

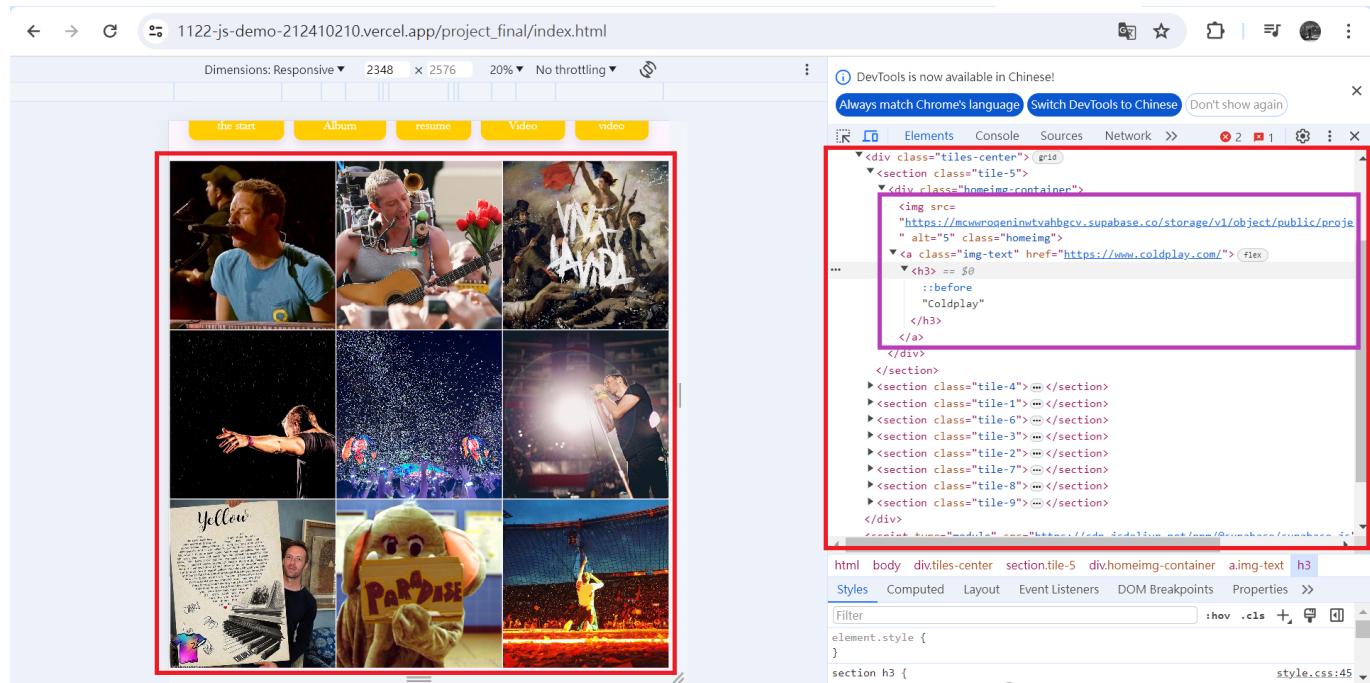
My Github URL

Vercel

API Project 簡要說明

重點 1

建立圖片資料、排列圖片，並加入簡易動畫 & 連結



CSS

```

.project {
    font-size: 15vw;
    margin: 1em auto;
    margin-bottom: 2vw;
    margin-top: 0.1rem;
    width: 70%;
    text-transform: uppercase;
    text-align: center;
}

section h2::before {
    content: "";
    border-bottom: 1vw solid black;
    display: block;
}

section h3 {
    justify-content: center;
    align-items: center;
    font-size: 4vw;
    margin-bottom: 1.2vw;
    margin-top: 0.1vw;
    width: 100%;
    color: #FFA2F3;
    text-align: center;
    font-family: "mrs-eaves", "Baskerville Old Face", cursive;
}

section h3::before {
    content: "";
    display: block;
}

.tiles-center {
    object-fit: cover;
    display: grid;
    margin: 0 auto;
    grid-template-areas:
        "a b c"
        "d i e"
        "f g h";
}

.tiles-center img {
    display: block;
    width: 100%;
    height: 100%;
    object-fit: cover;
}

```

JavaScript

```

1122-JS-DEMO-212410210/ex.html project_10.md # style.css JS projectjs x ...
project_final.js > JS projectjs > displayprojects > tilescenters > projects.map
61 const displayprojects = (projects) => {
62   let tilescenters = projects.map((project) => [
63     const { name, id, img, link } = project;
64     return (
65       <section class="tile-${id}">
66         <div class="homeimg-container">
67           
68           <a class="img-text" href="${link}">
69             ${name}</h3></a>
70         </div>
71       </section>
72     );
73   ]);
74   tilesCenter.innerHTML = tilescenters;
75
76 const images = document.querySelectorAll('.homeimg-container');
77 images.forEach(imageContainer => {
78   const imgText = imageContainer.querySelector('.img-text');
79   imageContainer.addEventListener('mouseenter', () => {
80     imgText.classList.add('visible');
81   });
82   imageContainer.addEventListener('mouseleave', () => {
83     imgText.classList.remove('visible');
84   });
85 });
86
87
88 const switchVideoBtn = document.querySelector('.switch-video-btn');
89 const videoSection = document.querySelector('.video');
90
91 switchVideoBtn.addEventListener('click', () => {
92   videoSection.classList.toggle('switch-video');
93 });
94
95 document.addEventListener('DOMContentLoaded', async () => {
96   project_10 = await getprojectsSupabase_10();
97   console.log('Loaded project_10', project_10);
98   displayprojects(project_10);
99 });
100

```

Ln 66, Col 24 Spaces: 2 UTF-8 CRLF { JavaScript Go Live Prettier

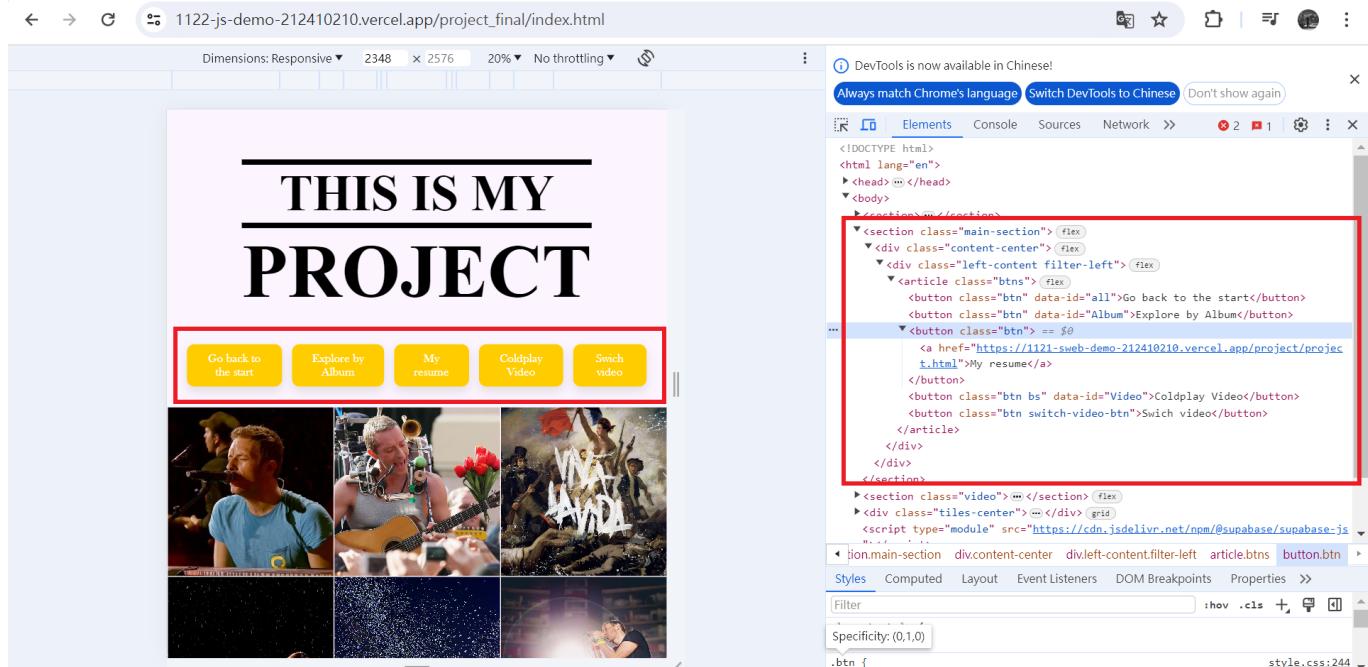
Supabase

supabase.com/dashboard/project/mcwwroqeninwtvahbgcv/editor/30153?sort=id%3Aasc

	id	name	img	link	video
1	The scientist	https://mcwwroqeninwtvahbgcv.supabas...	https://youtu.be/rLm_aSP369M?si=2OHi...	<h3>The scientist (Live i	
2	A sky full of stars	https://mcwwroqeninwtvahbgcv.supabas...	https://youtu.be/hCc9_lTPBf4?si=v9CkU...	<h3>A sky full of stars</	
3	Viva La Vida	https://mcwwroqeninwtvahbgcv.supabas...	https://youtu.be/-ZvsGmYKhU?si=OdNr...	<h3>Viva La Vida (Live I	
4	Timeline	https://mcwwroqeninwtvahbgcv.supabas...	https://timeline.coldplay.com/	<h3>Charlie Brown (Live	
5	Coldplay	https://mcwwroqeninwtvahbgcv.supabas...	https://www.coldplay.com/	<h3>In My Place (Live o	
6	Yellow	https://mcwwroqeninwtvahbgcv.supabas...	https://youtu.be/mRP72lb2e9I?si=nAbVZ...	<h3>Yellow (Live in Mac	
7	Paradise	https://mcwwroqeninwtvahbgcv.supabas...	https://youtu.be/QKcxhQZxvdw?si=KzoZ...	<h3>Paradise (Live 2012	
8	Fix you	https://mcwwroqeninwtvahbgcv.supabas...	https://youtu.be/n9aL0otZalc?si=PhkhM...	<h3>Fix you (Live at She	
9	My resume	https://mcwwroqeninwtvahbgcv.supabas...	https://1121-sweb-demo-212410210.vercel...	<h3>Higher Power (Live	

重點 2

Btn 建立 & 連結



HTML

```

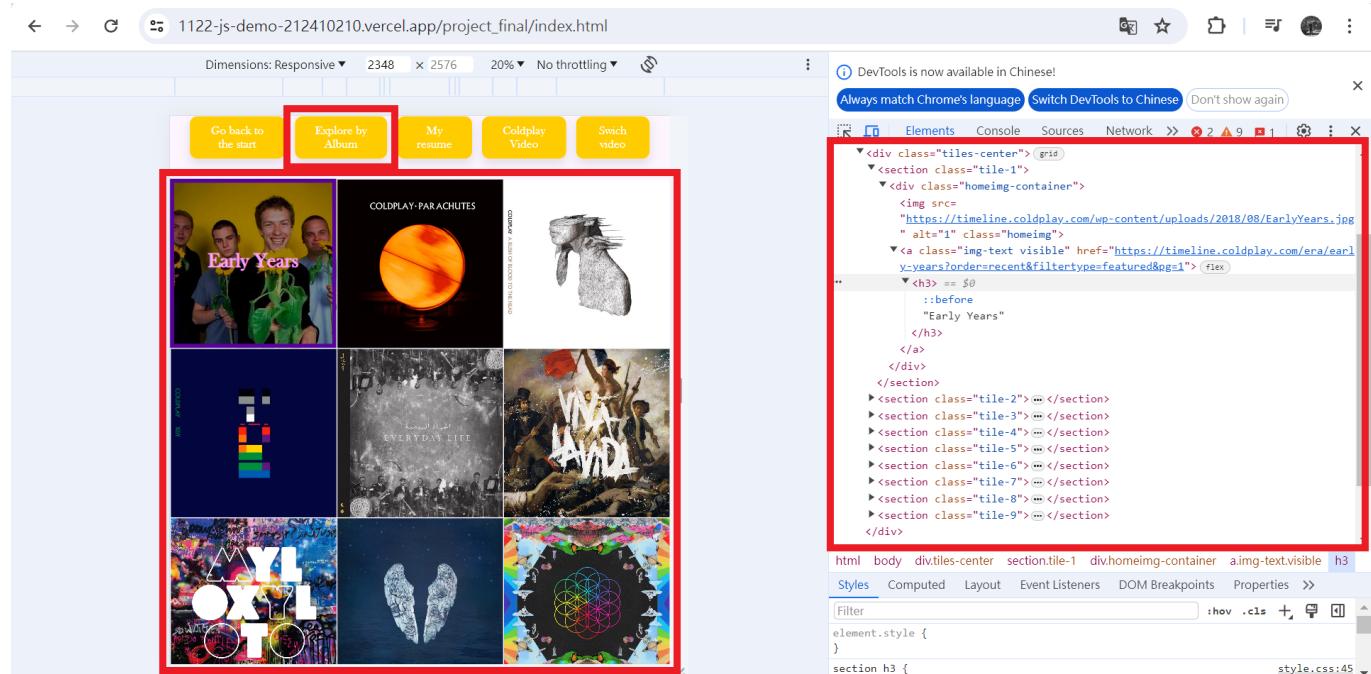
<h1>This is My</h1>
<h2><a href="https://1121-sweb-demo-212410210.vercel.app/project/project.html" class="project">project</a></h2>
<section class="main-section">
  <div class="content-center">
    <div class="left-content filter-left">
      <article class="btns">
        <button class="btn" data-id="all">Go back to the start</button>
        <button class="btn" data-id="Album">Explore by Album</button>
        <button class="btn" data-id="resume">My resume</a>
        <button class="btn bs" data-id="Video">Coldplay Video</button>
        <button class="btn switch-video-btn">Switch video</button>
      </article>
    </div>
  </div>
</section>
<section class="video">
  <div id="video-container"></div>
</section>

```

JavaScript

重點 3

圖片、資料 置換



JavaScript

```

1 import { _supabase } from './clientSupabase_10.js';
2
3 let project_10 = [];
4 let currentVideoIndex = 0;
5
6 const getprojectsSupabase_10 = async () => {
7   try {
8     let { data, error } = await _supabase.from
9       ('project_10').select('*');
10    if (error) throw error;
11    console.log('project data', data);
12    return data;
13  } catch (error) {
14    console.error('Error fetching projects:', error);
15    return [];
16  }
17}
18
19const getAlbumSupabase = async () => {
20  try {
21    let { data, error } = await _supabase.from
22      ('Album').select('*');
23    if (error) throw error;
24    console.log('album data', data);
25    return data;
26  } catch (error) {
27    console.error('Error fetching albums:', error);
28    return [];
29  }
30}
31
32const tilesCenter = document.querySelector('.tiles-center');
33const videoContainer = document.querySelector
34  ('#video-container');
35const Btn = document.querySelectorAll('.btn');
36
37Btn.forEach((btn) => {
38  btn.addEventListener('click', async (e) => {
39    const Name = e.currentTarget.dataset.id;
40    console.log('Name', Name);
41    if (Name === 'Video') {
42      displayNextVideo();
43    } else {
44      let project = [];
45      if (Name === 'Album') {
46        project = await getAlbumSupabase();
47      } else {
48        project = await getprojectsSupabase_10();
49      }
50      console.log(`${Name} project`, project);
51      displayprojects(project);
52    }
53  });
54}
55
56const displayNextVideo = () => {
57}
58
59const displayprojects = (projects) => {
60}
61

```

Supabase

	id	date	name	img	link
1	1	1998-2000	Early Years	https://timeline.coldplay.com/wp-content	https://timeline.coldplay.com/era/early-years
2	2	2000-2002	Parachutes	https://timeline.coldplay.com/wp-content	https://timeline.coldplay.com/era/parachutes
3	3	2002-2005	A Rush Of Blood To The Head	https://timeline.coldplay.com/wp-content	https://timeline.coldplay.com/era/a-rush-of-blood-to-the-head
4	4	2005-2008	X&Y	https://timeline.coldplay.com/wp-content	https://timeline.coldplay.com/era/x-y
5	5	2008-2011	Viva La Vida	https://timeline.coldplay.com/wp-content	https://timeline.coldplay.com/era/viva-la-vida
6	6	2011-2014	Mylo Xyloto	https://timeline.coldplay.com/wp-content	https://timeline.coldplay.com/era/mylo-xyloto
7	7	2014-2015	Ghost Stories	https://timeline.coldplay.com/wp-content	https://timeline.coldplay.com/era/ghost-stories
8	8	2015-2019	A Head Full Of Dreams	https://timeline.coldplay.com/wp-content	https://timeline.coldplay.com/era/a-head-full-of-dreams
9	9	2019-2020	Everyday Life	https://timeline.coldplay.com/wp-content	https://timeline.coldplay.com/era/everyday-life

重點 4

引入 Youtube 嵌入式影片

The screenshot shows a web page titled "THIS IS MY PROJECT". At the top, there are five buttons: "Go back to the start", "Explore by Album", "My resume", "Coldplay Video", and "Switch video". The "Coldplay Video" button is highlighted with a red box. Below the buttons is a video player showing a performance of "Charlie Brown (Live in Madrid 2011)". The video player has a red border around its frame. At the bottom of the page are small thumbnail images of album covers and a photo of the band members.

JavaScript

```

project_final > js > project.js > displayprojects
  1 import { _supabase } from './clientSupabase_10.js';
  2
  3 let project_10 = [];
  4 let currentVideoIndex = 0;
  5
  6 const getprojectsSupabase_10 = async () => {
  7   try {
  8     let { data, error } = await _supabase.from
  9       ('project_10').select('*');
 10     if (error) throw error;
 11     console.log('project data', data);
 12     return data;
 13   } catch (error) {
 14     console.error('Error fetching projects:', error);
 15     return [];
 16   }
 17 }

 18 const getAlbumSupabase = async () => {
 19   try {
 20     let { data, error } = await _supabase.from
 21       ('Album').select('*');
 22     if (error) throw error;
 23     console.log('album data', data);
 24     return data;
 25   } catch (error) {
 26     console.error('Error fetching albums:', error);
 27     return [];
 28   }
}

const displayNextVideo = () => {
  if (project_10.length === 0) return;

  currentVideoIndex = (currentVideoIndex + 1) %
    project_10.length;
  const nextVideo = project_10[currentVideoIndex].video;
  videoContainer.innerHTML = nextVideo;
};

const displayprojects = (projects) => {
  ...
};

const switchVideoBtn = document.querySelector('.switch-video-btn');
const videoSection = document.querySelector('.video');

switchVideoBtn.addEventListener('click', () => {
  videoSection.classList.toggle('switch-video');
});

document.addEventListener('DOMContentLoaded', async () => {
  project_10 = await getprojectsSupabase_10();
  console.log('Loaded project_10', project_10);
  displayprojects(project_10);
});

```

Supabase

Table Editor

schema: public

Sorted by 1 rule

Insert

Auth policy role postgres Realtime off API Docs

	id int8	link text
	1	vroqeninwtvahbgcv.supabas https://youtu.be/rLm_aSP369M?si=2OH
	2	vroqeninwtvahbgcv.supabas https://youtu.be/hCc9_ITPB4?si=v9CkU
	3	vroqeninwtvahbgcv.supabas https://youtu.be/-ZvsGmYKhcU?si=OdN
	4	vroqeninwtvahbgcv.supabas https://timeline.coldplay.com/
	5	vroqeninwtvahbgcv.supabas https://www.coldplay.com/
	6	vroqeninwtvahbgcv.supabas https://youtu.be/mRP72lb2e9l?si=nAbVZ
	7	vroqeninwtvahbgcv.supabas https://youtu.be/QKcxhQZxvdw?si=KzoZ
	8	vroqeninwtvahbgcv.supabas https://youtu.be/n9aLootZalc?si=PhkhM
	9	vroqeninwtvahbgcv.supabas https://1121-sweb-demo-212410210.vercel

video text

```

<h3>The scientist (Live in Madrid 2011)</h3>
<h3>A sky full of stars</h3> <iframe width="100%" height="640" src="https://www.youtube.com/embed/KhKxtv1FiUM?si=c2bWFYvKsNhxhkT&start=172" style="border:none; border-radius:10px; margin-top:10px;"></iframe>
<h3>Viva La Vida (Live In São Paulo)</h3>
<h3>Charlie Brown (Live in Madrid 2011)</h3>
<h3>In My Place (Live on Letterman)</h3>
<h3>Yellow (Live in Madrid 2011)</h3> <iframe width="100%" height="640" src="https://www.youtube.com/embed/0JzXWfjyDg?si=KoOOGHdIwPjBzJF" style="border:none; border-radius:10px; margin-top:10px;"></iframe>
<h3>Paradise (Live 2012 from Paris)</h3>
<h3>Fix you (Live at Shepherd's Bush Empire)</h3>
<h3>Higher Power (Live at The BRIT Awards 2012)</h3>

```

重點 5

重整 & 影片顯示

1122-js-demo-212410210.vercel.app/project_final/index.html

Dimensions: Responsive 2348 x 2576 20% No throttling

THIS IS MY PROJECT

Go back to the start Explore by Album My resume Coldplay Video Switch video

Switch video

DevTools is now available in Chinese!

Always match Chrome's language Switch DevTools to Chinese Don't show again

Elements Console Sources

```

<!DOCTYPE html>
<html lang="en">
  <head> ...
  <body>
    <section> ...
    <section class="main-section"> ...
      <div id="video-container">
        <h3>Charlie Brown (Live in Madrid 2011)</h3>
        <iframe width="100%" height="640" src="https://www.youtube.com/embed/KhKxtv1FiUM?si=c2bWFYvKsNhxhkT&start=172" style="border:none; border-radius:10px; margin-top:10px;"></iframe>
      </div>
    </section>
  </body>
</html>

```

.switch-video { display: none; }

CSS & JavaScript

The screenshot shows the Visual Studio Code interface with three tabs open: ex.html, project_10.md, and JS project.js. The project_10.md file contains a single line of text. The style.css file contains the following CSS code:

```

    .video {
        display: flex;
        justify-content: center;
        align-items: center;
        width: 100%;
        height: 100%;
    }

    .switch-video {
        display: none;
    }

    iframe {
        background-color: #25367c;
        padding-bottom: 2vw;
        padding-top: 2vw;
        width: 72vw;
        height: 40vw;
    }

```

The project.js file contains the following JavaScript code, with the section from line 88 onwards highlighted by a red box:

```

const displayNextVideo = () => {
    const nextVideo = project_10[currentVideoIndex];
    video;
    videoContainer.innerHTML = nextVideo;
};

const displayProjects = (projects) => {

const switchVideoBtn = document.querySelector('.switch-video-btn');
const videoSection = document.querySelector('.video');

switchVideoBtn.addEventListener('click', () => {
    videoSection.classList.toggle('switch-video');
});

document.addEventListener('DOMContentLoaded', async () => {
    project_10 = await getProjectsSupabase_10();
    console.log('Loaded project_10', project_10);
    displayProjects(project_10);
});
}

```

API 資料及網路資源來源說明

網路資源來源 1

圖片 & 影片

[Coldplay](#)

[Coldplay timeline](#)

網路資源來源 2

程式碼校正

[ChatGPT](#)

後端 Supabase 資料庫設計

SQL schema and data

=> **table 1**

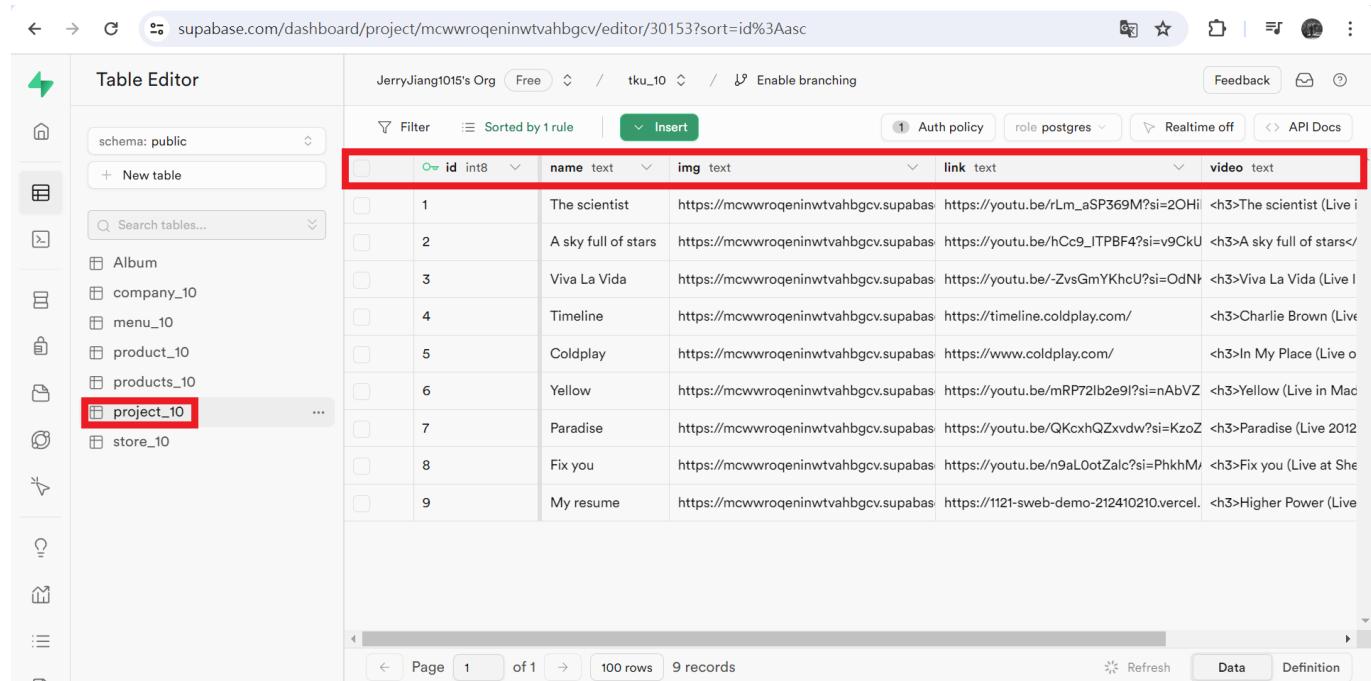


Table Editor

schema: public

Sorted by 1 rule

Insert

Auth policy role postgres Realtime off API Docs

id int8 name text img text link text video text

	id	name	img	link	video
	1	The scientist		https://mcwwroqeninwtvahbgcv.supabas...	<h3>The scientist (Live i...
	2	A sky full of stars		https://mcwwroqeninwtvahbgcv.supabas...	<h3>A sky full of stars/>
	3	Viva La Vida		https://mcwwroqeninwtvahbgcv.supabas...	<h3>Viva La Vida (Live I...
	4	Timeline		https://mcwwroqeninwtvahbgcv.supabas...	<h3>Timeline.coldplay.com/...
	5	Coldplay		https://mcwwroqeninwtvahbgcv.supabas...	<h3>In My Place (Live o...
	6	Yellow		https://mcwwroqeninwtvahbgcv.supabas...	<h3>Yellow (Live in Mac...
	7	Paradise		https://mcwwroqeninwtvahbgcv.supabas...	<h3>Paradise (Live 2012...
	8	Fix you		https://mcwwroqeninwtvahbgcv.supabas...	<h3>Fix you (Live at She...
	9	My resume		https://mcwwroqeninwtvahbgcv.supabas...	<h3>Higher Power (Live...

Page 1 of 1 100 rows 9 records Refresh Data Definition

=> table 2

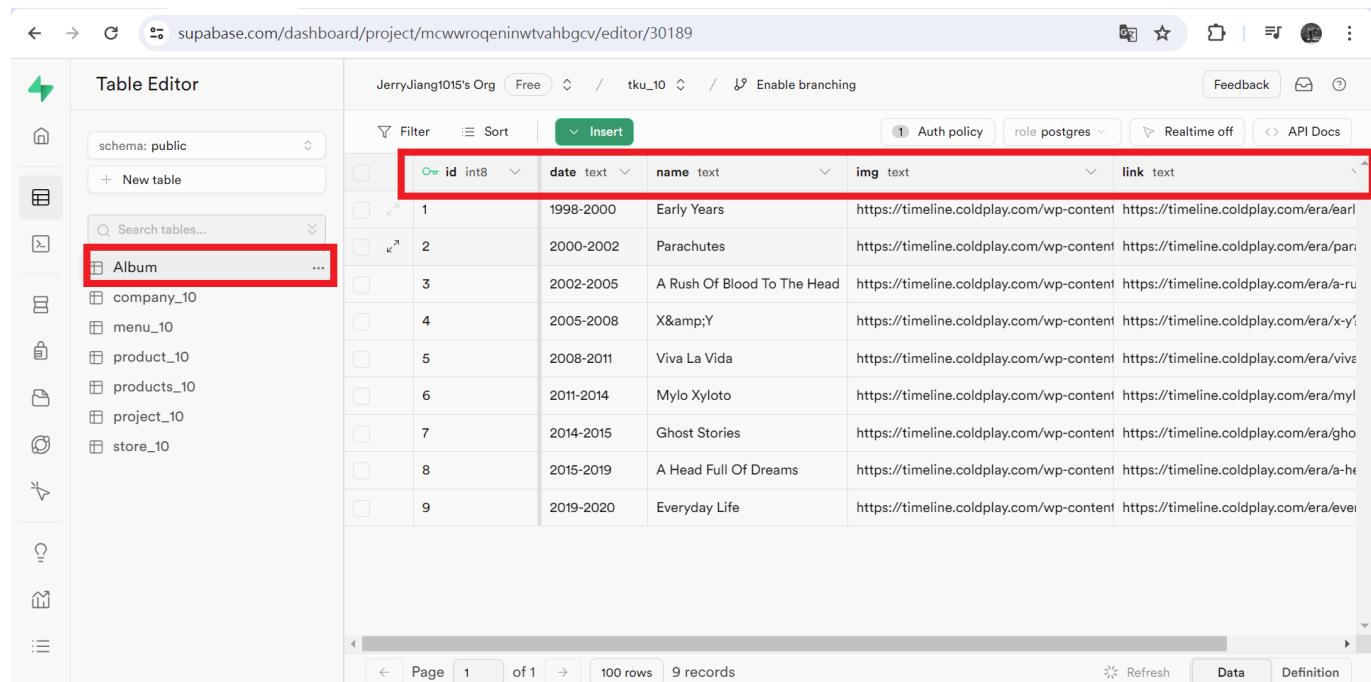


Table Editor

schema: public

Sort

Insert

Auth policy role postgres Realtime off API Docs

id int8 date text name text img text link text

	id	date	name	img	link
	1	1998-2000	Early Years		https://timeline.coldplay.com/wp-content...
	2	2000-2002	Parachutes		https://timeline.coldplay.com/wp-content...
	3	2002-2005	A Rush Of Blood To The Head		https://timeline.coldplay.com/wp-content...
	4	2005-2008	X&Y		https://timeline.coldplay.com/wp-content...
	5	2008-2011	Viva La Vida		https://timeline.coldplay.com/wp-content...
	6	2011-2014	Mylo Xyloto		https://timeline.coldplay.com/wp-content...
	7	2014-2015	Ghost Stories		https://timeline.coldplay.com/wp-content...
	8	2015-2019	A Head Full Of Dreams		https://timeline.coldplay.com/wp-content...
	9	2019-2020	Everyday Life		https://timeline.coldplay.com/wp-content...

Page 1 of 1 100 rows 9 records Refresh Data Definition

=> 提供執行一次就可重新建立 schema 及 data 之 SQL 指令

```
-----
project_10 table
-----
CREATE TABLE project_10 (
    id int NOT NULL PRIMARY KEY,
    name text,
    img text,
    link text,
    video text
);
```

```
INSERT INTO project_10 (id, name, img, link, video)
VALUES
(1, 'The scientist',
'https://mcwwroqeninwtvahbgcv.supabase.co/storage/v1/object/public/project/coldplay/coldplay_1.png?t=2024-05-30T16%3A06%3A46.205Z', 'https://youtu.be/rLm_aSP369M?si=20HilXRRFqeqTNP','<h3>The scientist (Live in Madrid 2011)</h3>
<iframe width="1080" height="640" src="https://www.youtube.com/embed/rLm_aSP369M?si=Z6Hd0hkSEESFdJgA" title="YouTube video player" frameborder="0" allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture; web-share" referrerpolicy="strict-origin-when-cross-origin" allowfullscreen></iframe>'),
(2, 'A sky full of stars',
'https://mcwwroqeninwtvahbgcv.supabase.co/storage/v1/object/public/project/coldplay/coldplay_2.png', 'https://youtu.be/hCc9_ITPBF4?si=v9CKu7ExPakyGJA0','<h3>A sky full of stars</h3>
<iframe width="1080" height="640" src="https://www.youtube.com/embed/hCc9_ITPBF4?si=j8iGt10dstfinL0G" title="YouTube video player" frameborder="0" allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture; web-share" referrerpolicy="strict-origin-when-cross-origin" allowfullscreen></iframe>'),
(3, 'Viva La Vida',
'https://mcwwroqeninwtvahbgcv.supabase.co/storage/v1/object/public/project/coldplay/coldplay_3.png', 'https://youtu.be/-ZvsGmYKhcu?si=0dNK_IU3CX_v-krL','<h3>Viva La Vida (Live In São Paulo)</h3>
<iframe width="1080" height="640" src="https://www.youtube.com/embed/j82L3pLjb_0?si=XqISIJ2GKr3e6ZyG&start=172" title="YouTube video player" frameborder="0" allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture; web-share" referrerpolicy="strict-origin-when-cross-origin" allowfullscreen></iframe>'),
(4, 'Timeline',
'https://mcwwroqeninwtvahbgcv.supabase.co/storage/v1/object/public/project/coldplay/coldplay_6.png', 'https://timeline.coldplay.com/','<h3>Charlie Brown (Live in Madrid 2011)</h3>
<iframe width="1080" height="640" src="https://www.youtube.com/embed/KhKxtv1FiUM?si=c2bWFTYvKsNhxhkT&start=172" title="YouTube video player" frameborder="0" allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture; web-share" referrerpolicy="strict-origin-when-cross-origin" allowfullscreen></iframe>'),
(5, 'Coldplay',
'https://mcwwroqeninwtvahbgcv.supabase.co/storage/v1/object/public/project/coldplay/coldplay_5.png', 'https://www.coldplay.com/','<h3>In My Place (Live on Letterman)</h3>
<iframe width="1080" height="640" src="https://www.youtube.com/embed/qgLEDSUZ9iQ?si=kuiGGITG004-Fmo" title="YouTube video player" frameborder="0" allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture; web-share" referrerpolicy="strict-origin-when-cross-origin" allowfullscreen></iframe>'),
(6, 'Yellow',
'https://mcwwroqeninwtvahbgcv.supabase.co/storage/v1/object/public/project/coldplay/coldplay_4.png', 'https://youtu.be/mRP72Ib2e9I?si=nAbVZPPygus36NHs','<h3>Yellow (Live in Madrid 2011)</h3>
<iframe width="1080" height="640" src="https://www.youtube.com/embed/mRP72Ib2e9I?si=NRfLwhEvAYqir-Od&start=172" title="YouTube video player" frameborder="0" allowfullscreen></iframe>')
```

```
allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope;
picture-in-picture; web-share" referrerpolicy="strict-origin-when-cross-origin"
allowfullscreen></iframe>'),
(7, 'Paradise',
'https://mcwwroqeninwtvahbgcv.supabase.co/storage/v1/object/public/project/coldplay/coldplay_7.png', 'https://youtu.be/QKcxhQZxvdw?si=KzoZS8xxm3sUzzQr','<h3>Paradise (Live 2012 from Paris)</h3>
<iframe width="1080" height="640" src="https://www.youtube.com/embed/QKcxhQZxvdw?si=L36ZZPB3tg4ERdV9&start=172" title="YouTube video player" frameborder="0" allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture; web-share" referrerpolicy="strict-origin-when-cross-origin" allowfullscreen></iframe>')
(8, 'Fix you',
'https://mcwwroqeninwtvahbgcv.supabase.co/storage/v1/object/public/project/coldplay/coldplay_9.png', 'https://youtu.be/n9aL0otZalc?si=PhkhMA0q0IzpXWtA','<h3>Fix you (Live at Shepherd's Bush Empire)</h3>
<iframe width="1080" height="640" src="https://www.youtube.com/embed/n9aL0otZalc?si=kp4AZbnurJPmc9S9&start=172" title="YouTube video player" frameborder="0" allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture; web-share" referrerpolicy="strict-origin-when-cross-origin" allowfullscreen></iframe>'),
(9, 'My resume',
'https://mcwwroqeninwtvahbgcv.supabase.co/storage/v1/object/public/project/coldplay/coldplay.png', 'https://1121-sweb-demo-212410210.vercel.app/project/project.html','<h3>Higher Power (Live at The BRIT Awards, London 2021)</h3>
<iframe width="1080" height="640" src="https://www.youtube.com/embed/kiqEEr7CK2g?si=foD21dfwaVb94bLX&start=172" title="YouTube video player" frameborder="0" allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture; web-share" referrerpolicy="strict-origin-when-cross-origin" allowfullscreen></iframe>')
```

```
ALTER TABLE company_10 ENABLE ROW LEVEL SECURITY;
create policy "Allow SELECT access for all users" on "public"."project_10" as
PERMISSIVE for SELECT to public using (true);
```

Album table

```
CREATE TABLE project_10 (
    id int NOT NULL PRIMARY KEY,
    date text,
    name text,
    img text,
    link text
);
```

```
INSERT INTO Album (id, date, name, img, link)
VALUES
```

```
(1,'1998-2000', 'Early Years','https://timeline.coldplay.com/wp-content/uploads/2018/08/EarlyYears.jpg','https://timeline.coldplay.com/era/early-years?order=recent&filtertype=featured&pg=1'),
(2,'2000-2002', 'Parachutes','https://timeline.coldplay.com/wp-
```

```
content/uploads/2018/08/parachutes.jpg', 'https://timeline.coldplay.com/era/parachutes?order=recent&filtertype=featured&pg=1'),  
(3, '2002-2005', 'A Rush Of Blood To The Head', 'https://timeline.coldplay.com/wp-content/uploads/2018/08/ARushofBloodToTheHead.jpg', 'https://timeline.coldplay.com/era/a-rush-of-blood-to-the-head?order=recent&filtertype=featured&pg=1'),  
(4, '2005-2008', 'X&Y', 'https://timeline.coldplay.com/wp-content/uploads/2018/08/XY.jpg', 'https://timeline.coldplay.com/era/x-y?order=recent&filtertype=featured&pg=1'),  
(5, '2008-2011', 'Viva La Vida', 'https://timeline.coldplay.com/wp-content/uploads/2018/10/Viva_La-Vida.jpg', 'https://timeline.coldplay.com/era/viva-la-vida?order=recent&filtertype=featured&pg=1'),  
(6, '2011-2014', 'Mylo Xyloto', 'https://timeline.coldplay.com/wp-content/uploads/2018/10/coldplay_mylo_xyloto_alternate_album_cover_1_by_rrpjdisc-d7oe37h.jpg', 'https://timeline.coldplay.com/era/mylo-xyloto?order=recent&filtertype=featured&pg=1'),  
(7, '2014-2015', 'Ghost Stories', 'https://timeline.coldplay.com/wp-content/uploads/2018/08/GhostStories.jpg', 'https://timeline.coldplay.com/era/ghost-stories?order=recent&filtertype=featured&pg=1'),  
(8, '2015-2019', 'A Head Full Of Dreams', 'https://timeline.coldplay.com/wp-content/uploads/2018/10/AHFOD1000-2.jpg', 'https://timeline.coldplay.com/era/a-head-full-of-dreams?order=recent&filtertype=featured&pg=1'),  
(9, '2019-2020', 'Everyday Life', 'https://timeline.coldplay.com/wp-content/uploads/2020/07/EverydayLife_artwork.jpg', './images/product-20.jpg', 'https://timeline.coldplay.com/era/everyday-life?order=recent&filtertype=featured&pg=1')
```

```
ALTER TABLE company_10 ENABLE ROW LEVEL SECURITY;  
create policy "Allow SELECT access for all users" on "public"."Album" as  
PERMISSIVE for SELECT to public using (true);
```

前端程式設計說明

整體HTML

```

1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8" />
5   <meta name="viewport" content="width=device-width,
6   <link rel="stylesheet" href="./fontawesome-free-6.5
7   <link rel="stylesheet" href="css/style.css" />
8   <title>My project</title>
9 </head>
10 <body>
11   <section>
12     <h1>This is My</h1>
13     <h2>
14       | <a href="https://1121-sweb-demo-212410210.veral
15     </h2>
16   </section>
17
18   <section class="main-section">
19     <div class="content-center">
20       <div class="left-content filter-left">
21         <article class="btns">
22           <button class="btn" data-id="all">Go back t
23           <button class="btn" data-id="Album">Explore
24           <button class="btn">
25             | <a href="https://1121-sweb-demo-212410210.
26           </button>
27           <button class="btn bs" data-id="Video">Colc
28           <button class="btn switch-video-btn">Switch
29         </article>
30       </div>
31     </div>
32   </section>
33
34   <section class="video">
35     <div id="video-container"></div>
36   </section>
37
38   <div class="tiles-center">
39     | <!-- Displayed projects will appear here -->
40   </div>
41
42   <script type="module" src="https://cdn.jsdelivr.net
43   <script type="module" src="./js/project.js"></scrip
44   </body>
45 </html>

```

Ln 46, Col 1 Spaces: 2 UTF-8 CRLF {` CSS Go Live Prettier

Image & Text 設計

```

1 section h2 ,.project {
2   font-size: 15vw;
3   margin: 1em auto;
4   margin-bottom: 2vw;
5   margin-top: 0.1rem;
6   width: 70%;
7   text-transform: uppercase;
8   text-align: center;
9 }
10 section h2::before {
11   content: "";
12   border-bottom: 1.1vw solid black;
13   display: block;
14 }
15 section h3 {
16   justify-content: center;
17   align-items: center;
18   font-size: 4vw;
19   margin-bottom: 1.2vw;
20   margin-top: 0.1vw;
21   width: 100%;
22   color: #FFA2F3;
23   text-align: center;
24   font-family: "mrs-eaves",
25   "Baskerville Old Face", Garamond,
26   "Times New Roman", serif;
27 }
28 section h3::before {
29   content: "";
30   display: inline-block;
31   width: 1.1vw;
32   height: 1.1vw;
33   background-color: #FFA2F3;
34   border-radius: 50%;
35   position: absolute;
36   top: -0.5vw;
37   left: -0.5vw;
38   z-index: 1;
39   transition: transform 0.5s ease;
40   transform: translate(-50%, -50%)
41
42 .homeimg {
43   position: relative;
44   display: inline-block;
45   width: 100%;
46   height: 100%;
47   overflow: hidden;
48 }
49 .homeimg::before {
50   content: " ";
51   position: absolute;
52   top: 0;
53   left: 0;
54   width: 100px;
55   height: 100px;
56   background-color: #FFA2F3;
57   border-radius: 50%;
58   opacity: 0.5;
59   transition: opacity 0.5s ease;
60   z-index: 1;
61 }
62 .homeimg::after {
63   content: " ";
64   position: absolute;
65   top: 0;
66   left: 0;
67   width: 100px;
68   height: 100px;
69   background-color: #FFA2F3;
70   border-radius: 50%;
71   opacity: 0.5;
72   transition: opacity 0.5s ease;
73   z-index: 1;
74 }
75 .img-text {
76   position: absolute;
77   top: 50%;
78   left: 50%;
79   transform: translate(-50%, -50%);
80   width: fit-content;
81   height: fit-content;
82   background-color: #FFA2F3;
83   border-radius: 10px;
84   padding: 10px;
85   color: white;
86   font-size: 1.2em;
87   font-weight: bold;
88   text-align: center;
89   white-space: nowrap;
90   transition: transform 0.5s ease;
91   transform: translate(-50%, -50%)
92
93 .img-text::before {
94   content: " ";
95   position: absolute;
96   top: 0;
97   left: 0;
98   width: 100px;
99   height: 100px;
100  background-color: #FFA2F3;
101  border-radius: 50%;
102  opacity: 0.5;
103  transition: opacity 0.5s ease;
104  z-index: 1;
105 }
106 .homeimg-container {
107   position: relative;
108   display: inline-block;
109   width: 100px;
110   height: 100px;
111   overflow: hidden;
112 }
113 .homeimg {
114   position: relative;
115   display: inline-block;
116   width: 100px;
117   height: 100px;
118   overflow: hidden;
119 }
120 .img-text {
121   position: absolute;
122   top: 50%;
123   left: 50%;
124   transform: translate(-50%, -50%);
125   width: fit-content;
126   height: fit-content;
127   background-color: #FFA2F3;
128   border-radius: 10px;
129   padding: 10px;
130   color: white;
131   font-size: 1.2em;
132   font-weight: bold;
133   text-align: center;
134   white-space: nowrap;
135   transition: transform 0.5s ease;
136   transform: translate(-50%, -50%)
137 }
138 .homeimg-container:hover .img-text {
139   transform: translate(-50%, -50%);
140   scale(1);
141   opacity: 1;
142   border: 0.8vw solid #rgb(87, 3, 155);
143   justify-content: center;
144   align-items: center;
145   position: absolute;
146 }

```

Ln 56, Col 1 (55 selected) Spaces: 2 UTF-8 CRLF {` CSS Go Live Prettier

=> 功能 1

圖片 Tiles

CSS

```

project_final > css > # style.css > img-text
149 /*
150 =====
151 Tiles
152 =====
153 */
154
155 .tiles-center {
156   object-fit: cover;
157   display: grid;
158   margin: 0 auto;
159   grid-template-areas:
160   "a b c"
161   "d e f"
162   "g h";
163 }
164
165 .tiles-center img {
166   display: block;
167   width: 100%;
168   height: 100%;
169   object-fit: cover;
170 }
171 > .tile-1 { ... }
172 > .tile-2 { ... }
173 > .tile-3 { ... }
174 > .tile-4 { ... }
175 > .tile-5 { ... }
176 > .tile-6 { ... }
177 > .tile-7 { ... }
178 > .tile-8 { ... }
179

```

Ln 135, Col 30 Spaces: 2 UTF-8 CRLF { } CSS Go Live Prettier

JavaScript

```

project_final > js > JS projectjs > displayprojects > tilescenters > projects.map
61 const displayprojects = (projects) => {
62   let tilescenters = projects.map((project) => [
63     const { name, id, img, link } = project;
64     return
65       <section class="title-$id">
66         <div class="homeImg-container">
67           
68           <a class="img-text" href="${link}">
69             ${name}</a>
70           </div>
71         </section>
72       ];
73   ].join(''));
74   tilesCenter.innerHTML = tilescenters;
75
76 const images = document.querySelectorAll('.homeImg-container');
77 images.forEach(imageContainer => {
78   const imgText = imageContainer.querySelector('.img-text');
79   imageContainer.addEventListener('mouseenter', () => {
80     imgText.classList.add('visible');
81   });
82   imageContainer.addEventListener('mouseleave', () => {
83     imgText.classList.remove('visible');
84   });
85 });

```

```

project_final > js > JS projectjs > displayprojects > tilescenters > projects.map
61 const displayprojects = (projects) => {
62   images.forEach(imageContainer => {
63     imgText.classList.remove('visible');
64     imageContainer.addEventListener('mouseenter', () => {
65       imgText.classList.add('visible');
66     });
67     imageContainer.addEventListener('mouseleave', () => {
68       imgText.classList.remove('visible');
69     });
70   });
71
72 const switchVideoBtn = document.querySelector('.switch-video-btn');
73 const videoSection = document.querySelector('.video');
74
75 switchVideoBtn.addEventListener('click', () => {
76   videoSection.classList.toggle('switch-video');
77 });
78
79 document.addEventListener('DOMContentLoaded', async () => {
80   project_10 = await getprojectsSupabase_10();
81   console.log('Loaded project_10', project_10);
82   displayprojects(project_10);
83 });
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100

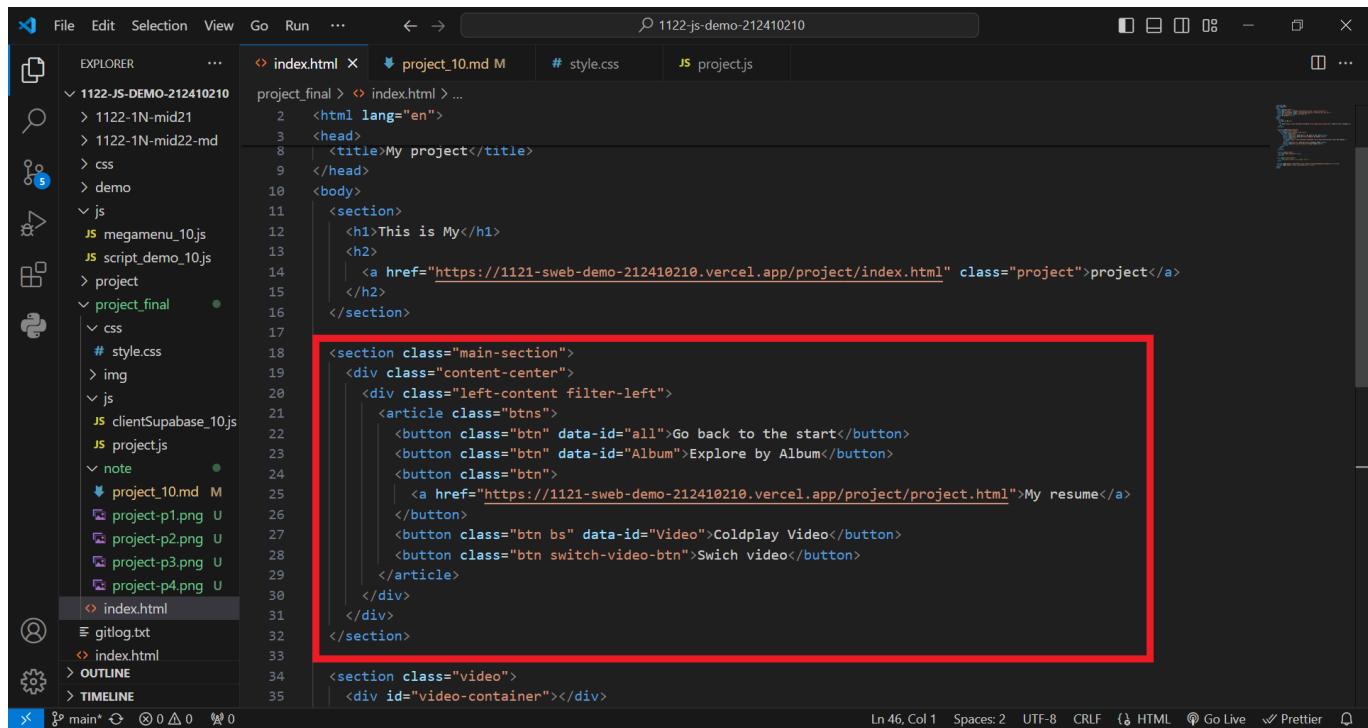
```

Ln 66, Col 24 Spaces: 2 UTF-8 CRLF { } JavaScript Go Live Prettier

=> 功能 2

按鈕設計

HTML



VS Code interface showing the project_10.md file. The code editor displays the following HTML snippet:

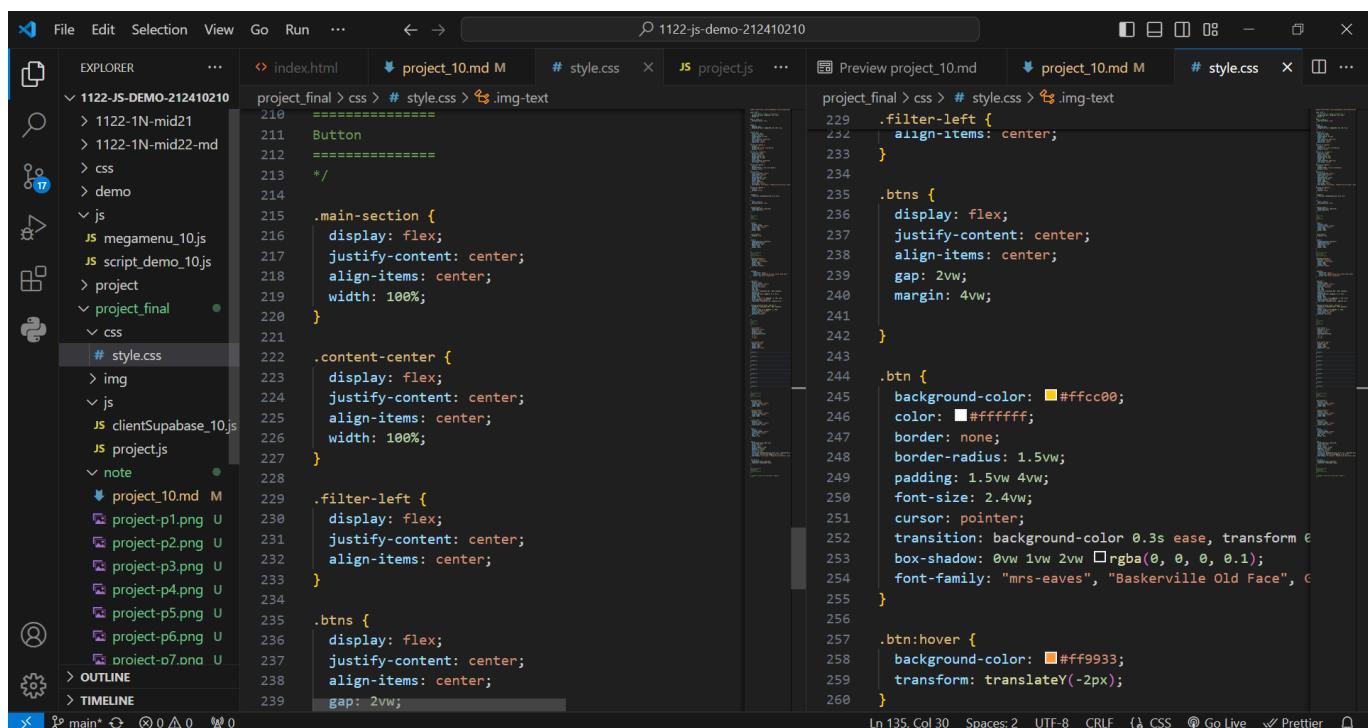
```

<html lang="en">
  <head>
    <title>My project</title>
  </head>
  <body>
    <section>
      <h1>This is My</h1>
      <h2>
        | <a href="https://1121-sweb-demo-212410210.vercel.app/project/index.html" class="project">project</a>
      </h2>
    </section>
    <section class="main-section">
      <div class="content-center">
        <div class="filter-left">
          <article class="btns">
            <button class="btn" data-id="all">Go back to the start</button>
            <button class="btn" data-id="Album">Explore by Album</button>
            <button class="btn">
              | <a href="https://1121-sweb-demo-212410210.vercel.app/project/project.html">My resume</a>
            </button>
            <button class="btn bs" data-id="Video">Coldplay Video</button>
            <button class="btn switch-video-btn">Switch video</button>
          </article>
        </div>
      </div>
    </section>
    <section class="video">
      | <div id="video-container"></div>
    </section>
  </body>
</html>

```

The section from line 18 to 35 is highlighted with a red box.

CSS



VS Code interface showing the #style.css file. The code editor displays the following CSS snippet:

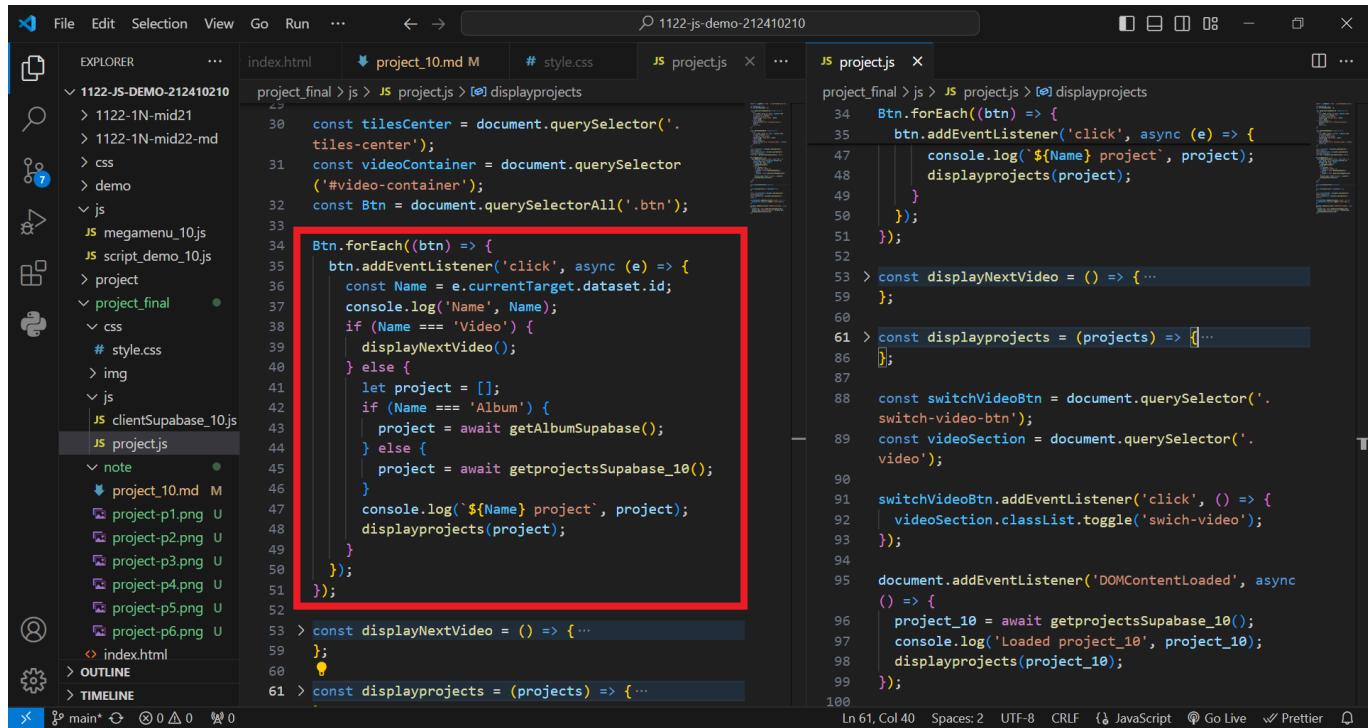
```

project_final > css > # style.css > .img-text
=====
210 =====
211 Button
212 =====
213 /*
214
215 .main-section {
216   display: flex;
217   justify-content: center;
218   align-items: center;
219   width: 100%;
220 }
221
222 .content-center {
223   display: flex;
224   justify-content: center;
225   align-items: center;
226   width: 100%;
227 }
228
229 .filter-left {
230   display: flex;
231   justify-content: center;
232   align-items: center;
233 }
234
235 .btns {
236   display: flex;
237   justify-content: center;
238   align-items: center;
239   gap: 2vw;
240   margin: 4vw;
241 }
242
243
244 .btn {
245   background-color: #ffcc00;
246   color: #ffffff;
247   border: none;
248   border-radius: 1.5vw;
249   padding: 1.5vw 4vw;
250   font-size: 2.4vw;
251   cursor: pointer;
252   transition: background-color 0.3s ease, transform 0.3s ease;
253   box-shadow: 0vw 1vw 2vw rgba(0, 0, 0, 0.1);
254   font-family: "mrs-eaves", "Baskerville Old Face", serif;
255 }
256
257 .btn:hover {
258   background-color: #ff9933;
259   transform: translateY(-2px);
260 }

```

The section from line 229 to 260 is highlighted with a red box.

JavaScript



```

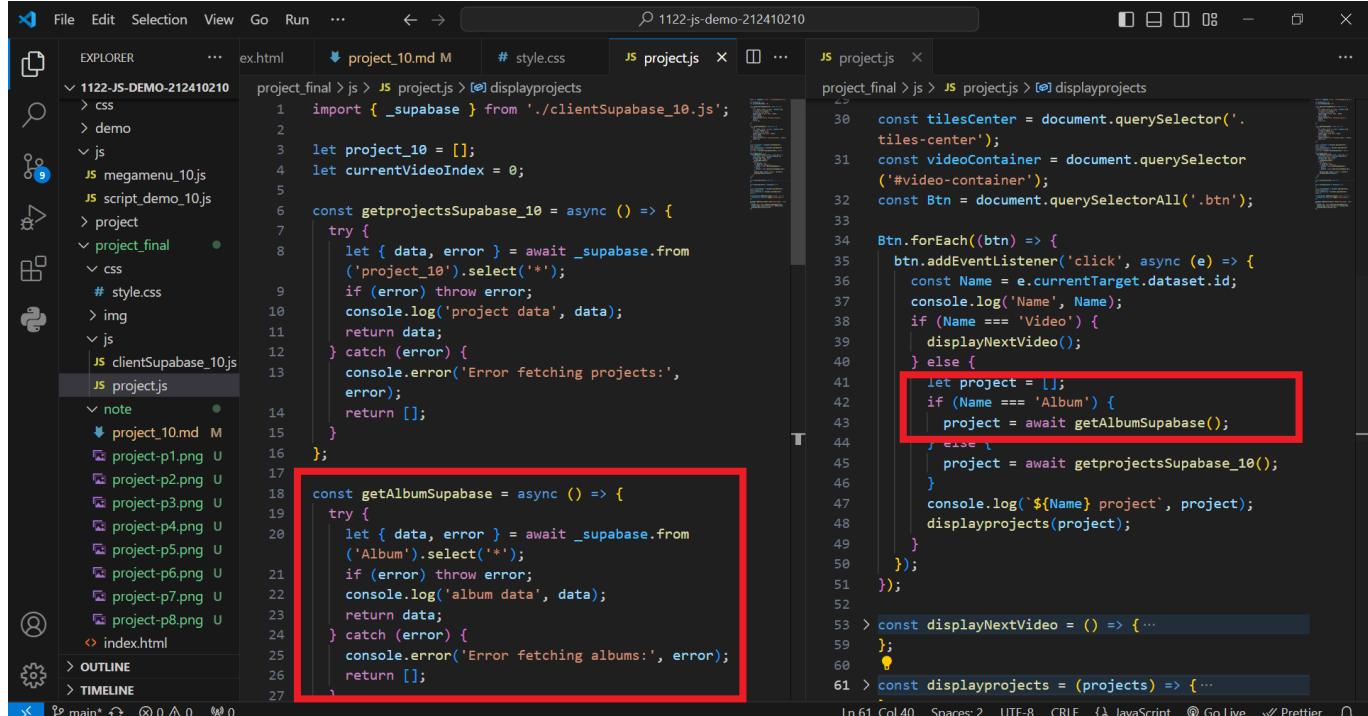
1  Btn.forEach((btn) => {
2    btn.addEventListener('click', async (e) => {
3      const Name = e.currentTarget.dataset.id;
4      console.log(`Name: ${Name}`);
5      if (Name === 'Video') {
6        displayNextVideo();
7      } else {
8        let project = [];
9        if (Name === 'Album') {
10          project = await getAlbumSupabase();
11        } else {
12          project = await getprojectsSupabase_10();
13        }
14        console.log(`${Name} project`, project);
15        displayprojects(project);
16      }
17    });
18  });
19
20  > const displayNextVideo = () => { ...
21  };
22
23  > const displayprojects = (projects) => { ...
24  };
25
26  > const displayprojects = (projects) => { ...
27  };
28
29  > const displayprojects = (projects) => { ...
30  };
31
32  > const displayprojects = (projects) => { ...
33  };
34
35  > const displayprojects = (projects) => { ...
36  };
37
38  > const displayprojects = (projects) => { ...
39  };
40
41  > const displayprojects = (projects) => { ...
42  };
43
44  > const displayprojects = (projects) => { ...
45  };
46
47  > const displayprojects = (projects) => { ...
48  };
49
50  > const displayprojects = (projects) => { ...
51  };
52
53  > const displayprojects = (projects) => { ...
54  };
55
56  > const displayprojects = (projects) => { ...
57  };
58
59  > const displayprojects = (projects) => { ...
60  };
61
62  > const displayprojects = (projects) => { ...
63  };
64
65  > const displayprojects = (projects) => { ...
66  };
67
68  > const displayprojects = (projects) => { ...
69  };
70
71  > const displayprojects = (projects) => { ...
72  };
73
74  > const displayprojects = (projects) => { ...
75  };
76
77  > const displayprojects = (projects) => { ...
78  };
79
79  > const displayprojects = (projects) => { ...
80  };
81
82  > const displayprojects = (projects) => { ...
83  };
84
85  > const displayprojects = (projects) => { ...
86  };
87
88  > const displayprojects = (projects) => { ...
89  };
90
91  > const displayprojects = (projects) => { ...
92  };
93
94  > const displayprojects = (projects) => { ...
95  };
96
97  > const displayprojects = (projects) => { ...
98  };
99
100 > const displayprojects = (projects) => { ...
101 };

```

=> 功能 3

圖片、資料 置換

JavaScript



```

1  import { _supabase } from './clientSupabase_10.js';
2
3  let project_10 = [];
4  let currentVideoIndex = 0;
5
6  const getprojectsSupabase_10 = async () => {
7    try {
8      let { data, error } = await _supabase.from
9        ('project_10').select('*');
10     if (error) throw error;
11     console.log('project data', data);
12     return data;
13   } catch (error) {
14     console.error('Error fetching projects:', error);
15     return [];
16   }
17 }
18
19 const getAlbumSupabase = async () => {
20   try {
21     let { data, error } = await _supabase.from
22       ('Album').select('*');
23     if (error) throw error;
24     console.log('album data', data);
25     return data;
26   } catch (error) {
27     console.error('Error fetching albums:', error);
28     return [];
29   }
30
31  const tilesCenter = document.querySelector('.tiles-center');
32  const videoContainer = document.querySelector
33    ('\#video-container');
34  const Btn = document.querySelectorAll('.btn');
35
36  Btn.forEach((btn) => {
37    btn.addEventListener('click', async (e) => {
38      const Name = e.currentTarget.dataset.id;
39      console.log(`Name: ${Name}`);
40      if (Name === 'Video') {
41        displayNextVideo();
42      } else {
43        let project = [];
44        if (Name === 'Album') {
45          project = await getAlbumSupabase();
46        } else {
47          project = await getprojectsSupabase_10();
48        }
49        console.log(`${Name} project`, project);
50        displayprojects(project);
51      }
52    });
53  });
54
55  > const displayNextVideo = () => { ...
56  };
57
58  > const displayprojects = (projects) => { ...
59  };
60
61  > const displayprojects = (projects) => { ...
62  };
63
64  > const displayprojects = (projects) => { ...
65  };
66
67  > const displayprojects = (projects) => { ...
68  };
69
70  > const displayprojects = (projects) => { ...
71  };
72
73  > const displayprojects = (projects) => { ...
74  };
75
76  > const displayprojects = (projects) => { ...
77  };
78
79  > const displayprojects = (projects) => { ...
80  };
81
82  > const displayprojects = (projects) => { ...
83  };
84
85  > const displayprojects = (projects) => { ...
86  };
87
88  > const displayprojects = (projects) => { ...
89  };
90
91  > const displayprojects = (projects) => { ...
92  };
93
94  > const displayprojects = (projects) => { ...
95  };
96
97  > const displayprojects = (projects) => { ...
98  };
99
100 > const displayprojects = (projects) => { ...
101 };

```

=> 功能 4

引入 Youtube 嵌入式影片

JavaScript

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

- Explorer:** Shows the project structure under "1122-JS-DEMO-212410210".
- File:** ex.html, project_10.md, style.css, project.js
- Code Editor:** The "project.js" file is open, containing JavaScript code for fetching projects from Supabase. A red box highlights the section where it retrieves data from the "project_10" database.
- Output:** Shows the results of the fetch operation.
- Status Bar:** Ln 61, Col 40, Spaces: 2, UTF-8, CRLF, JavaScript, Go Live, Prettier.

=> 功能 5

重整 & 影片顯示

CSS & JavaScript

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

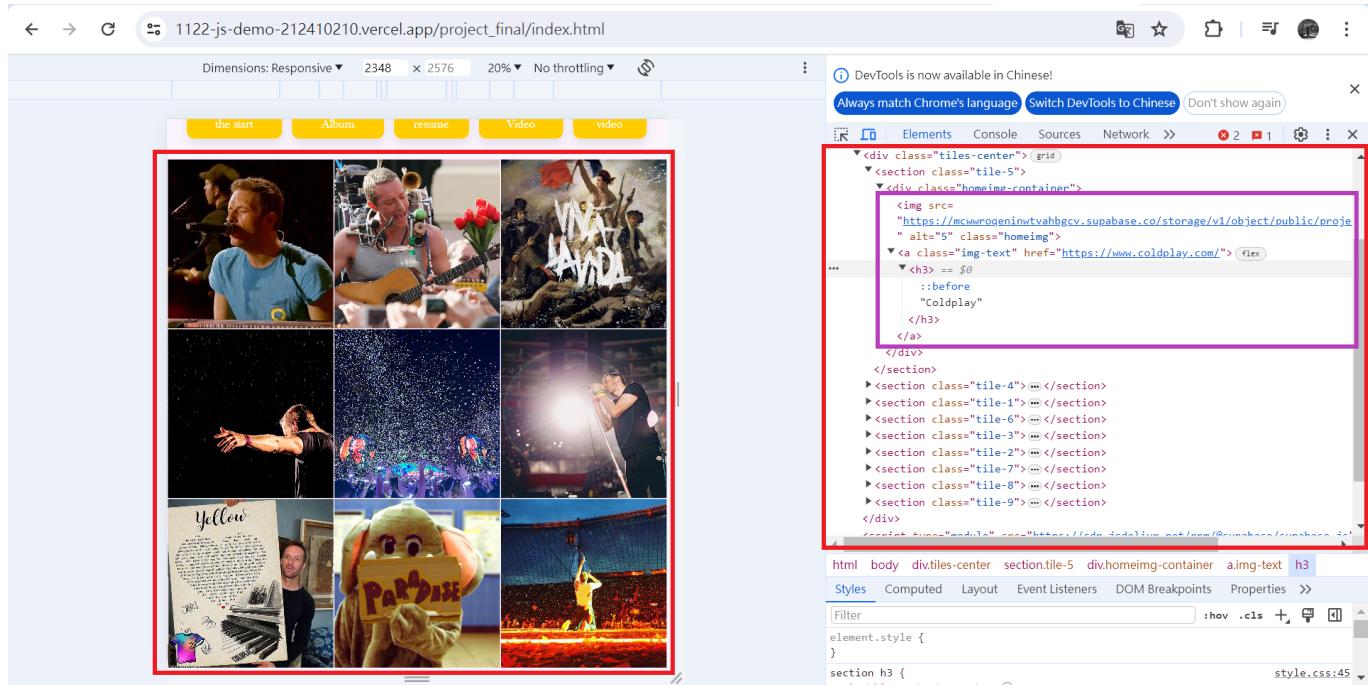
- Explorer:** Shows the project structure under "1122-JS-DEMO-212410210".
- File:** ex.html, project_10.md, style.css, project.js
- Code Editor:** The "style.css" file is selected in the Explorer, and its contents are shown in the editor. A red box highlights the CSS rules for ".video", ".switch-video", and "iframe" elements.
- Code Editor:** The "project.js" file is also visible, containing logic for displaying videos. A red box highlights the "displayNextVideo" function.
- Status Bar:** Ln 135, Col 30, Spaces: 2, UTF-8, CRLF, CSS, Go Live, Prettier.

解決問題說明

=> 問題 1：圖片從Supbase與CSS連結異常

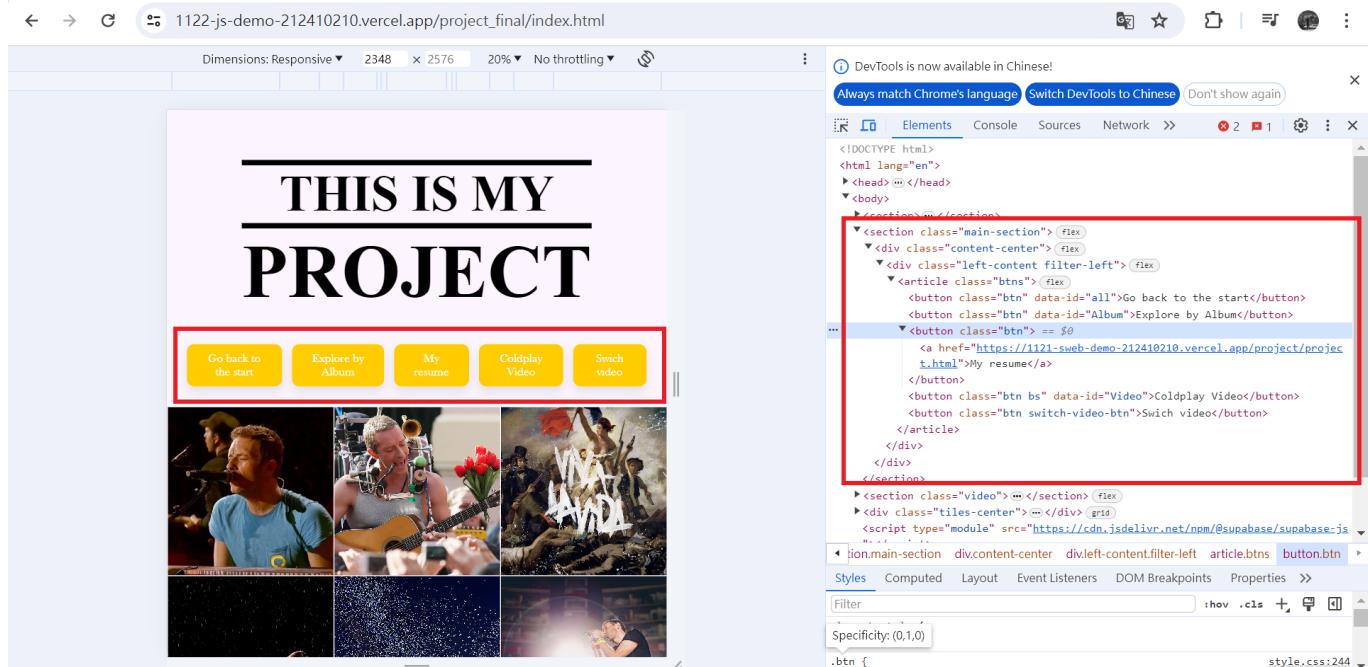
=> 解決：固定每張圖片tiles

另外方法 `grid-template-columns: repeat(.,);`



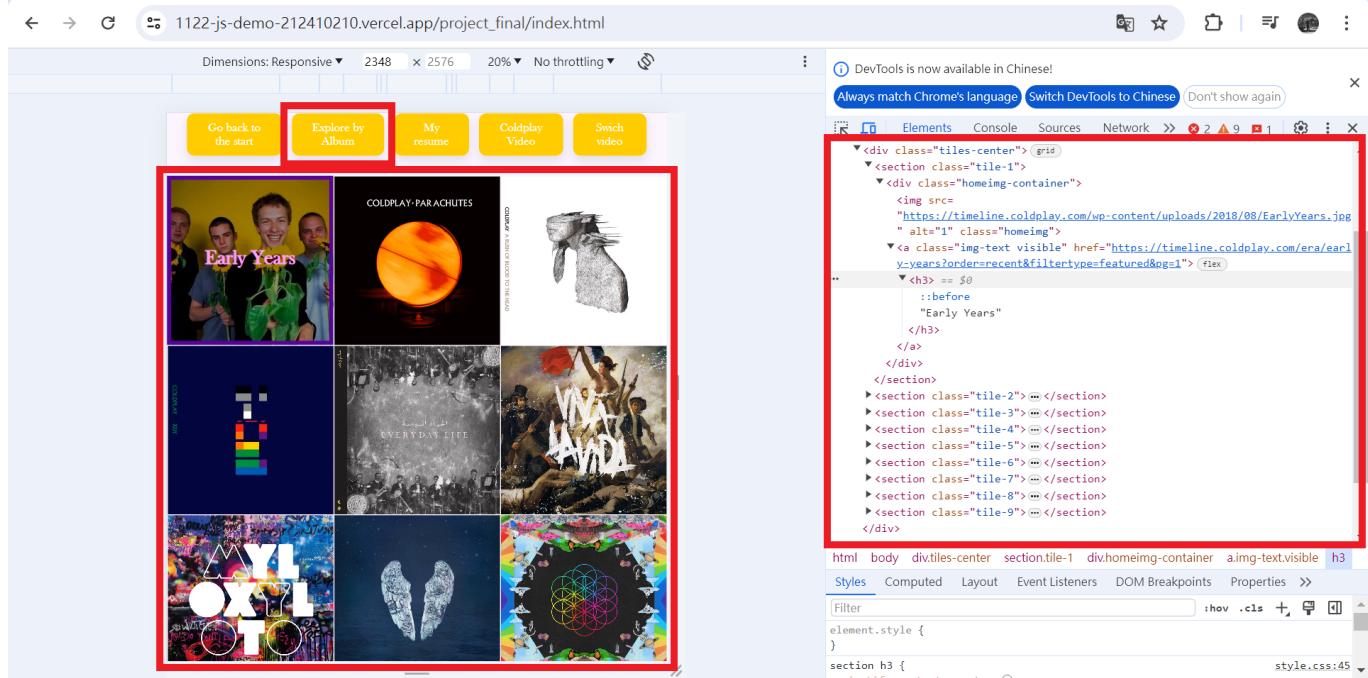
=> 問題 2：第二個按鈕的字會有跑版問題

=> 解決：只好縮一點的字體大小



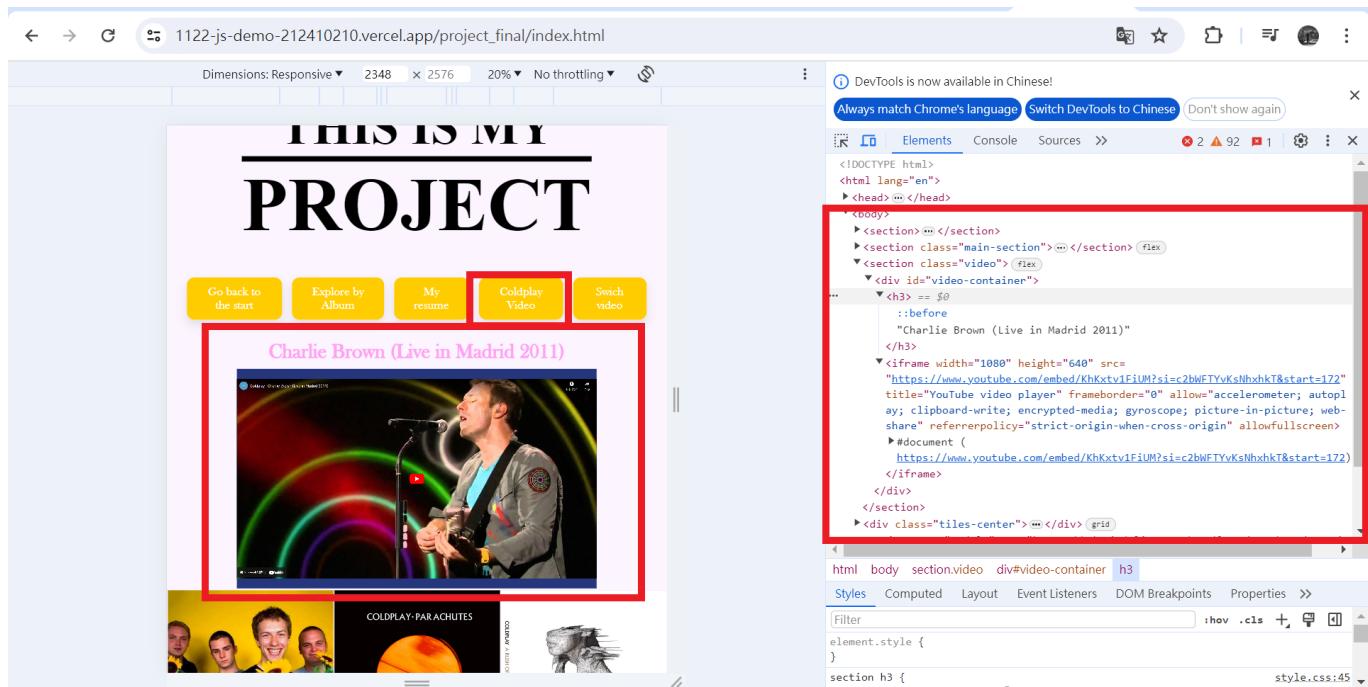
=> 問題 3：按鈕無法正常操控圖片置換

=> 解決：用另一個Supabase Table 讓資料分開



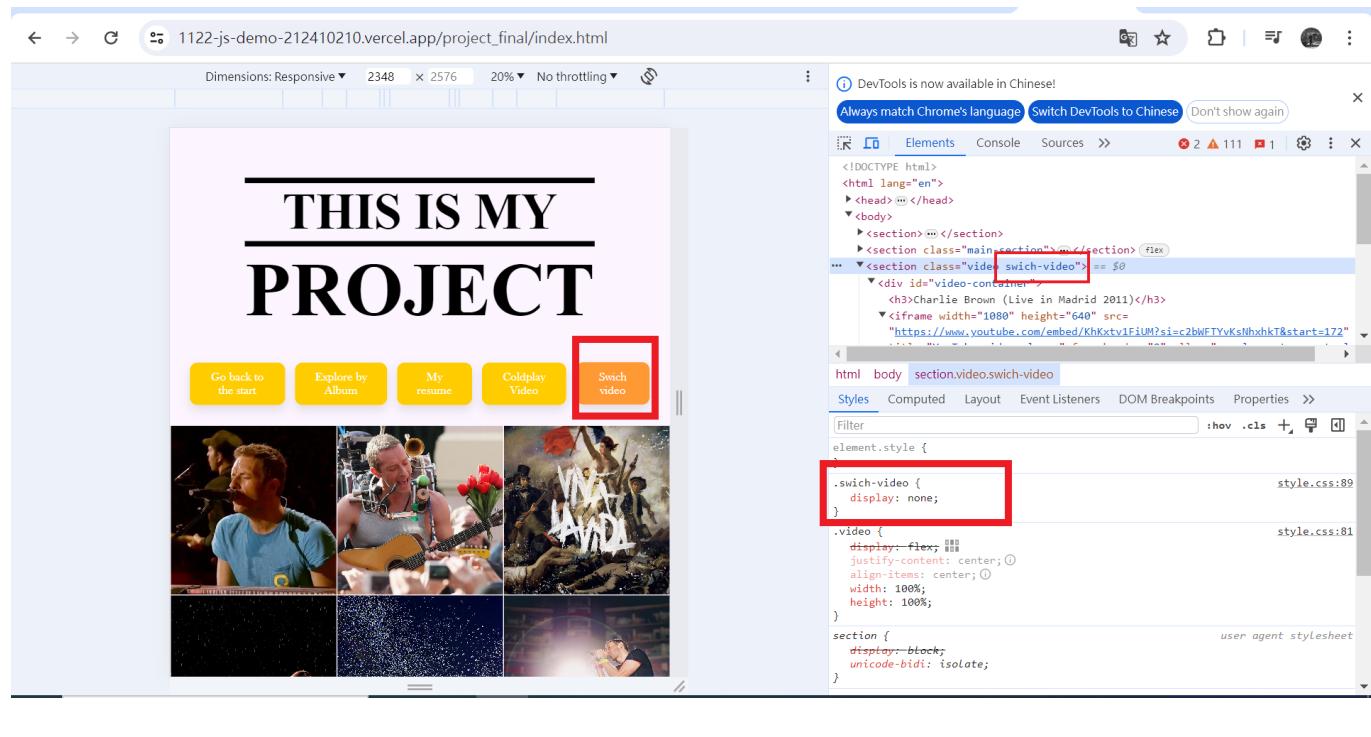
=> 問題 4：影片用JavaScript return HTML 的方式會有無法單一控制的障礙

=> 解決：將整段嵌入式影片代碼放上Supabase



=> 問題 5：影片如果在播放後按Btn，影片只是隱藏

=> 解決：有想到能將影片改為空字串，但發現便背景音樂是意外



學習甘苦談

- => 1.一開始設計圖片排列嘗試好多種引入方法，最終為了版面大小暫定
- => 2.在按鈕的部分遇到的障礙比較少，比較大的問題是設定變數
- => 3.在引入另一組圖片，當初構想能設計像是**Coldplay timeline**的拉動式，但是發現我給自己製造了大麻煩
- => 4.影片這段最初構想就想嘗試製作，沒想到也是我花最多時間研究的部分