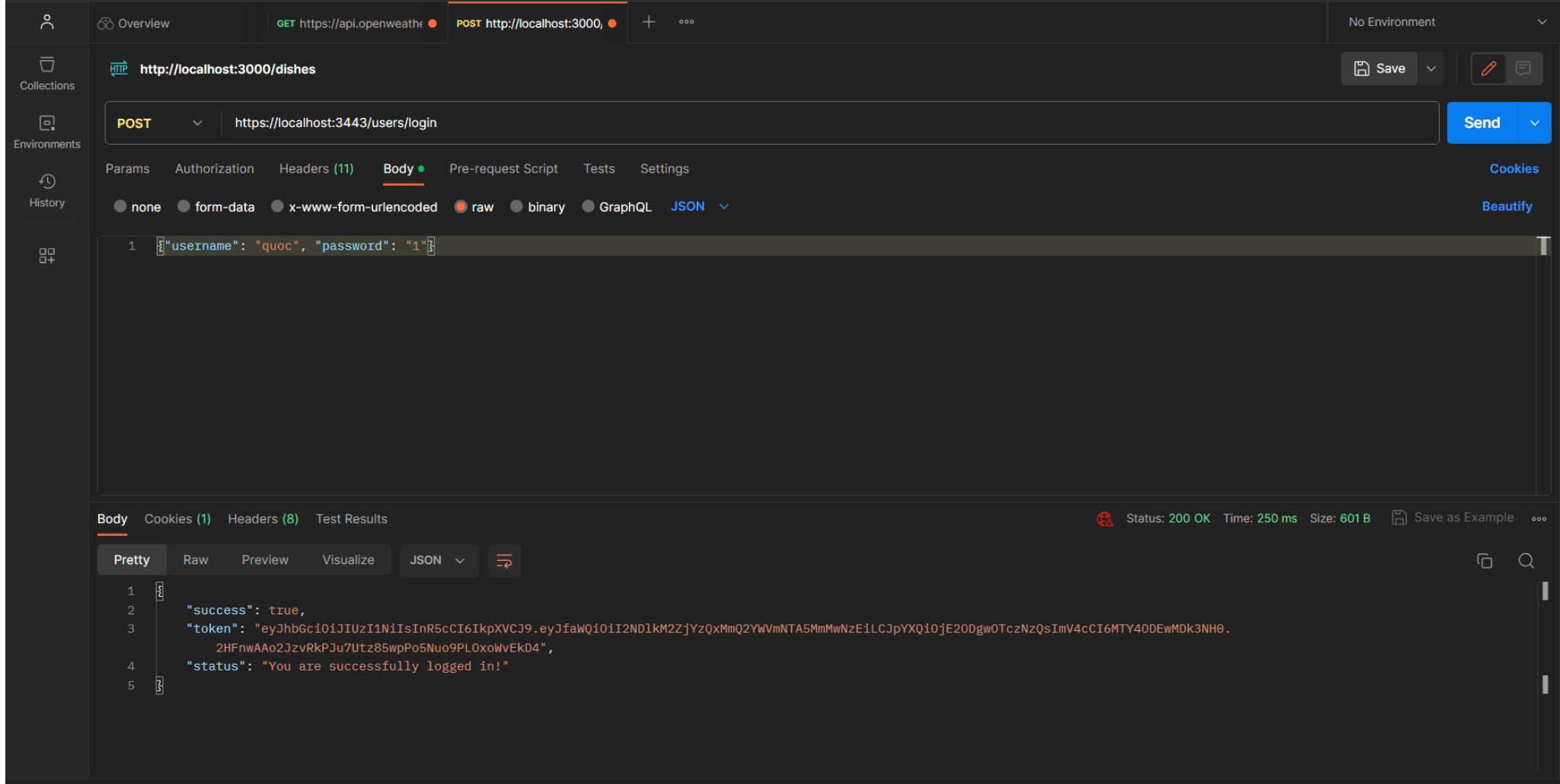


Signup/Login
completed



Student Name: Tran Minh Quoc
Student ID: DE160598
Class: SE1604

Overview GET https://api.openweathr GET http://localhost:3000/c + ... No Environment

HTTP http://localhost:3000/dishes Save

GET https://localhost:3443/teachers Send

Params Authorization Headers (13) Body Pre-request Script Tests Settings Cookies

Headers 9 hidden

	Key	Value	Description	...	Bulk Edit	Presets
<input type="checkbox"/>	Origin	https://localhost:3443				
<input type="checkbox"/>	access_token	EAAEDo42eCf8BAJYvwH4PRfSfVXPMVRAVOhVodop3wZA1YIZCRQDhM...				
<input checked="" type="checkbox"/>	Authorization	bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJfaWQiOiI2NDIzM2JYzQ				Delete
<input checked="" type="checkbox"/>	Content-Type	application/json				
	Key	Value	Description			

Body Cookies (1) Headers (7) Test Results Status: 200 OK Time: 22 ms Size: 521 B Save as Example

Pretty Raw Preview Visualize JSON

```
1 {
2   "_id": "649e53cf7c71b4bb32a21c01",
3   "name": "Nguyen Van A",
4   "dob": "1985-12-02T17:00:00.000Z",
5   "address": "ABC",
6   "image": "images/nodejs.png",
7   "salary": 19000.99
8 },
9 {
10 }
```

Online Find and replace Console Runner Capture requests Cookies Trash

GET/teachers method success

Switched to admin to execute POST, PUT, DELETE method in teacher database

```
teacher> db.users.find({"username": "admin"})
[
  {
    _id: ObjectId("649e55cdefffd620122d930c"),
    firstname: '',
    lastname: '',
    admin: true,
    username: 'admin',
    salt: '1cc6664c9b20f6e84ea1d9b02359c8c2d2e6ee3d05e93e3beea1faf7dc2a5784',
    hash: '5461e8b8e302e64fa2cdebfb4e4f4fbbe190411c210e7c217c7bc0aa05440434af8077a2649495cfbf87d3dca1ed02842cf4e921fc083771bb24696b5632625d8d3e9f5b33818630b14aba4fbbfcd0ad405b7ae30425ae490339b62c357578f2d0b3ed9f1ad75b95aa7869c72bb7d4f0b5c4afacc7572cc64e14d04a23fbd598123170230a52b9bb6db656a6e7c8c5f9269b352114ac2a40b1cbfd07db191354ff9e78b0cd7f7843d14e2f5af3b84f3f8aefec118f83f033770ea283e2a0363b140de21ffba50651911f98c1aad48b0bc9a47c608d856f9a8a3843a4a3cc8a848839ba676528f6c038ac5224c3b6d7f52b8fb109d5e0fb7e6b0d5b1d11c8de691a4db33aba546af8bf8e83d4ec0b8c633f1d3ac9713d33f19002675d877a549f2fbf09177d670135edb4d34e391d84bb429a1e3c4a5f612578ac4dfad3b7c2040d2492a54214db1d5b0a050d849998a403ed53416c8321ea089199cc5c4f99960c4cc2f7ea7b95c41964ed6d91d04013d68f7d4d898f36b686b6b94d5d5d6089ec58c7e53264884629a894dfdb6c455eb0fcc24ae38e6878c8bc5d71c4fac5af57cdf63f789f8ee6259536449528d15fb37e9fa01caa8e9481284a88a76cffa475361c3262d2ab03b3e497367215c1b97bfc2092664c6fe482421328d4c1cd5ab87e3415d13a2a203af8dc493867f3c82da4b4aa6436f566387c2afc86f5560',
    __v: 0
  }
]
```

POST

https://localhost:3443/users/login

Send

Params

Authorization

Headers (13)

Body

Pre-request Script

Tests

Settings

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

1

```
{ "username": "admin", "password": "1" }
```

Body

Cookies (1)

Headers (8)

Test Results

Status: 200 OK

Time: 245 ms

Size: 605 B

Save as Example

Pretty

Raw

Preview

Visualize

JSON

1

2

3

4

5

```
{
  "success": true,
  "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJfawQiOiI2ND11NTVjZGVmZmZkNjIwMTIyZDkzMGMiLCJpYXQiOiJlE2ODgwOTkwMzksImV4cCI6MTY4ODUwEwMjYzOX0.
    0kB76A0glt-0vmSwZpdxFR0tKXm1TdijeCLZkHb51Rs",
  "status": "You are successfully logged in!"
}
```

Logged in as ADMIN

POST

https://localhost:3443/teachers

Send

Params

Authorization

Headers (13)

Body

Pre-request Script

Tests

Settings

Cookies

Beautify

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

```
1 {
2   "name": "Nguyen Thi X",
3   "Dob": "12-3-1999",
4   "address": "A1B2C3",
5   "image": "images/x_teacher.png",
6   "salary": "20000.9"
7 }
8
```

Body

Cookies (1)

Headers (7)

Test Results

Status: 200 OK

Time: 25 ms

Size: 445 B

Save as Example

Pretty

Raw

Preview

Visualize

JSON

```
1 {
2   "name": "Nguyen Thi X",
3   "address": "A1B2C3",
4   "image": "images/x_teacher.png",
5   "salary": 20000.9,
6   "_id": "649e5973efffd620122d9315",
7   "createdAt": "2023-06-30T04:26:27.531Z",
8   "updatedAt": "2023-06-30T04:26:27.531Z",
9   "__v": 0
10 }
```

POST method execute succeed

POST https://localhost:3443/teachers

Params Authorization Headers (13) Body Pre-request Script

none form-data x-www-form-urlencoded raw binary

```
1 {
2   "name": "Nguyen Thi X",
3   "Dob": "12-3-1999",
4   "address": "A1B2C3",
5   "image": "images/x_teacher.png",
6   "salary": "20000.9"
7 }
8
```

Body Cookies (1) Headers (7) Test Results

Pretty Raw Preview Visualize JSON

```
1 {
2   "name": "Nguyen Thi X",
3   "address": "A1B2C3",
4   "image": "images/x_teacher.png",
5   "salary": 20000.9,
6   "_id": "649e5973efffd620122d9315",
7   "createdAt": "2023-06-30T04:26:27.531Z",
8   "updatedAt": "2023-06-30T04:26:27.531Z",
9   "__v": 0
10 }
```



PUT method succeed

PUT https://localhost:3443/teachers/649e5973efffd620122d9315

Params Authorization Headers (13) Body Pre-request Script Tests

none form-data x-www-form-urlencoded raw binary GraphQL

```
1 {
2   "name": "Nguyen Thi X",
3   "Dob": "12-3-1999",
4   "address": "A1B2C3",
5   "image": "images/x_teacher.png",
6   "salary": "22000.9"
7 }
8
```

Body Cookies (1) Headers (7) Test Results

Pretty Raw Preview Visualize JSON

```
1 {
2   "_id": "649e5973efffd620122d9315",
3   "name": "Nguyen Thi X",
4   "address": "A1B2C3",
5   "image": "images/x_teacher.png",
6   "salary": 22000.9,
7   "createdAt": "2023-06-30T04:26:27.531Z",
8   "updatedAt": "2023-06-30T04:30:50.174Z",
9   "__v": 0
10 }
```

DELETE
method
succeed

The screenshot displays a REST client interface with a dark theme. At the top, a 'DELETE' button is visible next to the URL `https://localhost:3443/teachers/649e5973efffd620122d9315`. Below the URL bar, there are tabs for 'Params', 'Authorization', 'Headers (13)', 'Body', 'Pre-request Script', 'Tests', and 'Settings'. The 'Body' tab is selected and underlined. Under the 'Body' tab, there are radio buttons for 'none', 'form-data', 'x-www-form-urlencoded', 'raw', 'binary', and 'GraphQL', followed by a 'JSON' button with a dropdown arrow. The 'raw' radio button is selected. The body content is a JSON object:

```
1 {
2   "name": "Nguyen Thi X",
3   "Dob": "12-3-1999",
4   "address": "A1B2C3",
5   "image": "images/x_teacher.png",
6   "salary": "22000.9"
7 }
8
```

 Below the body editor, there are tabs for 'Body', 'Cookies (1)', 'Headers (7)', and 'Test Results'. The 'Body' tab is selected. To the right of these tabs, there is a globe icon and the text 'Status: 200 OK'. Below the tabs, there are buttons for 'Pretty', 'Raw', 'Preview', 'Visualize', and a 'JSON' button with a dropdown arrow. The 'Pretty' button is selected. The response body is displayed in a formatted JSON object:

```
1 {
2   "_id": "649e5973efffd620122d9315",
3   "name": "Nguyen Thi X",
4   "address": "A1B2C3",
5   "image": "images/x_teacher.png",
6   "salary": 22000.9,
7   "createdAt": "2023-06-30T04:26:27.531Z",
8   "updatedAt": "2023-06-30T04:30:50.174Z",
9   "__v": 0
10 }
```

Next slide to see more of this method! ->>>

Teacher with name “Nguyen Thi X” is no longer appear in the database



```
teacher> db.teachers.find().pretty()
[
  {
    _id: ObjectId("649e53cf7c71b4bb32a21c01"),
    name: 'Nguyen Van A',
    dob: '12-3-1985',
    address: 'ABC',
    image: 'images/nodejs.png',
    salary: '19000.99'
  },
  {
    _id: ObjectId("649e53ff7c71b4bb32a21c03"),
    name: 'Tran Minh B',
    Dob: '12-3-1988',
    address: 'XYZ',
    image: 'images/B.png',
    salary: '17000.55'
  }
]
```


POST

https://localhost:3443/imageUpload

Params

Authorization

Headers (10)

Body

Pre-request Script

Tests

Settings

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

	Key	Value
<input checked="" type="checkbox"/>	imageFile	teacher.jpg
	Key	Value

Body

Cookies (1)

Headers (7)

Test Results

Pretty

Raw

Preview

Visualize

JSON

```
1 {
2   "fieldname": "imageFile",
3   "originalname": "teacher.jpg",
4   "encoding": "7bit",
5   "mimetype": "image/jpeg",
6   "destination": "public/images",
7   "filename": "teacher.jpg",
8   "path": "public\\images\\teacher.jpg",
9   "size": 9590537
10 }
```

imageUpload API succeed

- > bin
- > models
- > node_modules
- > public
 - > images
 - teacher.jpg
 - > stylesheets
- index.html
- > routes
- > sessions
- > views
- .gitignore
- app.js
- authenticate.js
- config.js
- package-lock.json
- package.json

Image
"teacher.jpg"
is founded
inside project
folder

Facebook Auth

← ↻ ⚠ Not secure | https://localhost:3443/index.html

Index.html

This is the contents of this file



Thanks for logging in, Minh Quốc!

statusChangeCallback

▼ Object i

authResponse: {accessToken: 'EAAN082AZBWpQ

status: "connected"

[[Prototype]]: Object

Welcome! Fetching your information....

Successful login for: Minh Quốc

Login with facebook succeed

Facebook access token:

EAAN082AZBWpQBAPfsMeSeAM9IDn
DdX6Dyi6BraHj2cKqbQzI9RUf95A
HXsBbDMfVYEbnEeUiHhco7bLGiS6
XZAd10kjXMwK5EuRaSZCrGDZA5s0
0poLTQTZACkDwnja0JQ1AYbk51YD
cw72qt2kwcTSvORiJuZBLquInWZA
sMuFURwzmTiflApX6zNRe7iHnagZ
D

GET ▼ https://localhost:3443/users/facebook/token

Params Authorization **Headers (11)** Body ● Pre-request Script Tests Settings

Headers 👁 9 hidden

	Key	Value	Description
<input checked="" type="checkbox"/>	Authorization	Bearer EAAN082AZBWpQBAPfsMeSeAM9IDnDdX6Dyi6BraHj2cKqbQzl9...	
<input checked="" type="checkbox"/>	Origin	https://localhost:3443	
	Key	Value	Description

Body Cookies (1) Headers (8) Test Results 🌐 Status: 200 OK Time

Pretty Raw Preview Visualize JSON ⌵ ↺

```
1 {
2   "success": true,
3   "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJfawQiOiI2ND1lNjEwNjFmNzQ4ZjExNmVhYmZhZWUiLCJpYXQiOiJlE2ODgxMDEwMjYsImV4cCI6MTY4ODUwNDcyNn0.KRJvquHVb2fXw4fPccg1rSS2qnyDLsgyqaGiKbg2gZ0",
4   "status": "You are successfully logged in!"
5 }
```

Facebook token is defined
inside Postman header

GET token succeed

```

teacher> db.users.find().pretty()
[
  {
    _id: ObjectId("649d3fcc412d6aef5092c071"),
    firstname: '',
    lastname: '',
    admin: false,
    username: 'quoc',
    salt: '242f82ebb32485932d64156b72f48744fc4fa',
    hash: 'c70ce6c9384f34bd2e81c9dcafe87c3e8ba3d
2a9acef842d613edc5b1306fc602a95e9e2c7047cc22f6fe
eef507d2a95883597ae1666102fbb18fd00bb7cdef09643d
b81c52411fe2401975cd022188be786f0309efd61b58726a
688ccfa01d0f84476f9edd75b79e832d010363af9b9c68d5
    __v: 0
  },
  {
    _id: ObjectId("649e55cdefffd620122d930c"),
    firstname: '',
    lastname: '',
    admin: true,
    username: 'admin',
    salt: '1cc6664c9b20f6e84ea1d9b02359c8c2d2e6e',
    hash: '5461e8b8e302e64fa2cdebfb4e4f4fbbe190
ed9f1ad75b95aa7869c72bb7d4f0b5c4afacc7572cc64e14
98c1aad48b0bc9a47c608d856f9a8a3843a4a3cc8a848839
1e3c4a5f612578ac4dfad3b7c2040d2492a54214db1d5b0a
5d71c4fac5af57cdf63f789f8ee6259536449528d15fb37e
    __v: 0
  },
  {
    _id: ObjectId("649e61061f738f116eabfaee"),
    firstname: '',
    lastname: '',
    facebookId: '948346406218497',
    admin: false,
    username: 'Minh Quốc',
    __v: 0
  }
]
teacher> |

```



Facebook user is founded in
database!