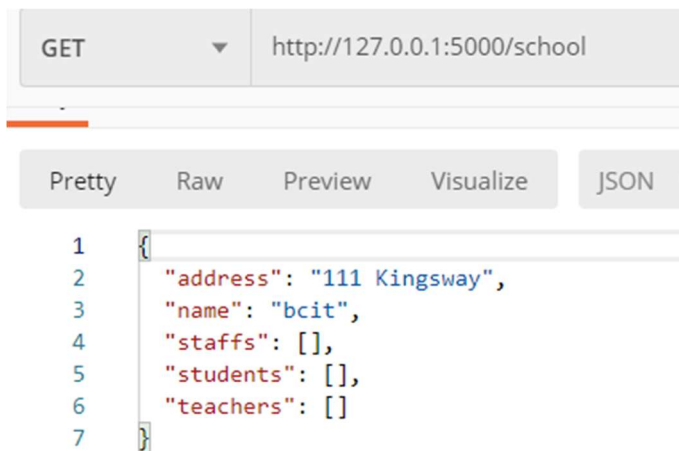


GET /school

- Request: None
- Response: List of Entity JSON (can be empty)
- Returns 200 OK on success
- Returns 400 and an error message if the entity object is invalid

Success:

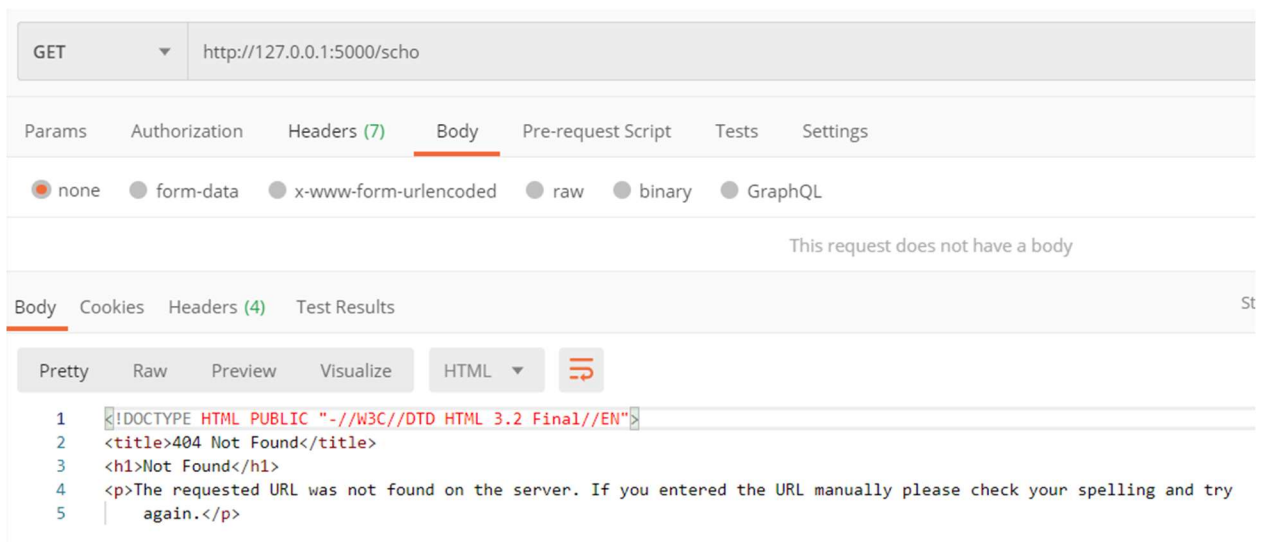


```
GET http://127.0.0.1:5000/school

Pretty Raw Preview Visualize JSON

1 {
2   "address": "111 Kingsway",
3   "name": "bcit",
4   "staffs": [],
5   "students": [],
6   "teachers": []
7 }
```

Failed:



```
GET http://127.0.0.1:5000/scho

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

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

This request does not have a body

Body Cookies Headers (4) Test Results

Pretty Raw Preview Visualize HTML

1 <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2 Final//EN">
2 <title>404 Not Found</title>
3 <h1>Not Found</h1>
4 <p>The requested URL was not found on the server. If you entered the URL manually please check your spelling and try
5 again.</p>
```

POST /school/student

- Request: Entity JSON
- Response: Id of new Entity OR error message
- Returns 200 OK on success
- Returns 400 and an error message if the entity object is invalid

The screenshot shows a REST client interface with the following components:

- Method and URL:** POST http://127.0.0.1:5000/school/student
- Request Body:** A JSON object with the following fields:

```
1 {  
2   "fname": "Bao",  
3   "lname": "Liao",  
4   "id": 20,  
5   "age": 13,  
6   "tuition": 32876,  
7   "courses": "math"  
8 }
```
- Response:** The response is 200, displayed in the bottom section under the 'Body' tab.

The screenshot shows a REST client interface with the following details:

- Method:** POST
- URL:** http://127.0.0.1:5000/school/stud
- Body Type:** JSON
- Body Content:**

```
1 {  
2   "fname": "Bao",  
3   "lname": "Liao",  
4   "id": 20,  
5   "age": 13,  
6   "tuition": 32876,  
7   "courses": "math"  
8 }
```
- Response Body:**

```
1 <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2 Final//EN">  
2 <title>404 Not Found</title>  
3 <h1>Not Found</h1>  
4 <p>The requested URL was not found on the server. If you entered the URL manually please check your spelling and try  
5   again.</p>
```

GET /school/student/<entity_id>

- Request: None
- Response: Entity JSON OR error message
- Returns 200 OK on success
- Returns 404 and an error message if the entity object does not exist

GET

http://127.0.0.1:5000/school/student/20

Params

Authorization

Headers (8)

Body

Pre-request S

☒ none

☐ form-data

☐ x-www-form-urlencoded

☐ raw

☐

Body

Cookies

Headers (4)

Test Results

Pretty

Raw

Preview

Visualize

JSON

1

[

2

{

3

"age": 13,

4

"courses": "math",

5

"fname": "Bao",

6

"id": 20,

7

"lname": "Liao",

8

"tuition": 32876

9

},

10

200

11

]

GET http://127.0.0.1:5000/school/student/21

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings

● none ● form-data ● x-www-form-urlencoded ● **raw** ● binary ● GraphQL **JSON**

```
1 {  
2   "fname": "Bao",  
3   "lname": "Liao",  
4   "id": 22,  
5   "age": 13,  
6   "tuition": 32876,  
7   "courses": "math"  
8 }
```

Body Cookies Headers (4) Test Results Status: 404 NOT FOUND

Pretty Raw Preview Visualize HTML ↺

1 Student not found

DELETE /school/student/<entity_id>

- Request: None
- Response: "Entity deleted" OR error message
- Returns 200 OK on success
- Returns 404 and an error message if the entity object does not exist

DELETE

http://127.0.0.1:5000/school/student/20/delete

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

Query Params

	KEY	VALUE	
	Key	Value	

Body

Cookies

Headers (4)

Test Results

Status: 200 OK

Pretty

Raw

Preview

Visualize

HTML

1 Entity deleted

DELETE

http://127.0.0.1:5000/school/student/145/delete

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

Query Params

	KEY	VALUE	
	Key	Value	

Body

Cookies

Headers (4)

Test Results

Status: 404 NOT FOUND

Pretty

Raw

Preview

Visualize

HTML

1 Student not found

POST /school/staff

- Request: Entity JSON
- Response: Id of new Entity OR error message
- Returns 200 OK on success
- Returns 404 and an error message if the entity object is invalid

POST

▼

http://127.0.0.1:5000/school/staff

Params

Authorization

Headers (9)

Body ●

Pre-request Script

Tests

Settings

● none

● form-data

● x-www-form-urlencoded

● raw

● binary

● GraphQL

JSON

1 {

2 "fname": "Bob",

3 "lname": "Lee",

4 "id": 33,

5 "age": 13,

6 "salary": 32876,

7 "position": "cleaner"

8 }

Body

Cookies

Headers (4)

Test Results

Status: 200 OK

Pretty

Raw

Preview

Visualize

HTML ▼

1

33

POST http://127.0.0.1:5000/school/st

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings

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

```
1 {  
2   "fname": "Bob",  
3   "lname": "Lee",  
4   "id": 33,  
5   "age": 13,  
6   "salary": 32876,  
7   "position": "cleaner"  
8 }
```

Body Cookies Headers (4) Test Results Status: 404 NOT FOUND

Pretty Raw Preview Visualize HTML

```
1 <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2 Final//EN">  
2 <title>404 Not Found</title>  
3 <h1>Not Found</h1>  
4 <p>The requested URL was not found on the server. If you entered the URL manually
```

GET /school/staff/<entity_id>

- Request: None
- Response: Entity JSON OR error message
- Returns 200 OK on success
- Returns 404 and an error message if the entity object does not exist

GET

http://127.0.0.1:5000/school/staff/33

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

☒ none

☐ form-data

☐ x-www-form-urlencoded

☐ raw

☐ binary

☐ GraphQL

This request does not have a body

Body

Cookies

Headers (4)

Test Results

Status: 200 OK

Pretty

Raw

Preview

Visualize

JSON

1

[

2

{

3

"age": 13,

4

"fname": "Bob",

5

"id": 33,

6

"lname": "Lee",

7

"position": "cleaner",

8

"salary": 32876

9

},

10

200

11

]

GET

http://127.0.0.1:5000/school/staff/34

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

☒ none

☐ form-data

☐ x-www-form-urlencoded

☐ raw

☐ binary

☐ GraphQL

This request does not have a body

Body

Cookies

Headers (4)

Test Results

Status: 404 NOT FOUND

Pretty

Raw

Preview

Visualize

HTML

1

staff not found

DELETE /school/staff/<entity_id>

- Request: None
- Response: "Entity deleted" OR error message
- Returns 200 OK on success
- Returns 404 and an error message if the entity object does not exist

DELETE

http://127.0.0.1:5000/school/staff/33/delete

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

Query Params

KEY	VALUE	D
Key	Value	L

Body

Cookies

Headers (4)

Test Results

Status: 200 OK

Pretty

Raw

Preview

Visualize

HTML

1 Entity deleted

DELETE

http://127.0.0.1:5000/school/staff/34/delete

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

Query Params

KEY	VALUE
Key	Value

Body

Cookies

Headers (4)

Test Results

Status: 404 NOT FOUND

Pretty

Raw

Preview

Visualize

HTML

1 staff not found

POST /school/teacher

- Request: Entity JSON
- Response: Id of new Entity OR error message
- Returns 200 OK on success
- Returns 404 and an error message if the entity object is invalid

POST

http://127.0.0.1:5000/school/teacher

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

1

{

2

"fname": "Paul",

3

"lname": "Chen",

4

"id": 14,

5

"age": 53,

6

"salary": 32876,

7

"courses": "math"

8

}

Body

Cookies

Headers (4)

Test Results

Status: 200 OK

Pretty

Raw

Preview

Visualize

HTML

1

14

POST http://127.0.0.1:5000/school/tea

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings

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

```
1 {
2   "fname": "Paul",
3   "lname": "Chen",
4   "id": 14,
5   "age": 53,
6   "salary": 32876,
7   "courses": "math"
8 }
```

Body Cookies Headers (4) Test Results Status: 404 NOT FOUND

Pretty Raw Preview Visualize HTML

```
1 <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2 Final//EN">
2 <title>404 Not Found</title>
3 <h1>Not Found</h1>
4 <p>The requested URL was not found on the server. If you entered the URL manually
5   again.</p>
```

GET /school/teacher/<entity_id>

- Request: None
- Response: Entity JSON OR error message
- Returns 200 OK on success
- Returns 404 and an error message if the entity object does not exist

GET

http://127.0.0.1:5000/school/teacher/14

Params

Authorization

Headers (7)

Body

Pre-request Script

Tests

Settings

☒ none

☐ form-data

☐ x-www-form-urlencoded

☐ raw

☐ binary

☐ GraphQL

This request does not have a body

Body

Cookies

Headers (4)

Test Results

Status: 200 OK

Pretty

Raw

Preview

Visualize

JSON

1

[

2

{

3

"age": 53,

4

"courses": "math",

5

"fname": "Paul",

6

"id": 14,

7

"lname": "Chen",

8

"salary": 32876

9

},

10

200

11

]

GET

http://127.0.0.1:5000/school/teacher/15

Params

Authorization

Headers (7)

Body

Pre-request Script

Tests

Settings

☒ none

☐ form-data

☐ x-www-form-urlencoded

☐ raw

☐ binary

☐ GraphQL

This request does not have a body

Body

Cookies

Headers (4)

Test Results

Status: 404 NOT FOUND

Pretty

Raw

Preview

Visualize

HTML

1

teacher not found

DELETE /school/teacher/<entity_id>

- Request: None
- Response: "Entity deleted" OR error message
- Returns 200 OK on success
- Returns 404 and an error message if the entity object does not exist

DELETE

http://127.0.0.1:5000/school/teacher/14/delete

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

☒ none

☐ form-data

☐ x-www-form-urlencoded

☐ raw

☐ binary

☐ GraphQL

This request does not have a body

Body

Cookies

Headers (4)

Test Results

Status: 200 OK

Pretty

Raw

Preview

Visualize

HTML

1

Entity deleted

DELETE

http://127.0.0.1:5000/school/teacher/15/delete

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

☒ none

☐ form-data

☐ x-www-form-urlencoded

☐ raw

☐ binary

☐ GraphQL

This request does not have a body

Body

Cookies

Headers (4)

Test Results

Status: 404 NOT FOUND

Pretty

Raw

Preview

Visualize

HTML

1

teacher not found

GET /school/stats

- Request: None
- Response: the number of different people OR error message
- Returns 200 OK on success
- Returns 400 and an error message

The screenshot shows a REST client interface with the following details:

- Method:** GET
- URL:** http://127.0.0.1:5000/school/stats
- Body:** none (selected)
- Status:** 200 OK
- Response Body:** There is 0 students, 0 staff and 0 teachers in bcit

The screenshot shows a REST client interface with the following details:

- Method:** GET
- URL:** http://127.0.0.1:5000/school/st
- Body:** none (selected)
- Status:** 404 NOT FOUND
- Response Body:**

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2 Final//EN">
<title>404 Not Found</title>
<h1>Not Found</h1>
<p>The requested URL was not found on the server. If you entered the URL manually pl
again.</p>
```