

W13-P1: investigate jwt token using jwt.io

The screenshot shows the jwt.io website interface. On the left, under the 'Encoded' tab, a JWT token is pasted: `eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJzdXBhYmFzZSIsInJlZiI6ImVub241LjE2IiwiaWF0IjE2NzY2MzY2NDAsImV4cCI6MTk5MzI2NjM0MH0.Lh8aSD0BNmrq-VIHm60q2vWpnrEaJwxFTkS25c0sg`. On the right, the 'Decoded' tab shows the token's structure:

- HEADER:** `{ "alg": "HS256", "typ": "JWT" }`
- PAYLOAD:** `{ "iss": "supabase", "ref": "eyJhbGciOiJhbm90aW90IiwiaWF0IjE2NzY2MzY2NDAsImV4cCI6MTk5MzI2NjM0MH0.Lh8aSD0BNmrq-VIHm60q2vWpnrEaJwxFTkS25c0sg", "role": "user", "iat": 1677698340, "exp": 1993266340 }`
- VERIFY SIGNATURE:** Shows the HMACSHA256 calculation and the resulting signature `Uf36h7u71s+5cxJLp0c`.

At the bottom left, a red box highlights the 'Signature Verified' status. At the bottom right, there is a 'SHARE JWT' button. The browser's taskbar at the bottom shows the time as 06:55 on 2023/5/10.

This screenshot shows the same jwt.io interface but with a different JWT token. The 'Encoded' tab contains the token: `eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJyZWYiOiJ3a3V3amxnanprb3ZvZHNremNjYSIsInJvbGUiOiJzZXJ2aWVudCjE2NzY2MzY2NDAsImV4cCI6MTk5MzI2NjM0MH0.pv_Viido2fUoc5VkrVvKfAK9W5TBFA0Ftrzc1oigGSY`. The 'Decoded' tab shows the following structure:

- HEADER:** `{ "alg": "HS256", "typ": "JWT" }`
- PAYLOAD:** `{ "ref": "kwujlgjzkovodskzcca", "role": "service_role", "iat": 1677698340, "exp": 1993266340 }`
- VERIFY SIGNATURE:** Shows the HMACSHA256 calculation and the resulting signature `DMcq1VAow16CbheWYR9L`.

Similar to the first screenshot, a red box highlights the 'Signature Verified' status at the bottom left, and a 'SHARE JWT' button is at the bottom right. The browser's taskbar at the bottom shows the time as 07:00 on 2023/5/10.

Get all menu from menu_xx (RLS not enabled)

The screenshot displays a web browser with two main windows. The left window is a REST client (Postman) showing a GET request to the endpoint `https://kkuwjlgjkovodskzcca.supabase.co/rest/v1/menu_2_34?select=*`. The request headers include `apikey` and `Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9...`. The response body is a JSON object with the following structure:

```

{
  "id": 9,
  "title": "Quarantine Buddy",
  "category": "lunch",
  "price": 13.99,
  "img": "/menu/images/item-9.jpeg",
  "descrip": "Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto"
}

```

The right window is a terminal showing the output of the request, which is a JSON object with the same structure as the response body in the REST client.

Fail to get all menu from menu2_xx (RLS enabled)

GET Get all menu data from menu2_34(RLS enabled)

GET https://wkuwjlgjkzovodskzcca.supabase.co/rest/v1/menu2_34?select=*

Headers (7)

Key	Value	Description
apikey	eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9...	
Authorization	Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9...	

Body

200 OK 1074 ms 2.75 KB

JSON

```
1 {
```

schema public

29384

menu2_34 RLS enabled

No policies created yet

RLS is enabled - create a policy to allow access to this table.

to get all menu from menu2_xx (RLS enabled) by providing service_role token

GET Get all menu data from menu2_34(RLS enabled)

GET https://wkuwjlgjkzovodskzcca.supabase.co/rest/v1/menu2_34?select=*

Headers (7)

Key	Value	Description
apikey	eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJ...	
Authorization	Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJ...	

Body

Status: 200 OK Time: 1074 ms Size: 2.75 KB

JSON

```
66 {
67   "id": 9,
68   "title": "Quarantine Buddy",
69   "category": "lunch",
70   "price": 13.99,
71   "img": "/menu/images/item-9.jpeg",
72   "descrip": "Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos
   ullam. Enim voluptas, expedita"
```

READ ALL ROWS

```
curl
'https://wkuwjlgjkzovodskzcca.supabase.co/rest/v1/menu2_34?select=*' \
-H "apikey: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJzdBhYmFzZSI6InR5cCI6IkpXVCJ9.eyJpc3MiOiJhIiwicm9sZSI6ImFub24iLCJpYXQ1OjE2ODM3MTcwNDksImV4cCI6MTk5OTI1MzA0X0.3U3FHIECaMTBWIgPH-XjcvDA0UBzKMMt2oL37zfji-8" \
-H "Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJzdBhYmFzZSI6InR5cCI6IkpXVCJ9.eyJpc3MiOiJhIiwicm9sZSI6ImFub24iLCJpYXQ1OjE2ODM3MTcwNDksImV4cCI6MTk5OTI1MzA0X0.3U3FHIECaMTBWIgPH-XjcvDA0UBzKMMt2oL37zfji-8"
```

READ SPECIFIC COLUMNS

```
curl
'https://wkuwjlgjkzovodskzcca.supabase.co/rest/v1/menu2_34?select=some_column,other_column' \
-H "apikey: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJzdBhYmFzZSI6InR5cCI6IkpXVCJ9.eyJpc3MiOiJhIiwicm9sZSI6ImFub24iLCJpYXQ1OjE2ODM3MTcwNDksImV4cCI6MTk5OTI1MzA0X0.3U3FHIECaMTBWIgPH-XjcvDA0UBzKMMt2oL37zfji-8"
```

Get all menu data from menu_xx (no RLS), and from menu2_xx (RLS enabled)

W13-P3: Get all category=breakfast data from menu_xx (no RLS), and from menu2_xx (RLS enabled)

Get all category=breakfast data from menu_xx (RLS not enabled)

The screenshot shows the Postman interface with a REST client request configured. The request is a GET method to the URL `https://kkuwjgizkovodskzcca.supabase.co/rest/v1/menu_34?select=&category=eq:breakfast`. The query parameters are defined in a table:

Key	Value	Description
<input checked="" type="checkbox"/> select	*	
<input checked="" type="checkbox"/> category	eq:breakfast	
Key	Value	Description

The response body is shown in JSON format, containing a single menu item:

```
{
  "id": 7,
  "title": "Bacon Overflow",
  "category": "breakfast",
  "price": 8.99,
  "img": "/menu/images/item-7.jpeg",
  "descrip": "Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita"
}
```

The status of the request is 200 OK, with a time of 569 ms and a size of 1.32 KB.

get all category=breakfast data from menu2_xx (RLS enabled) by providing service_role token

Get category='breakfast' data

red-station-716606.postman.co/workspace/My-Workspace~a5bab14b-6a42-416c-8616-7d58ffc66ab/request/259973...

GitHub Dashboard – Vercel 1112_wp2_demo_... Project Building [...] iClass Build Responsive... 翻譯 上傳圖片(照片) JPG轉換為PDF · JP... iCloud 照片

Home Workspaces API Network Explore Search Postman Invite Upgrade

My Workspace

New Import

1112-supabase-2N / Get category='breakfast' data from menu2_34 (RLS)

GET Get category='breakfast' data from menu2_34 (RLS)

GET Get all menu data from menu2_34 (RLS)

GET Get all menu data from menu2_34 (RLS)

GET Get category='breakfast' data from menu2_34 (RLS)

GET Get category='breakfast' data from menu2_34 (RLS)

1112-supabase-2N / Get category='breakfast' data from menu2_34 (RLS)

GET https://wkuwjgjkzovodskzcca.supabase.co/rest/v1/menu2_34?select=*&category=eq.breakfast

Params Authorization Headers (7) Body Pre-request Script Tests Settings Cookies

Query Params

Key	Value	Description
<input checked="" type="checkbox"/> select	*	
<input checked="" type="checkbox"/> category	eq.breakfast	

Body Cookies Headers (19) Test Results Status: 200 OK Time: 337 ms Size: 1.32 KB Save as Example

Pretty Raw Preview Visualize JSON

```
18 {
19   "id": 7,
20   "title": "Bacon Overflow",
21   "category": "breakfast",
22   "price": 8.99,
23   "img": "/menu/images/item-7.jpeg",
24   "descrip": "Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita"
25 }
26
```

Online Console 23°C 多雲時陰 搜尋 下午 08:39 2023/5/10

from menu_xx (no RLS), and from menu2_xx (RLS enabled)

W13-P4: Create a data with category=breakfast, save into menu_xx (no RLS), and from menu2_xx (RLS enabled)

Create a data with category=breakfast, save into menu_xx (RLS not enabled)

This screenshot shows a Postman workspace with a collection named '1112-supabase-2N'. The selected request is a POST request titled 'Create a menu data and save into menu_34(no RSL)'. The URL is `https://wkuwjlgizkovodskzcca.supabase.co/rest/v1/menu_34?select=*`. The request body is a JSON object with the following fields: `id` (10), `title` (西班牙燉飯), `category` (breakfase), `price` (100.25), `img` (a long URL), and `descrip` (food). The response tab shows a 201 status code.

```
POST https://wkuwjlgizkovodskzcca.supabase.co/rest/v1/menu_34?select=*
```

```
{  "id": "10",  "title": "西班牙燉飯",  "category": "breakfase",  "price": "100.25",  "img": "https://diz36nn4q02zr.cloudfront.net/webapi/imagesV3/Original/SalePage/7551845/0/638167475358470000?v=1",  "descrip": "food"}
```

This screenshot shows a Postman workspace with a collection named '1112-supabase-2N'. The selected request is a GET request titled 'Get category='breakfast' data from menu_34 (no RLS)'. The URL is `https://wkuwjlgizkovodskzcca.supabase.co/rest/v1/menu_34?select=*&category=eq,breakfast`. The request has query parameters `select` (set to *) and `category` (set to eq,breakfast). The response tab shows a 200 status code and a JSON array containing one object with the same fields as the first screenshot.

```
GET https://wkuwjlgizkovodskzcca.supabase.co/rest/v1/menu_34?select=*&category=eq,breakfast
```

```
{  "id": "10",  "title": "西班牙燉飯",  "category": "breakfast",  "price": "100.25",  "img": "https://diz36nn4q02zr.cloudfront.net/webapi/imagesV3/Original/SalePage/7551845/0/638167475358470000?v=1",  "descrip": "food"}
```


Create a data with category=breakfast, save into menu2_xx (RLS enabled) by providing service_role token

Postman interface showing a POST request to create menu data. The request URL is `https://wkuwjlgjkzovodskzcca.supabase.co/rest/v1/menu2_34`. The request body is a JSON object:

```
{  "id": "10",  "title": "西班牙飯",  "category": "breakfast",  "price": "100.25",  "img": "https://diz36nn4q02zr.cloudfront.net/webapi/imagesV3/Original/SalePage/7551845/0/638167475358470000?v=1",  "descrip": "datadog"}
```

The response status is 201 Created, with a time of 401 ms and a size of 474 B.

Postman interface showing a GET request to retrieve menu data. The request URL is `https://wkuwjlgjkzovodskzcca.supabase.co/rest/v1/menu2_34?select=*category=eq.breakfast`. The response status is 200 OK, with a time of 388 ms and a size of 1.53 KB. The response body is a JSON object:

```
{  "id": 10,  "title": "西班牙飯",  "category": "breakfast",  "price": 100.25,  "img": "https://diz36nn4q02zr.cloudfront.net/webapi/imagesV3/Original/SalePage/7551845/0/638167475358470000?v=1",  "descrip": "datadog"}
```