

# (70%) 113-2 Web 程式設計一 期末 final1 -- 斷網考試

2025-06-11, at E201, from 18:20~21:10

## Note:

1. final1 是斷網考試，final2 是開放網路考試
2. 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。
3. iClass 上請繳交 md\_f1\_xx.pdf, md\_f1.zip(md 壓縮檔), final\_xx.zip (code 壓縮檔)，壓縮前請將 node\_modules 全部砍掉，如果檔案太大，public 目錄下的圖片也可以砍掉
4. 請直接將答案寫在 md\_f1\_xx/md\_f1\_xx.md 上，老師出題及圖片放在 md\_f1\_htc.pdf 上，請依照老師所給的圖片來實作並標註
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。
6. 每一張圖片要有機房左側背景，圖片上要有你的學號(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. 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): (?, ?)

final1: 70% 斷網

- P1 (10%): ? 分
- P2 (10%): ? 分
- P3 (15%): ? 分
- P4 (10%): ? 分
- P5 (10%): ? 分
- P6 (5%): ? 分
- P7 (10%): ? 分

final2: 30% 開放網路

- P8 (10%): ? 分
- P9 (10%): ? 分
- P10 (20%): ? 分

總分: ? 分

## final1: 70%

### (10%) P1: 設定 local PostgreSQL，並匯入 product, user, cabin 資料

資料庫 : wp2\_final\_xx

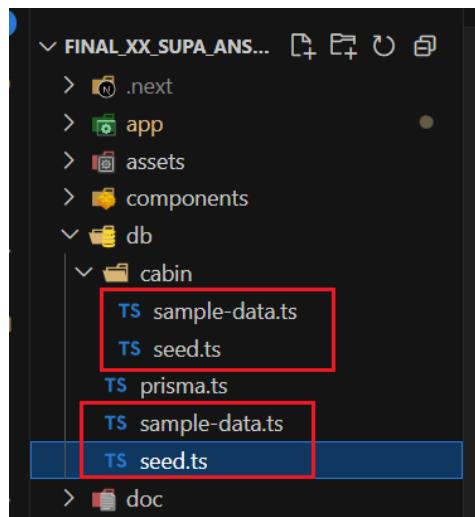
.env (DATABASE\_URL 設定)

```
DATABASE_URL="postgresql://postgres:0000@localhost:5432/wp2_final_xx"
```

執行 "npx tsx ./db/seed" 可以匯入 product 6 筆資料, user 6 筆資料，其中 user 要有兩筆出現你的名字代號，如圖之 Admin-htc, User-htc

執行 "npx tsx ./db/cabin/seed" 可以匯入 cabin 8 筆料

=> 檔案目錄



```
db > ts sample-data.ts > [o] sampleData > ⚡ users
3  const sampleData = {
4    users: [
5      {
6        name: 'Admin',
7        email: 'admin@gmail.com',
8        password: hashSync('123456', 10),
9        role: 'admin',
10       },
11      ],
12      [
13        {
14          name: 'Admin2',
15          email: 'admin2@gmail.com',
16          password: hashSync('123456', 10),
17          role: 'admin',
18        },
19        {
20          name: 'Admin-htc',
21          email: 'admin-htc@gmail.com',
22          password: hashSync('123456', 10),
23          role: 'admin',
24        },
25        {
26          name: 'User',
27          email: 'user@gmail.com',
28          password: hashSync('123456', 10),
29          role: 'user',
30        },
31        {
32          name: 'User2',
33          email: 'user2@gmail.com',
34          password: hashSync('123456', 10),
35          role: 'user',
36        },
37        {
38          name: 'User-htc',
39          email: 'user-htc@gmail.com',
40          password: hashSync('123456', 10),
41        },
42      ],
43    ],
44  ],
45}
```

## => pgAdmin 顯示資料庫名稱，product 6 筆資料

The screenshot shows the pgAdmin 4 interface. In the Object Explorer on the left, under the 'public' schema, the 'Product' table is selected. A red box highlights the 'Columns (14)' section, which lists the following columns:

- id
- name
- slug
- category
- images
- brand
- description
- stock
- price
- rating
- numReviews
- isFeatured
- banner
- createdAt

The 'User' node in the Object Explorer is also highlighted with a red box.

In the main pane, a database connection named 'public.Product/wp2\_final\_xx/postgres@PostgreSQL 16' is active. A red box highlights the connection name in the title bar. The 'Data Output' tab is selected, showing a table with 6 rows of data:

	id	name	slug	category	images
1	32bace72-a09d-413c-a9a9-7eb3002ab...	Tommy Hilfiger Classic Fit Dress Shirt	tommy-hilfiger-classic-fit-dress-shirt	Men's Dress Shirts	(/images/sar...
2	699ba5c5-3c4d-4005-a1ea-b73b2047c...	Polo Classic Pink Hoodie	polo-classic-pink-hoodie	Men's Sweatshirts	(/images/sar...
3	6c5a093a-a2ee-49e7-bbf6-bb0276346...	Polo Ralph Lauren Oxford Shirt	polo-ralph-lauren-oxford-shirt	Men's Dress Shirts	(/images/sar...
4	bf9de069-d4f6-4a21-b955-37e0055b9...	Polo Sporting Stretch Shirt	polo-sporting-stretch-shirt	Mens Dress Shirts	(https://ut.s.i...
5	f3998d01-5016-4cd3-af8d-8d0aa36baf...	Calvin Klein Slim Fit Stretch Shirt	calvin-klein-slim-fit-stretch-shirt	Men's Dress Shirts	(/images/sar...
6	fe162e50-ff84-4b9d-81bd-54faa0cf7d7d	Brooks Brothers Long Sleeved Shirt 123	brooks-brothers-long-sleeved-shirt-123	Mens Dress Shirts	(https://ut.s.i...

=> pgAdmin 顯示 user 6 筆資料

The screenshot shows the pgAdmin 4 interface. The left sidebar is titled "Object Explorer" and lists various database objects under "Tables (11)". The "User" table is selected and highlighted with a red box. The main pane displays the "User" table with 6 rows of data. The columns are: id [PK] uuid, name text, email text, and emailVerified timestamp without time zone (6). The data is as follows:

	id [PK] uuid	name	email	emailVerified
1	03434371-f190-4e55-8dd3-441f648a23...	Admin-htc	admin-htc@gmail.com	[null]
2	125e9be0-c415-4c49-8f30-6984de0024...	Admin2	admin2@gmail.com	[null]
3	2ab6945b-44e2-4ef4-adfb-b81566ab385f	User	user@gmail.com	[null]
4	a793d7a5-7d5b-4521-ac81-275899cf26...	User2	user2@gmail.com	[null]
5	d48e2077-f6f2-4a38-9209-31c3207177...	Admin	admin@gmail.com	[null]
6	df5909d2-1ea8-437f-9ef6-8905056e3a26	User-htc	user-htc@gmail.com	[null]

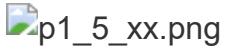
=> pgAdmin 顯示 cabins 8 筆資料

The screenshot shows the pgAdmin 4 interface. The left sidebar is titled "Object Explorer" and lists various database objects under "Tables (11)". The "Cabin" table is selected and highlighted with a red box. The main pane displays the "Cabin" table with 8 rows of data. The columns are: name text, capacity integer, price integer, discount integer, local\_img text, and remote\_img text. The data is as follows:

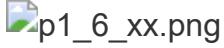
	name	capacity	price	discount	local_img	remote_img
1	001	2	250	0	/cabin/images/cabin-001.jpg	https://gywmvkqazrhsndbgytmw.supabase.co/storage/v1/object/pub
2	002	2	350	25	/cabin/images/cabin-002.jpg	https://gywmvkqazrhsndbgytmw.supabase.co/storage/v1/object/pub
3	003	4	300	0	/cabin/images/cabin-003.jpg	https://gywmvkqazrhsndbgytmw.supabase.co/storage/v1/object/pub
4	004	4	500	50	/cabin/images/cabin-004.jpg	https://gywmvkqazrhsndbgytmw.supabase.co/storage/v1/object/pub
5	005	6	300	0	/cabin/images/cabin-005.jpg	https://gywmvkqazrhsndbgytmw.supabase.co/storage/v1/object/pub
6	006	6	800	100	/cabin/images/cabin-006.jpg	https://gywmvkqazrhsndbgytmw.supabase.co/storage/v1/object/pub
7	007	8	600	100	/cabin/images/cabin-007.jpg	https://gywmvkqazrhsndbgytmw.supabase.co/storage/v1/object/pub
8	008	10	1400	0	/cabin/images/cabin-008.jpg	https://gywmvkqazrhsndbgytmw.supabase.co/storage/v1/object/pub

## Your Answer

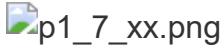
=> pgAdmin 顯示資料庫名稱，product 6 筆資料



=> pgAdmin 顯示 user 6 筆資料



=> pgAdmin 顯示 cabins 8 筆資料



## (10%) P2: 實作 TKUDemoDrawer

以 category-drawer\_xx.tsx 為參考，複製一份到 tkudemo-drawer\_xx.tsx 並修改之。

點選 Prostore\_xx 可以連到路由 /prostore\_xx, 點選 Cabins\_xx 可以連到路由 /cabins\_xx。

以上項目及連結，請放入陣列中處理。

## => 會用到的檔案目錄

The screenshot shows the VS Code interface with the following details:

- EXPLORER** view: Shows the project structure under `FINAL_XX_SUPA_ANSWER`. A red box highlights the `cabins_xx` folder and its `page.tsx` file.
- CODE** view: Displays the `page.tsx` file content. A red box highlights the `category-drawer_xx.tsx` file within the `header_xx` folder.
- STATUS BAR**: PROBLEMS 29, OUTPUT, DEBUG CONSOLE, TERMINAL (underlined), SPELL CHECKER 28.
- TERMINAL** view: An empty terminal window.

```
app > (root) > cabins_xx > page.tsx > CabinsPage_xx
5
6  export default async function CabinsPage_xx() {
7    // const cabins = [];
8    const cabins = await getCabins();
9    console.log('cabins', JSON.stringify(cabins));
10
11   return (
12     <div>
13       <h1 className='text-4xl mb-5 text-accent-400 font-medium'>
14         Our Luxury Cabins
15       </h1>
16       <p className='text-primary-200 text-lg mb-10'>
17         Cozy yet luxurious cabins, located right in
18         the heart of the Italian
19         Dolomites. Imagine waking up to beautiful
20         mountain views, spending your
21         days exploring the dark forests around, or
22         just relaxing in your private
23         hot tub under the stars. Enjoy nature's
24         beauty in your own little
         home away from home. The perfect spot for a
         peaceful, calm vacation.
         Welcome to paradise.
      </p>

```

=> Chrome 顯示 category-drawer\_xx.tsx

A screenshot of a web browser window displaying a shopping interface. The address bar shows 'localhost:3000/prostore\_xx'. The page features a sidebar on the left titled 'Select a category' containing links for 'Men's Sweatshirts (1)' and 'Men's Dress Shirts (5)'. The main content area displays four product cards in a grid. The first card is partially visible on the left. The second card shows a brown plaid shirt from Brooks Brothers, priced at \$59.99, with a 5-star rating. The third card shows a light-colored plaid shirt from Tommy Hilfiger, priced at \$85.90, with a 5-star rating. The fourth card shows a dark green shirt from Calvin Klein, priced at \$39.95, with a 5-star rating. A cart icon and a sign-in button are visible in the top right corner.

=> Chrome 顯示 tkudemo-drawer\_xx.tsx

A screenshot of a web browser window displaying a shopping interface. The address bar shows 'localhost:3000/prostore\_xx'. The page features a sidebar on the left titled 'Select a tkudemo' containing links for 'Cabins\_xx' and 'Prostore\_xx'. The main content area displays four product cards in a grid. The first card is partially visible on the left. The second card shows a brown plaid shirt from Brooks Brothers, priced at \$59.99, with a 5-star rating. The third card shows a light-colored plaid shirt from Tommy Hilfiger, priced at \$85.90, with a 5-star rating. The fourth card shows a dark green shirt from Calvin Klein, priced at \$39.95, with a 5-star rating. A cart icon and a sign-in button are visible in the top right corner.

=> Chrome 顯示 點選 Prostore\_xx 會連到 /prostore\_xx

The screenshot shows a shopping website interface. At the top, there's a navigation bar with icons for iClass, Gmail, EN, Cal, YouTube, Teams, P1, Web, TKU, HTC, A1, and a search bar. Below the navigation bar, there are two buttons: a white one with three horizontal lines and a yellow one with a shopping bag icon. To the right of these buttons are a sun icon, a cart icon labeled 'Cart', and a 'Sign In' button. The main content area features a heading 'Newest Arrival' followed by four product cards. Each card displays a shirt image, the brand name, the product name, a star rating, the price, and a status indicator. The products are:

- Polo Polo Sporting Stretch Shirt: 5 stars, \$59.99
- Brooks Brothers Brooks Brothers Long Sleeved Shirt: 4 stars, \$85.90
- Tommy Hilfiger Tommy Hilfiger Classic Fit Dress Shirt: 5 stars, Out Of Stock
- Calvin Klein Calvin Klein Slim Fit Stretch Shirt: 5 stars, \$39.95

=> Chrome 顯示 點選 Cabins\_xx 會連到 /cabins\_xx

The screenshot shows a website for 'The Wild Oasis'. At the top, there's a navigation bar with icons for iClass, Gmail, EN, Cal, YouTube, Teams, P1, Web, TKU, HTC, A1, and a search bar. Below the navigation bar, there are two buttons: a red one with three horizontal lines and a green one with a mountain icon. To the right of these buttons are three links: 'Cabins\_xx', 'About\_xx', and 'GuestArea\_xx'. The main content area features a heading 'Our Luxury Cabins' followed by a paragraph of text describing the cabins.

=> 直接附上 tkudemo-drawer\_xx.tsx code

目前顯示的 code 是 category-drawer\_xx.tsx

```
import { Button } from '@/components/ui/button';
import {
  Drawer,
  DrawerClose,
  DrawerContent,
  DrawerHeader,
  DrawerTitle,
  DrawerTrigger,
} from '@/components/ui/drawer';
import { getAllCategories } from '@/lib/actions/product.actions_xx';
import { MenuIcon } from 'lucide-react';
import Link from 'next/link';

const CategoryDrawer_xx = async () => {
  const categories = await getAllCategories();

  return (
    <Drawer direction='left'>
      <DrawerTrigger asChild>
        <Button variant='outline'>
          <MenuIcon />
        </Button>
      </DrawerTrigger>
      <DrawerContent className='h-full max-w-sm'>
        <DrawerHeader>
          <DrawerTitle>Select a category</DrawerTitle>
          <div className='space-y-1 mt-4'>
            {categories.map((x) => (
              <Button
                variant='ghost'
                className='w-full justify-start'
                key={x.category}
                asChild
              >
                <DrawerClose asChild>
                  <Link href={`/search?category=${x.category}`}>
                    {x.category} ({x._count})
                  </Link>
                </DrawerClose>
              </Button>
            )));
          </div>
        </DrawerHeader>
      </DrawerContent>
    </Drawer>
  );
}

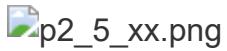
export default CategoryDrawer_xx;
```

```
</DrawerContent>
</Drawer>
);
};

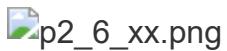
export default CategoryDrawer_xx;
```

## Your Answer

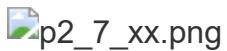
=> Chrome 顯示 **tkudemo-drawer\_xx.tsx**



=> Chrome 顯示 點選 Prostore\_xx 會連到 /prostore\_xx



=> Chrome 顯示 點選 Cabins\_xx 會連到 /cabins\_xx

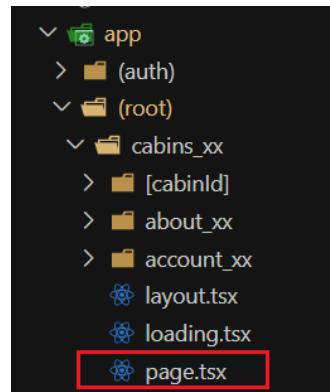


=> 直接附上 tkudemo-drawer\_xx.tsx code

直接附上 tkudemo-drawer\_xx.tsx code

# (15%) P3: 實作 /cabins\_xx，要從 local PostgreSQL 取得 cabin 8 筆資料，並能顯示

=> 檔案目錄



The screenshot displays the Visual Studio Code interface with the following components:

- EXPLORER**: Shows the project structure. A red box highlights the **cabins** folder under **app**, and another red box highlights the **lib** folder.
- EDITOR**: The active tab is **cabin.actions\_xx.ts**. The code in the editor is as follows:

```
client';
import { Prisma } from '@/lib/generated/prisma/client';
import { convertToPlainObject, formatError } from '@/lib/utils';
import { revalidatePath } from 'next/cache';
import { z } from 'zod';
import { insertCabinSchema, updateCabinSchema } from '../validator';

const prisma = new PrismaClient();

// Get all cabins
export async function getCabins() {
}

// Get single cabin by it's ID
export async function getCabinById(productId: string) {
}

// Delete a cabin
export async function deleteCabin(id: string) {
}

// Update a cabin
export async function updateCabin(data: z.infer<typeof updateCabinSchema>) {
}

// Create a cabin
export async function createCabin(data: z.infer<typeof insertCabinSchema>) {
}
```

- TERMINAL**: Shows the output of two API requests:

```
> GET /cabins_xx 200 in 173ms
GET /cabins_xx 200 in 175ms
```

=> Chrome 顯示

The Wild Oasis

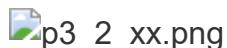
## Our Luxury Cabins

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.

 <b>Cabin 001</b> For up to 2 guests <b>\$250</b> / night <a href="#">Details &amp; reservation →</a>	 <b>Cabin 002</b> For up to 2 guests <b>\$325</b> <del>\$350</del> / night <a href="#">Details &amp; reservation →</a>
 <b>Cabin 003</b> For up to 4 guests <b>\$300</b> / night <a href="#">Details &amp; reservation →</a>	 <b>Cabin 004</b> For up to 4 guests <b>\$450</b> <del>\$500</del> / night <a href="#">Details &amp; reservation →</a>
 <b>Cabin 005</b> For up to 6 guests <b>\$300</b> / night <a href="#">Details &amp; reservation →</a>	 <b>Cabin 006</b> For up to 6 guests <b>\$700</b> <del>\$800</del> / night <a href="#">Details &amp; reservation →</a>

Your Answer

=> Chrome 顯示



=> 顯示 /cabin\_xx/page.js 之 code 重點

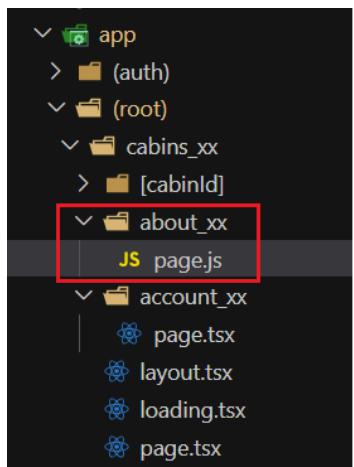
顯示 /cabin\_xx/page.js 之 code 重點

=> 顯示 /lib/cabins/cabin\_actions\_xx.ts 相關 code

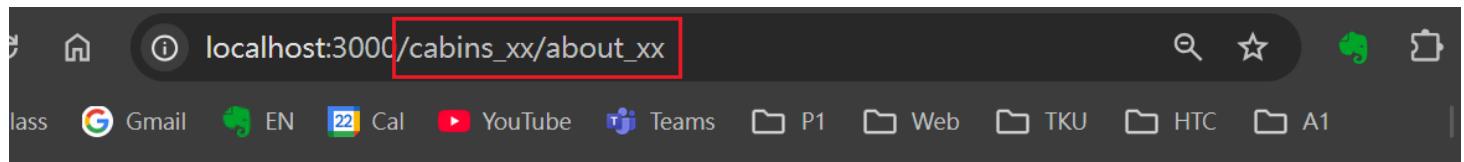
顯示 /lib/cabins/cabin\_actions\_xx.ts 相關 code

## (10%) P4: 實作 /cabins\_xx/about\_xx

=> 會用到的檔案目錄



## => Chrome 顯示



## 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

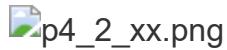
Since 1962, The Wild Oasis has been a cherished family-run retreat. Started by our grandparents, this haven has been nurtured with love and care, passing down through our family as a testament to our dedication to creating a warm, welcoming environment.

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

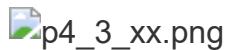


## Your Answer

### => Chrome 顯示



### => 顯示第一張圖片 code 之截圖



# (10%) P5: 以 admin 身分登入，實作 Cabins CRUD 整體顯示畫面

=> 會用到的檔案目錄

The screenshot shows the VS Code interface with the following details:

- EXPLORER:** Shows the project structure under "FINAL\_XX SUPA ANSWER". A red box highlights the "admin" folder under "cabins". Inside "cabins", there are "create", "[id]", and "page.tsx".
- CODE EDITOR:** The current file is "page.tsx" located at "app/admin/cabins".

```
10 } from '@/components/ui/table';
11 import { formatId } from '@/lib/utils';
12 import { Button } from '@/components/ui/button';
13 import Link from 'next/link';
14 import Pagination from '@/components/shared/pagination';
15 import { Badge } from '@/components/ui/badge';
16 import DeleteDialog from '@/components/shared/delete-dialog_xx';
17 import { requireAdmin } from '@/lib/auth.guard';
18
19 export const metadata: Metadata = {
20   title: 'Admin Cabins',
21 };
22
23 const AdminCabinPage = async (props: {
24   searchParams: Promise<...
25   }>;
26 }) => {
27   await requireAdmin();
28
29   const { page = '1', query: searchText } = await
30     props.searchParams;
31
32   const cabins = await getCabins();
33   console.log('cabins', cabins);
34
35   return (
36     ...
37   );
38 }
39
40
41
42
43
44
```

A red box highlights the entire code block.

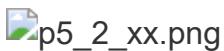
=> Chrome 顯示

Cabins\_xx

ID	NAME	Capacity	Price	Discount	Local Image	ACTIONS
.6de874	001	2	250	0	/cabin/images/cabin-001.jpg	<button>Edit</button> <button>Delete</button>
.5ef0ea	002	2	350	25	/cabin/images/cabin-002.jpg	<button>Edit</button> <button>Delete</button>
.fdac0a	003	4	300	0	/cabin/images/cabin-003.jpg	<button>Edit</button> <button>Delete</button>
.8dad9	004	4	500	50	/cabin/images/cabin-004.jpg	<button>Edit</button> <button>Delete</button>
.cff4dd	005	6	300	0	/cabin/images/cabin-005.jpg	<button>Edit</button> <button>Delete</button>
.d2eb78	006	6	800	100	/cabin/images/cabin-006.jpg	<button>Edit</button> <button>Delete</button>
.9a992e	007	8	600	100	/cabin/images/cabin-007.jpg	<button>Edit</button> <button>Delete</button>
.f847d9	008	10	1400	0	/cabin/images/cabin-008.jpg	<button>Edit</button> <button>Delete</button>

## Your Answer

=> Chrome 顯示



=> 顯示 /admin/cabins/page.tsx code

顯示 /admin/cabins/page.tsx code

## (5%) P6: 以 admin 身分登入，實作 Cabins CRUD 之 Delete 功能

=> 會用到的檔案目錄



=> Chrome，點選刪除 008 出現的畫面

The screenshot shows a table of cabin data in a web application. Cabin 008 is selected, and a modal dialog box is displayed over the table. The dialog box contains the text "Are you absolutely sure?" and "This action cannot be undone". It has two buttons: "Cancel" and "Delete". The "Delete" button is highlighted with a red box. The entire modal and the row containing cabin 008 are also highlighted with a red box.

ID	NAME	Capacity	Price	Discount	Local Image	ACTIONS
..6de874	001	2	250	0	/cabin/images/cabin-001.jpg	<button>Edit</button> <button>Delete</button>
..5ef0ea	002	2	350	25	/cabin/images/cabin-002.jpg	<button>Edit</button> <button>Delete</button>
..fdac0a	003	4	300	0	/cabin/images/cabin-003.jpg	<button>Edit</button> <button>Delete</button>
..8dadb9	004	4	500	50	/cabin/images/cabin-004.jpg	<button>Edit</button> <button>Delete</button>
..cff4dd	005	6	300	0	/cabin/images/cabin-005.jpg	<button>Edit</button> <button>Delete</button>
..d2eb78	006	6	800	100	/cabin/images/cabin-006.jpg	<button>Edit</button> <button>Delete</button>
..9a992e	007	8	600	100	/cabin/images/cabin-007.jpg	<button>Edit</button> <button>Delete</button>
..f847d9	008	10	1400	0	/cabin/images/cabin-008.jpg	<button>Edit</button> <button>Delete</button>

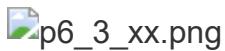
=> Chrome, 刪除 008 後顯示的畫面

The screenshot shows the same table of cabin data after cabin 008 has been deleted. Cabin 008 is no longer present in the list. The row for cabin 008 is highlighted with a red box. The "Delete" button for cabin 008 in the previous screenshot is also highlighted with a red box.

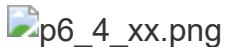
ID	NAME	Capacity	Price	Discount	Local Image	ACTIONS
..6de874	001	2	250	0	/cabin/images/cabin-001.jpg	<button>Edit</button> <button>Delete</button>
..5ef0ea	002	2	350	25	/cabin/images/cabin-002.jpg	<button>Edit</button> <button>Delete</button>
..fdac0a	003	4	300	0	/cabin/images/cabin-003.jpg	<button>Edit</button> <button>Delete</button>
..8dadb9	004	4	500	50	/cabin/images/cabin-004.jpg	<button>Edit</button> <button>Delete</button>
..cff4dd	005	6	300	0	/cabin/images/cabin-005.jpg	<button>Edit</button> <button>Delete</button>
..d2eb78	006	6	800	100	/cabin/images/cabin-006.jpg	<button>Edit</button> <button>Delete</button>
..9a992e	007	8	600	100	/cabin/images/cabin-007.jpg	<button>Edit</button> <button>Delete</button>

## Your Answer

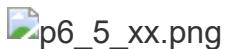
=> Chrome，點選刪除 008 出現的畫面



=> Chrome, 刪除 008 後顯示的畫面



=> 顯示 Delete 相關 code 截圖



## (10%) P7: 以 admin 身分登入，實作 Cabins CRUD 之 Edit 功能

=> 會用到的檔案目錄

The screenshot shows a code editor with the following details:

- EXPLORER:** Shows the project structure:
  - FINAL\_XX\_SUPA\_ANSWER
  - app
  - admin
  - cabins
  - [id]
  - page.tsx
  - update-cabin-form\_xx.tsx
- CODE EDITOR:** Displays the `page.tsx` file content for the `[id]` route of the `cabins` component.

```
import { Metadata } from 'next';
import UpdateCabinForm_xx from './update-cabin-form_xx';
import { getCabinById } from '@/lib/cabins/cabin.actions_xx';
import notFound from '@/app/not-found';

export const metadata: Metadata = {
  title: 'Update Cabin',
};

const UpdateCabinPage_xx = async (props: {
  params: Promise<{
    id: string;
  }>;
}) => {
  const { id } = await props.params;
  const cabin = await getCabinById(id);
  // console.log('cabin', cabin);
  // console.log('typeof product', typeof cabin);
  if (!cabin) notFound();
  return (
    ...
  );
};

export default UpdateCabinPage_xx;
```

=> Chrome，點選 Edit 007 出現的畫面

將 Price 改成 700, Discount 改成 200

localhost:3000/admin/cabins/bd701c5d-4072-4e51-ba69-...

Update Cabin\_xx

Name: 007

Max Capacity: 8

Price: 700

Discount: 200

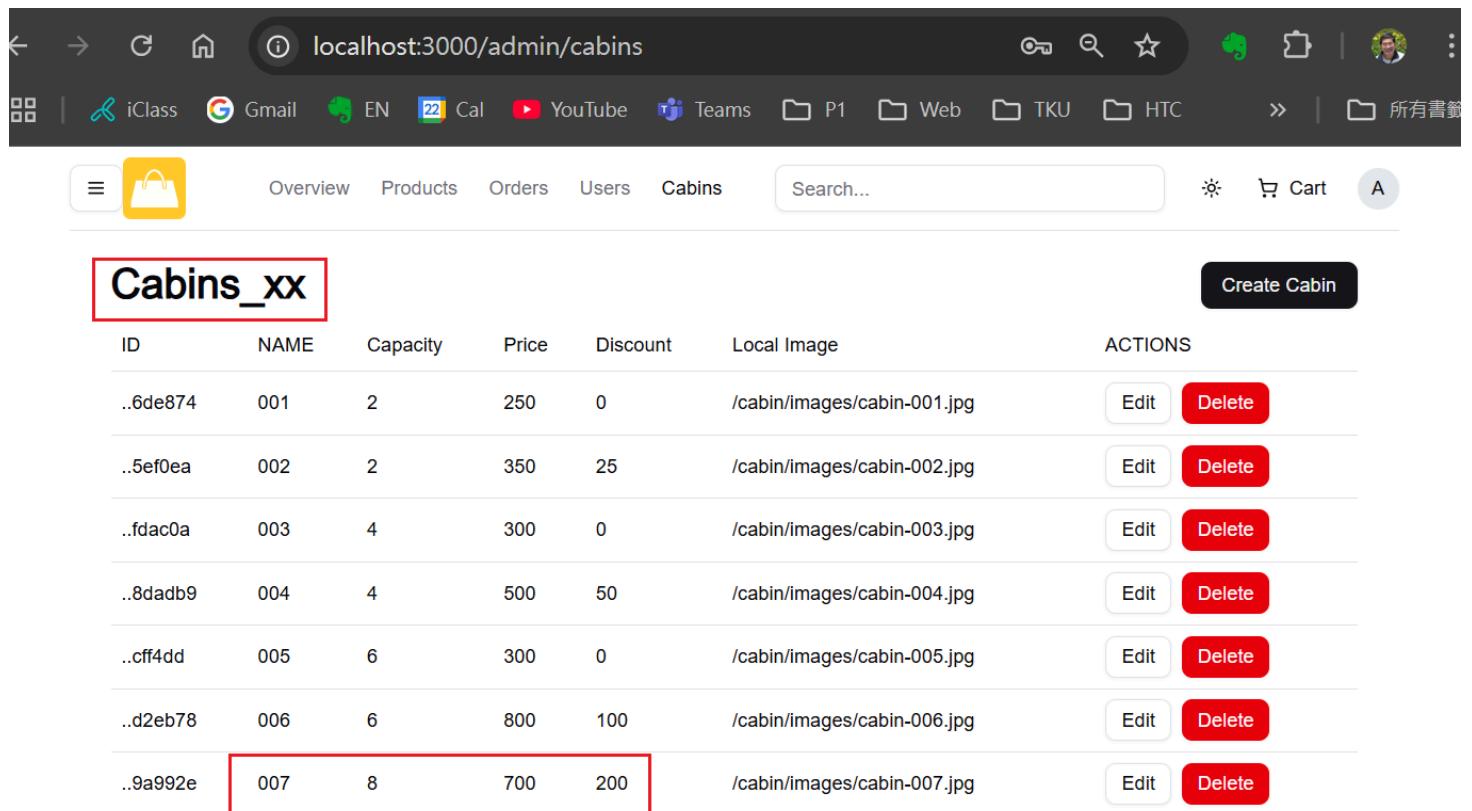
Local Image URL: /cabin/images/cabin-007.jpg

Description:

Accommodate your large group or multiple families in the spacious and grand wooden cabin 007. Designed to comfortably fit up to 8 people, this cabin offers a secluded retreat in the heart of beautiful forests and mountains. Inside, the cabin features warm and inviting interiors crafted from quality wood, multiple living areas with fireplace, and a fully-equipped kitchen. The bedrooms are comfortable and equipped with en-suite bathrooms. The cabin has a private deck with a hot tub and outdoor seating area, perfect for taking in the natural surroundings.

Update Product

=> Chrome, 修改 007 後顯示的畫面



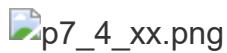
The screenshot shows a web browser window with the URL `localhost:3000/admin/cabins`. The page title is "Cabins\_xx". A navigation bar at the top includes links for Overview, Products, Orders, Users, Cabins, and a search bar. On the right side of the header are icons for brightness, cart, and user profile. Below the header is a table with columns: ID, NAME, Capacity, Price, Discount, Local Image, and ACTIONS (Edit and Delete buttons). Cabin 007 (ID ..9a992e) has its row highlighted with a red border. The table data is as follows:

ID	NAME	Capacity	Price	Discount	Local Image	ACTIONS
..6de874	001	2	250	0	/cabin/images/cabin-001.jpg	<button>Edit</button> <button>Delete</button>
..5ef0ea	002	2	350	25	/cabin/images/cabin-002.jpg	<button>Edit</button> <button>Delete</button>
..fdac0a	003	4	300	0	/cabin/images/cabin-003.jpg	<button>Edit</button> <button>Delete</button>
..8dad9b	004	4	500	50	/cabin/images/cabin-004.jpg	<button>Edit</button> <button>Delete</button>
..cff4dd	005	6	300	0	/cabin/images/cabin-005.jpg	<button>Edit</button> <button>Delete</button>
..d2eb78	006	6	800	100	/cabin/images/cabin-006.jpg	<button>Edit</button> <button>Delete</button>
..9a992e	007	8	700	200	/cabin/images/cabin-007.jpg	<button>Edit</button> <button>Delete</button>

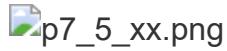
## Your Answer

=> Chrome , 點選 Edit 007 出現的畫面

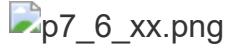
將 Price 改成 700, Discount 改成 200



=> Chrome, 修改 007 後顯示的畫面



=> 顯示 updateCabin 相關 code 截圖



=> 顯示 update-cabin-form\_xx.tsx code

顯示 /admin/cabins/[id]/update-cabin-form\_xx.tsx code