

- My Vercel URL
- My Vercel URL Github
- My Render URL
- My Render URL Github
- GitHub

W13-P1: investigate jwt token using [jwt.io](#)

Encoded PASTE A TOKEN HERE

```
eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJzdXBhYmFzZSIsInJlZiI6InNqcGN1ZHR3cm5hc2Fzc2t6a2xxIiwicm9sZSI6ImFub24iLCJpYXQiOiE2NzY0NTk1MjIsImV4cCI6MTk5MjA5MjUyMn0.7nhgFYK-7fzrt6cJ3LpXV6mbB1DM1c0F12gNcKi36rU
```

Decoded EDIT THE PAYLOAD AND SECRET

HEADER: ALGORITHM & TOKEN TYPE

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

PAYLOAD: DATA

```
{  "iss": "supabase",  "ref": "sipcetwrnasasskzklq",  "role": "anon",  "iat": 1676459522,  "exp": 1992035522}
```

VERIFY SIGNATURE

```
HMACSHA256(  base64UrlEncode(header) + "." +  base64UrlEncode(payload),  your-256-bit-secretWaq  ) ☐ secret base64 encoded
```

 Signature Verified

SHARE JWT

Encoded

PASTE A TOKEN HERE

```
eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJzdXBhYmFzZSIsInJlZiI6InNqcGNlZHR3cm5hc2Fzc2t6a2xxIiwicm9sZSI6InNlcnZpY2Vfcm9sZSI6Im1hdCI6MTY3NjQ1OTUyMiwiZXhwIjoxOTkyMDM1NTIyfQ.W07QjcW3JD0adc8nFbBj-x_kM2gPl_6GeVBpvlgDAXo
```

✔ Signature Verified

Decoded

EDIT THE PAYLOAD AND SECRET

HEADER: ALGORITHM & TOKEN TYPE

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

PAYLOAD: DATA

```
{
  "iss": "supabase",
  "ref": "sjpcdtwrnasasskzklq",
  "role": "service_role",
  "iat": 1676459522,
  "exp": 1992035522
}
```

VERIFY SIGNATURE

```
HMACSHA256(
  base64UrlEncode(header) + "." +
  base64UrlEncode(payload),
  your-256-bit-secretWaQJ!
) ☐ secret base64 encoded
```

SHARE JWT

Get all menu from menu_xx (RLS not enabled)

Fail to get all menu from menu2_xx (RLS enabled)

The screenshot displays the Postman application interface. On the left, the 'Collections' sidebar shows a collection named '1112-supabase-71' with 1 request. The main workspace shows a REST client request with the following details:

- Method:** GET
- URL:** `https://ajpcdwtwnasaskzklq.supabase.co/rest/v1/menu2_71?select=*`
- Params:** None
- Authorization:** Bearer `eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVC99.eyJpc3MiOiJzdXBhYnEiLCJkIj...`
- Headers:** 6 hidden
- Body:** None
- Status:** 200 OK

The 'Headers' tab is selected, showing the following headers:

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> apikey	<code>eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVC99.eyJpc3MiOiJzdXBhYnEiLCJkIj...</code>	
<input checked="" type="checkbox"/> Authorization	<code>Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVC99.eyJpc3MiOiJzdXBhYnEiLCJkIj...</code>	
Key	Value	Description

The 'Body' tab is selected, showing the response body in 'Pretty' format. The response is a JSON array with one object:

```
[{"id": 1, "name": "Menu 2_71"}]
```

On the right, the 'API Explorer' sidebar shows the 'schema public' table. The 'menu2_71' table is selected, and the 'RLS enabled' button is highlighted with a red circle. The 'Disable RLS' and 'New Policy' buttons are also visible.

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)

Launchpad GET Get all menu data from menu2... GET Get catrgory='breakfast' menu ... No Environment

Get catrgory='breakfast' menu data from menu_71 (no RLS) Examples 0

GET https://sjpcedtwrnasasskklq.supabase.co/rest/v1/menu_71?select=*&category=eq.breakfast Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings

Query Params

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

Body Cookies Headers (19) Test Results Status: 200 OK Time: 1744 ms Size: 2.41 KB

Pretty Raw Preview Visualize JSON

```
1 [
2   {
3     "id": 1,
4     "title": "buttermilk pancakes",
5     "category": "breakfast",
6     "price": 15.59,
7     "img": "/menu/images/item-1.jpeg",
8     "descrip": "Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. E"
9   },
10  {
11    "id": 3,
12    "title": "godzilla milkshake",
13    "category": "breakfast".
```

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

Collections

APIs

section

Trash

upabase-71

sts

il menu data from men...

il menu data from men...

category='breakfast' me...

category=breakfast men...

ts

sts

Launchpad

GET Get category=breakfast menu d...

GET Get category='breakfast' menu...

No Environment

Get category=breakfast menu data from menu2_71 (RLS)

Examples 0

BUILD

GET

https://sjpcdtwnasaskkldq.supabase.co/rest/v1/menu2_71?select=*&category=eq.breakfast

Send

Save

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

Cookies

Code

Query Params

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/>	select	*			
<input checked="" type="checkbox"/>	category	eq.breakfast			
	Key	Value	Description		

Body

Cookies

Headers (19)

Test Results

Status: 200 OK

Time: 1230 ms

Size: 1.32 KB

Save Response

Pretty

Raw

Preview

Visualize

JSON

16

17

18

19

20

21

22

23

24

25

26

```
    "descrip": "Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita"
  },
  {
    "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"
  }
}
```

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)

The screenshot shows a REST client interface with a POST request to `https://sjpcdtwrnasasskklq.supabase.co/rest/v1/menu_71`. The request body is a JSON object with the following fields:

```
{  "id": "10",  "title": "joseph-gonzalez",  "category": "breakfast",  "price": "9.99",  "img": "https://sjpcdtwrnasasskklq.supabase.co/storage/v1/object/public/md-img/w13-3-2.PNG?t=2023-05-11T06%3A30%3A04.358Z",  "descrip": "If you use this photo send me a link and I'll help share your content. Or tag me or hashtag me if you'd like at"}
```

The response status is **201 Created**, with a time of **914 ms** and a size of **474 B**. The response is currently empty, and the status bar at the bottom shows the 'Pretty' view selected.

Launchpad

GET Get catrgory= 'breakfast' menu...X

POST Create a menu data and save...

+

...

No Environment

Get catrgory= 'breakfast' menu data from menu_71 (no RLS)

Examples 0BUILD

GET

https://sjpcedtwrnasasskzklq.supabase.co/rest/v1/menu_71?select=*%&category=eq.breakfast

Send

Save

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

Cookies

Query Params

	KEY	VALUE	DESCRIPTION	...	Bulk E
<input checked="" type="checkbox"/>	select	*			
<input type="checkbox"/>	category	breakfast			
<input checked="" type="checkbox"/>	category	eq.breakfast			
	Key	Value	Description		

Body

Cookies

Headers (19)

Test Results

Status: 200 OK

Time: 453 ms

Size: 2.73 KB

Save Response

Pretty

Raw

Preview

Visualize

JSON

62

63

64

65

66

67

68

69

70

71

72

73

74

"price": 15.59,

"img": "/menu/images/item-9.jpeg",

"descrip": "Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. E"

},

{

"id": 10,

"title": "joseph-gonzalez",

"category": "breakfast",

"price": 9.99,

"img": "https://sjpcedtwrnasasskzklq.supabase.co/storage/v1/object/public/md-img/w13-3-2.PNG?t=2023-05-11T06%3A30%3A04.358Z",

"descrip": "If you use this photo send me a link and I'll help share your content. Or tag me or hashtag me if you'd like at"

}

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

NewImportRunner

My Workspace

Invite

No Environment

Filter

Launchpad

GET Get catrgory='brea...

POST Create a menu dat...

POST Create a menu dat...

History

Collections

APIs

New Collection

Trash

1112-supabase-71

6 requests

Get all menu data from men...

Get all menu data from men...

Get catrgory='breakfast' me...

Get category='breakfast' men...

POST Create a menu data and save...

POST Create a menu data into men...

Natours

5 requests

Create a menu data into menu2_71 (RLS)

Examples 0

BUILD

POST

https://sjpcdtwnasasskzklq.supabase.co/rest/v1/menu2_71

Send

Save

Params

Authorization

Headers (11)

Body

Pre-request Script

Tests

Settings

Headers

8 hidden

KEY	VALUE	DESCRIPTION	...	Bulk Edit	Presets
<input checked="" type="checkbox"/> apikey	eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJzdXBhYnEiLCJhbnR5bSI6bnVzIiwiYXpwcm9udGVwbGUiOiY9				
<input checked="" type="checkbox"/> Authorization	Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJzdXBhYnEiLCJhbnR5bSI6bnVzIiwiYXpwcm9udGVwbGUiOiY9				
<input checked="" type="checkbox"/> Content-Type	application/json				
Key	Value	Description			

Body

Cookies

Headers (15)

Test Results

Status: 201 Created

Time: 882 ms

Size: 474 B

Save Response

Pretty

Raw

Preview

Visualize

Text

1

Filter

story

Collections

APIs

New Collection

Trash

1112-supabase-71

6 requests

Get all menu data from men...

Get all menu data from men...

Get catrgory= 'breakfast' me...

Get category=breakfast men...

Create a menu data and save...

Create a menu data into men...

Natours

5 requests

Launchpad

GET Get catrgory...

POST Create a me...

POST Create a me...

GET Get category... X

+

...

No Environment

Examples 0

BUILD

Get category=breakfast menu data from menu2_71 (RLS)

GET

https://sjpcdtwrnasasskzklq.supabase.co/rest/v1/menu2_71?select*&category=eq.breakfast

Send

Save

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

Cookies

Code

Query Params

KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/> select	*			
<input checked="" type="checkbox"/> category	eq.breakfast			
Key	Value	Description		

Body

Cookies

Headers (19)

Test Results

Status: 200 OK

Time: 637 ms

Size: 1.64 KB

Save Response

Pretty

Raw

Preview

Visualize

JSON

23

24

25

26

27

28

29

30

31

32

33

34

```
    "img": "/menu/images/item-.jpeg",
    "descrip": "Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. Enim voluptas, expedita"
  },
  {
    "jd": 10,
    "title": "joseph-gonzalez",
    "category": "breakfast",
    "price": 9.99,
    "img": "https://sjpcdtwrnasasskzklq.supabase.co/storage/v1/object/public/md-img/w13-3-2.PNG?t=2023-05-11T06%3A30%3A04.358Z",
    "descrip": "If you use this photo send me a link and I'll help share your content. Or tag me or hashtag me if you'd like at"
  }
}
```