a fireplace and a fully-equipped kitchen. The plush king-size bed, dressed in fine linens guarantees a peaceful nights sleep. Relax in the spa-like shower and unwind on the private deck with hot tub. Show more", "discount": 0, "image": "https://ifafquvhqbvtxtzaghf.supabase.co/storage/v1/object/public/cabin-001/cabin-001.jpg", "id": 1}, {"id": 2, "regularPrice": 250, "created_at": "2024-05-22T11:26:55.460449", "name": "001", "maxCapacity": 2, "description": "Discover the ultimate luxury getaway for couples in the cozy wooden cabin 001. Nestled in a picturesque forest, this stunning cabin offers a secluded and intimate retreat. Inside, enjoy modern high-quality wood interiors, a comfortable seating area, a fireplace and a fully-equipped kitchen. The plush king-size bed, dressed in fine linens guarantees a peaceful nights sleep. Relax in the spa-like shower and unwind on the private deck with hot tub. Show more", "discount": 0, "image": "https://ifafquvhqbvtxtzaghf.supabase.co/storage/v1/object/public/cabin-001/cabin-001.jpg", "id": 1}], [{"text": "Discover the ultimate luxury getaway for couples in the cozy wooden cabin 001. Nestled in a picturesque forest, this stunning cabin offers a secluded and intimate retreat. Inside, enjoy modern high-quality wood interiors, a comfortable seating area, a fireplace and a fully-equipped kitchen. The plush king-size bed, dressed in fine linens guarantees a peaceful nights sleep. Relax in the spa-like shower and unwind on the private deck with hot tub. Show more"}]
```

=> 點選 Cabin 008 之 Details 按鈕，顯示 Cabin 001 詳細資訊

The screenshot shows a web browser window with the URL `localhost:5173/cabins_xx/8`. The main content area displays a large image of a cabin interior and a detailed description of Cabin 008. Below the description are three small icons: a person icon (For up to 10 guests), a location pin icon (Located in the heart of the Dolomites (Italy)), and a shield icon (Privacy100% guaranteed). The React DevTools developer console is open on the right side, showing the component tree and state. A red box highlights the component `cabin id 8` in the tree. Another red box highlights the prop `cabin` in the code editor. A third red box highlights the file name `CabinById_xx.jsx:10` in the code editor. The code in the editor shows a recursive call to `useCabinById()` to get the cabin by ID 8.

Your Answer

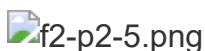
=> 以你的學號最後 1 個數字，依老師上述規則，點選對應的 Cabin 之 Details 按鈕，顯示該 Cabin 詳細資訊



=> 以你的學號最後第 2 個數字，依老師上述規則，點選對應的 Cabin 之 Details 按鈕，顯示該 Cabin 詳細資訊



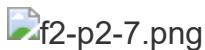
=> `CabinById_xx.jsx` 相關重點 code 說明



=> `useCabinById_xx.jsx` 相關重點 code 說明



=> `apiCabins.jsx` 相關重點 code 說明



=> git log

(5%) P4-1: 請在 Supabase 加入一筆有你

=> 用 SQL 指令新增一筆有你學號的 email

The screenshot shows the Supabase SQL editor interface. A red box highlights the SQL code:

```
88
89     INSERT INTO guests_xx ("fullName", "email", "nationality", "nationalID", "countryFlag")
90   VALUES
91     ('Hsingtai Chung', '987654321@gmail.com', 'Taiwan', '3456117890', 'https://flagcdn.com/tw.svg')
92   -----
93   -- for bookings table
94   -----
```

The results section shows the message: "Success. No rows returned". A red box highlights the "Run CTRL + F5" button.

=> 在 guests_xx 中檢查剛新增、有你學號的 guest id

The screenshot shows the Supabase Table Editor for the "guests_xx" table. A red box highlights the table name in the sidebar. The newly added row (id 31) is highlighted with a red box in the main table area.

	id	created_at	fullName	email	nationality	nationalID	countryFlag
	16	2024-05-22 11:26:55.154969	Fatima Ahmed	fatima@example.com	Pakistan	1089999363	https://flag
	17	2024-05-22 11:26:55.154969	David Smith	david@gmail.com	Australia	44450960283	https://flag
	18	2024-05-22 11:26:55.154969	Marie Dupont	marie@gmail.com	France	06934233728	https://flag
	19	2024-05-22 11:26:55.154969	Ramesh Patel	ramesh@gmail.com	India	9875412303	https://flag
	20	2024-05-22 11:26:55.154969	Fatimah Al-Sayed	fatimah@gmail.com	Kuwait	0123456789	https://flag
	21	2024-05-22 11:26:55.154969	Nina Williams	nina@hotmail.com	South Africa	2345678901	https://flag
	22	2024-05-22 11:26:55.154969	Taro Tanaka	taro@gmail.com	Japan	3456789012	https://flag
	23	2024-05-22 11:26:55.154969	Abdul Rahman	abdul@gmail.com	Saudi Arabia	4567890123	https://flag
	24	2024-05-22 11:26:55.154969	Julie Nguyen	julie@gmail.com	Vietnam	5678901234	https://flag
	25	2024-05-22 11:26:55.154969	Sera Lee	sara@gmail.com	South Korea	6789012345	https://flag
	26	2024-05-22 11:26:55.154969	Carlos Gomez	carlos@yahoo.com	Colombia	7890123456	https://flag
	27	2024-05-22 11:26:55.154969	Emma Brown	emma@gmail.com	Canada	8901234567	https://flag
	28	2024-05-22 11:26:55.154969	Juan Hernandez	juan@yahoo.com	Argentina	4343433333	https://flag
	29	2024-05-22 11:26:55.154969	Ibrahim Ahmed	ibrahim@yahoo.com	Nigeria	2345678009	https://flag
	30	2024-05-22 11:26:55.154969	Mei Chen	mei@gmail.com	Taiwan	3456117890	https://flag
	31	2024-06-10 11:01:46.026801	Hsingtai Chung	987654321@gmail.com	Taiwan	3456117890	https://flag

=> 列出在 Supabase 所有 cabin 的 id 及 name

Ow	Id	int4	created_at	timestamp	name	text	maxCapacity	int2	regularPrice	int2	discount	int2	image	text	description
	1		2024-05-22 11:26:55.460449		001		2		250		0		https://ifafquhqvbtxtzaghzf.supabase.co	Discover the	
	2		2024-05-22 11:26:55.460449		002		2		350		25		https://ifafquhqvbtxtzaghzf.supabase.co	Escape to the	
	3		2024-05-22 11:26:55.460449		003		4		300		0		https://ifafquhqvbtxtzaghzf.supabase.co	Experience lu	
	4		2024-05-22 11:26:55.460449		004		4		500		50		https://ifafquhqvbtxtzaghzf.supabase.co	Indulge in the	
	5		2024-05-22 11:26:55.460449		005		6		350		0		https://ifafquhqvbtxtzaghzf.supabase.co	Enjoy a comf	
	6		2024-05-22 11:26:55.460449		006		6		800		100		https://ifafquhqvbtxtzaghzf.supabase.co	Experience th	
	7		2024-05-22 11:26:55.460449		007		8		600		100		https://ifafquhqvbtxtzaghzf.supabase.co	Accommodat	
	8		2024-05-22 11:26:55.460449		008		10		1400		0		https://ifafquhqvbtxtzaghzf.supabase.co	Experience th	

Your Answer

=> 用 SQL 指令新增一筆有你學號的 email



=> 在 guests_xx 中檢查剛新增、有你學號的 guest id



=> 列出在 Supabase 所有 cabin 的 id 及 name



=> git log

(10%) P4-2: 在 P3 題下面加入一個按鈕 Add Reservation，可以新增一筆預訂，請用 P4-1 的 guest id 來預訂，訂購資訊會寫入 booking_xx 中

考試時，為了節省時間，不需要產生 form，可以直接參考下圖右方老師資料來進行輸入，但是 guest id 必須符合 P4-1 你所建立的 guest id。

為了節省時間，本題不須使用 React Query。

=> Chrome 成功寫入並正確回傳資訊

The screenshot shows a web browser window with the URL `localhost:5173/cabins_xx/1`. The main content displays a cabin interior with a fireplace and large windows. The title is "Cabin 001". Below the title is a detailed description of the cabin's features and location. At the bottom are three buttons: "Add Reservation", "Update Reservation", and "Delete Reservation". A red box highlights the "Add Reservation" button. The DevTools console on the right shows a pending promise for `CabinById_xx.jsx:41` and an `addBooking` function call. The returned object is expanded, showing a booking entry with various properties like `cabinId`, `guestId`, `startDate`, and `endDate`.

```
bookingResult > Promise {<pending>} CabinById_xx.jsx:41
addBooking
{[...]} +
  cabinId: 1
  cabinPrice: 250
  created_at: "2024-06-10T13:23:47.302385"
  endDate: "2024-06-15T00:00:00"
  extraPrice: 50
  guestId: 31
  hasBreakfast: false
  id: 25
  isPaid: false
  numGuests: 2
  numNights: 5
  observations: "I will be check-in after 10pm."
  startDate: "2024-06-10T00:00:00"
  status: "unconfirmed"
  totalPrice: 250
  [[Prototype]]: Object
length: 1
[[Prototype]]: Array(0)
```

=> 在 Supabase bookings_xx 檢查剛新增的資料，並全部列出

The screenshot shows the Supabase Table Editor for the `bookings_xx` table. On the left, the schema is set to `public`. The table has columns: `id`, `created_at`, `startDate`, `endDate`, and `numNights`. A new row is being inserted with the following values:

	<code>id</code>	<code>created_at</code>	<code>startDate</code>	<code>endDate</code>	<code>numNights</code>
	25	2024/06/10 下午 01:23:47	2024/06/10 上午 12:00:00	2024/06/15 上午 12:00:00	5

The `Optional Fields` section shows the `numNights` field with a value of 5.

The screenshot shows the Supabase Table Editor interface. On the left, the 'Table Editor' sidebar lists tables: schema: public, bookings, bookings_xx, cabins, cabins_xx, company_xx, guests, guests_xx, messages_xx, product_xx, products_xx, profiles, profiles2, settings, settings_xx, task_xx. The main area shows a table with columns: id, reate..., timestamp, obse... (partial). A specific row (id 13) is selected. A modal dialog titled 'Update row from bookings_xx' is open, showing fields: numGuests (int2) set to 2, cabinPrice (float4) set to 250, extrasPrice (float4) set to 50, totalPrice (float4) set to 250, status (text) set to unconfirmed, and hasBreakfast (bool) set to FALSE.

This screenshot is similar to the previous one, showing the Supabase Table Editor. The modal dialog for updating the row with id 13 is still open. The 'hasBreakfast' field is set to FALSE. The 'isPaid' field is also set to FALSE. The 'observations' field contains the text 'I will be check-n after 10pm.' The 'cabinId' field is set to 1, and the 'guestId' field is set to 31. Both fields have a red border around them. A tooltip for 'cabinId' states: 'Has a foreign key relation to public.cabins_xx.id'. A tooltip for 'guestId' states: 'Has a foreign key relation to public.guests_xx.id'.

Your Answer

=> Chrome 成功寫入並正確回傳資訊



=> 在 Supabase bookings_xx 檢查剛新增的資料，並全部列出



=> CabinById.jsx 相關的 code

本題可以直接呼叫 apiBooking.jsx，不需要透過 React Query



=> apiBooking.jsx 相關的 code



=> git log

(5%) P4-3: 在 P3 題下面加入一個按鈕 Update Reservation，可以修改 P4-2 所建立的預訂資料

本題要修改的資料有 totalPrice，因為計算錯誤，計算公式為

$$(250+50)*5 = 1500,$$

另外 observations 改成 'We will be late check-in after 10pm, please help pick us up at the airport.'

為了節省時間，本題不須使用 React Query。

=> Chrome 成功寫入並正確回傳資訊

The screenshot shows a web browser window with the URL `localhost:5173/cabins_xx/1`. The main content area displays a cabin listing for "Cabin 001". The listing includes a large image of the cabin's interior, a title "Cabin 001", a detailed description of the cabin's features and location, and guest information. Below the description are three buttons: "Add Reservation", "Update Reservation", and "Delete Reservation". The "Update Reservation" button is highlighted with a red box.

The browser's address bar shows the URL `localhost:5173/cabins_xx/1`. The DevTools Network tab is open, showing a list of network requests. One request, "updateBooking", is selected, and its response body is displayed in the "Response" pane. The response body is a JSON object representing a booking update:

```
not available
updateBookingResult ➔ Promise {<pending>} CabinById_xx.jsx:52
updateBooking ➔ apiBookings.js:45
  ↴ [↓] 1:
    ↴ 0:
      cabinId: 1
      cabinPrice: 250
      created_at: "2024-06-10T13:23:47.302385"
      endDate: "2024-06-15T00:00:00"
      extrasPrice: 50
      guestId: 31
      hasBreakfast: false
      id: 25
      isPaid: false
      numGuests: 2
      numNights: 5
      observations: "We will be late check-in after 10pm, please help"
      startDate: "2024-06-10T00:00:00"
      status: "unconfirmed"
      totalPrice: 1500
      ↴ [[Prototype]]: Object
      length: 1
      ↴ [[Prototype]]: Array(0)
```

=> 在 Supabase bookings_xx 檢查更新的資料

The screenshot shows the Supabase Table Editor interface for the 'bookings_xx' table. The left sidebar lists various tables: schema (public), bookings, bookings_xx (selected), cabins, cabins_xx, company_xx, guests, guests_xx, messages_xx, product_xx, products_xx, profiles, profiles2, settings, settings_xx, task_xx. The main area displays a list of booking rows with columns: id, create..., timestamp, and observations. Row 25 is selected and highlighted with a red box. The right panel shows the 'Update row from bookings_xx' form for row 25. It contains fields for totalPrice (1500), status (unconfirmed), hasBreakfast (FALSE), isPaid (FALSE), and observations (We will be late check-in after 10pm, please help pick us up at the airport.). The 'observations' field is also highlighted with a red box.

Your Answer

=> Chrome 成功更新並正確回傳資訊



=> 在 Supabase bookings_xx 檢查剛更新的資料，並全部列出



=> CabinById.jsx 相關的 code

本題可以直接呼叫 apiBooking.jsx，不需要透過 React Query



=> apiBooking.jsx 相關的 code



=> git log

(5%) P4-4: 在 P3 題下面加入一個按鈕 Delete Reservation，可以刪除 P4-2 所建立的預訂資料

bookingId 必須是 P4-2 所建立的 id

為了節省時間，本題不須使用 React Query。

=> Chrome 成功刪除

The screenshot shows a web application for booking a cabin. The URL in the address bar is `localhost:5173/cabins_xx/1`. The main content area displays a photograph of a cozy cabin interior with large windows overlooking a forest. Below the photo, the title "Cabin 001" is displayed. A detailed description of the cabin's features and amenities follows. At the bottom of the page are three buttons: "Add Reservation", "Update Reservation", and "Delete Reservation". The "Delete Reservation" button is highlighted with a red box. To the right of the main content, the Chrome DevTools Network tab is open, showing a list of network requests. One specific request is highlighted with a red box: a DELETE request to the URL `https://ifafquhvqbvtxtzaghzf.supabase.co.../rest/v1/bookings_xx?id=eq.25`. The status code for this request is 204 No Content.

=> 在 Supabase 下 SQL 指令，顯示已經找不到刪除的資料了

The screenshot shows the Supabase dashboard. The URL in the address bar is `supabase.com/dashboard/project/ifafquhvqbvtxtza.../dev_xx`. In the main query editor area, a SQL command is entered: `select * from bookings_xx where id = 25`. This query is highlighted with a red box. Below the query, the results are shown in a table. A message in the results table states "Success. No rows returned". At the bottom right of the dashboard, there is a green "Run (CTRL + Enter)" button, which is also highlighted with a red box.

Your Answer

=> Chrome 成功寫入並正確回傳資訊

=> Chrome 成功刪除



=> 在 Supabase 下 SQL 指令，顯示已經找不到刪除的資料了



=> CabinById.jsx 相關的 code

本題可以直接呼叫 apiBooking.jsx · 不需要透過 React Query



=> apiBooking.jsx 相關的 code



=> git log