

1.API Testing

1.1add new project

Succeed

HTTP mid / http://localhost:3000/api/projects

POST http://localhost:3000/api/projects

Params Auth Headers (8) Body Scripts Settings Cookies Beautify

raw JSON

```
1 {
2   "title": "projects-3",
3   "firstname": "chen",
4   "lastname": "chenFaith",
5   "email": "3chen@yahoo.com",
6   "description": "goodman"
7 }
```

Body 200 OK 6 ms 270 B Save Response

{ JSON Preview Visualize

```
1 {
2   "message": "Successfully Created!"
3 }
```

HTTP mid / http://localhost:3000/api/projects

POST http://localhost:3000/api/projects

Params Authorization Headers (8) Body Scripts Settings

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

```
1 {
2   "title": "projects-13",
3   "firstname": "chen",
4   "lastname": "chenFaith",
5   "email": "3chen@yahoo.com",
6   "description": "goodman"
7 }
```

Body Cookies Headers (7) Test Results

{ JSON Preview Visualize

```
1 {
2   "message": "Successfully Created!"
3 }
```

Failed
Error reason is double email

mid / http://localhost:3000/api/projects

POST http://localhost:3000/api/projects

Params Authorization Headers (8) Body Scripts Settings

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL ☐ JSON

```
1 {
2   "title": "projects-4",
3   "firstname": "chen",
4   "lastname": "chenFaith",
5   "email": "4chen@yahoo.com",
6   "description": "goodman"
7 }
```

Body Cookies Headers (7) Test Results 400 Bad Request

{ } JSON Preview Visualize

```
1 { }
```

```
MongoServerError: E11000 duplicate key error collection: Skeleton.projects index: email_1 dup key: { email: "4chen@yahoo.com" }
    at InsertOneOperation.execute (D:\mid\COMP229-F2024-MidTerm-301034450\node_modules\mongodb\lib\operations\insert.js:51:19)
    at process.processTicksAndRejections (node:internal/process/task_queues:105:5)
    at async tryOperation (D:\mid\COMP229-F2024-MidTerm-301034450\node_modules\mongodb\lib\operations\execute_operation.js:207:20)
    at async executeOperation (D:\mid\COMP229-F2024-MidTerm-301034450\node_modules\mongodb\lib\operations\execute_operation.js:75:16)
    at async Collection.insertOne (D:\mid\COMP229-F2024-MidTerm-301034450\node_modules\mongodb\lib\collection.js:157:16) {
  errorLabelSet: Set(0) {},
  errorResponse: {
    index: 0,
    code: 11000,
    errmsg: 'E11000 duplicate key error collection: Skeleton.projects index: email_1 dup key: { email: "4chen@yahoo.com" }',
    keyPattern: { email: 1 },
    keyValue: { email: '4chen@yahoo.com' }
  },
  index: 0,
  code: 11000,
  keyPattern: { email: 1 },
  keyValue: { email: '4chen@yahoo.com' }
}
```

1.2 get all projects

Succeed

HTTPmid / http://localhost:3000/api/projects

GET

http://localhost:3000/api/projects

ParamsAuthorizationHeaders (6)BodyScriptsSettings

Query Params

	Key	Value	Description
--	-----	-------	-------------

BodyCookiesHeaders (7)Test ResultsTest Results200 OK11 ms84

{ }JSON

PreviewVisualize

```
1  [
2    {
3      "_id": "67c79d6cdd862582db100d37",
4      "title": "DavidChen",
5      "firstname": "chen@yahoo.com",
6      "lastname": "chenFaith",
7      "email": "chen@yahoo.com",
8      "description": "goodman"
9    },
10   {
11     "_id": "67c79dcbdd862582db100d3d",
12     "title": "projects-one",
13     "firstname": "chen",
14     "lastname": "chenFaith",
15     "email": "1chen@yahoo.com",
16     "description": "goodman"
17   },
18   {
19     "_id": "67c79dd4dd862582db100d3f",
20     "title": "projects-2",
21     "firstname": "chen",
22     "lastname": "chenFaith",
23     "email": "2chen@yahoo.com",
24     "description": "goodman"
25   },
26   {
27     "_id": "67c79ddcdd862582db100d41",
28     "title": "projects-3",
```

Failed
Wrang URL

HTTPmid / http://localhost:3000/api/projects

GET

http://localhost:3000/api/projectsa

ParamsAuthorizationHeaders (6)BodyScriptsSettings

Query Params

	Key	Value	Desc
--	-----	-------	------

BodyCookiesHeaders (19)Test ResultsTest Results404 Not Found4

HTML

PreviewVisualize

```
1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5    <meta charset="utf-8">
6    <title>Error</title>
7  </head>
8
9  <body>
10   <pre>Cannot GET /api/projectsa</pre>
11 </body>
12
13 </html>
```

1.3 get projects by id

HTTP

mid / http://localhost:3000/api/projects/one

GET

▼

http://localhost:3000/api/projects/67c79dcbdd862582db100d3d

Params

Authorization

Headers (6)

Body

Scripts

Settings

Query Params

	Key	Value
	Key	Value

Body

Cookies

Headers (7)

Test Results

↺

{}

JSON ▼

▶ Preview

🔗 Visualize ▼

1

{

2

"_id": "67c79dcbdd862582db100d3d",

3

"title": "projects-one",

4

"firstname": "chen",

5

"lastname": "chenFaith",

6

"email": "1chen@yahoo.com",

7

"description": "goodman",

8

"__v": 0

9

}

HTTP

mid / http://localhost:3000/api/projects/one

GET

▼

http://localhost:3000/api/projects/67c7a677defdefb63f71396e

Params

Authorization

Headers (6)

Body

Scripts

Settings

Query Params

	Key	Value
	Key	Value

Body

Cookies

Headers (7)

Test Results

↺

{}

JSON ▼

▶ Preview

🔗 Visualize ▼

1

{

2

"_id": "67c7a677defdefb63f71396e",

3

"title": "projects-14",

4

"firstname": "chen",

5

"lastname": "chenFaith",

6

"email": "14chen@yahoo.com",

7

"description": "goodman",

8

"__v": 0

9

}

Failed
Error reason wrong id

HTTP

mid / http://localhost:3000/api/projects/one

GET

⌵

http://localhost:3000/api/projects/67c7a677defdefb63f71396e

Params

Authorization

Headers (6)

Body

Scripts

Settings

☒ none

☐ form-data

☐ x-www-form-urlencoded

☐ raw

☐ binary

☐ GraphQL

This request does not have a body

Body

Cookies

Headers (7)

Test Results

⌛

400 Bad Request

⌵

{ } JSON

⌵

▶ Preview

🔗 Visualize

⌵

1 {

2 | "error": "project not found"

3 }

1.4 update project by id

mid / http://localhost:3000/api/projects/one Copy

PUT http://localhost:3000/api/projects/67c79dcbbd862582db100d3d

Params Authorization Headers (8) Body ● Scripts Settings

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL JSON ▼

```
1 {
2   "title": "projects-update",
3   "firstname": "chen",
4   "lastname": "chenFaith",
5   "email": "333333chen@yahoo.com",
6   "description": "goodman"
7 }
```

Body Cookies Headers (7) Test Results 200 OK 24 ms 401 B

{ JSON ▼ Preview Visualize ▼

```
1 {
2   "_id": "67c79dcbbd862582db100d3d",
3   "title": "projects-update",
4   "firstname": "chen",
5   "lastname": "chenFaith",
6   "email": "333333chen@yahoo.com",
7   "description": "goodman",
8   "__v": 0
9 }
```

PUT http://localhost:3000/api/projects/67c7a677defdefb63f71396e

Params Authorization Headers (8) Body ● Scripts Settings

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL JSON

```
1 {
2   "title": "projects-14update",
3   "firstname": "chenupdate",
4   "lastname": "chenFaith",
5   "email": "151chen@yahoo.com",
6   "description": "goodman"
7 }
```

Body Cookies Headers (7) Test Results 200 OK

{ JSON ▼ Preview Visualize ▼

```
1 {
2   "_id": "67c7a677defdefb63f71396e",
3   "title": "projects-14update",
4   "firstname": "chenupdate",
5   "lastname": "chenFaith",
6   "email": "151chen@yahoo.com",
7   "description": "goodman",
8   "__v": 0
9 }
```

Failed

Error reason update a email which had input before.

[HTTP](#) mid / http://localhost:3000/api/projects/one Copy

PUT

http://localhost:3000/api/projects/67c7abd3bc992450a57d2371

Params Authorization Headers (8) **Body** Scripts Settings

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

```
1  {
2    "title": "projects-4",
3    "firstname": "chen",
4    "lastname": "chenFaith",
5    "email": "6chen@yahoo.com",
6    "description": "goodman"
7  }
```

Body Cookies Headers (7) Test Results ↺

400 Bad Request • 15

{} JSON ▾ ▶ Preview 🖼 Visualize ▾

1 {}

```
MongoServerError: E11000 duplicate key error collection: Skeleton.projects index: email_1 dup key: { email: "6chen@yahoo.com" }
  at UpdateOneOperation.execute (D:\mid\COMP229-F2024-MidTerm-301034450\node_modules\mongodb\lib\operations\update.js:75:19)
  at process.processTicksAndRejections (node:internal/process/task_queues:105:5)
  at async tryOperation (D:\mid\COMP229-F2024-MidTerm-301034450\node_modules\mongodb\lib\operations\execute_operation.js:207:20)
  at async executeOperation (D:\mid\COMP229-F2024-MidTerm-301034450\node_modules\mongodb\lib\operations\execute_operation.js:75:16)
  at async Collection.updateOne (D:\mid\COMP229-F2024-MidTerm-301034450\node_modules\mongodb\lib\collection.js:207:16) {
  errorLabelSet: Set(0) {},
  errorResponse: {
    index: 0,
    code: 11000,
    errmsg: 'E11000 duplicate key error collection: Skeleton.projects index: email_1 dup key: { email: "6chen@yahoo.com" }',
    keyPattern: { email: 1 },
    keyValue: { email: '6chen@yahoo.com' }
  },
  index: 0,
  code: 11000,
  keyPattern: { email: 1 },
  keyValue: { email: '6chen@yahoo.com' }
}
```

1.5 remove project by id

HTTP mid / http://localhost:3000/api/projects/one

DELETE

http://localhost:3000/api/projects/67c7a67fdefdefb63f713970

ParamsAuthorizationHeaders (6)BodyScriptsSettings

☐ none

☐ form-data

☐ x-www-form-urlencoded

☒ raw

☐ binary

☐ GraphQL

JSON

1

BodyCookiesHeaders (7)Test Results200 OK10 ms

{ } JSON

PreviewVisualize

1 {
2 | "message": "Successfully deleted!"
3 }

HTTP mid / http://localhost:3000/api/projects/one Copy

DELETE

http://localhost:3000/api/projects/67c7a677defdefb63f71396e

ParamsAuthorizationHeaders (6)BodyScriptsSettings

☐ none

☐ form-data

☐ x-www-form-urlencoded

☒ raw

☐ binary

☐ GraphQL

JSON

1

BodyCookiesHeaders (7)Test Results200 OK

{ } JSON

PreviewVisualize

1 {
2 | "message": "Successfully deleted!"
3 }

Failed
Wrong id

HTTP mid / http://localhost:3000/api/projects/one

DELETE | http://localhost:3000/api/projects/67c7abd3bc992450a57d23711

Params Authorization Headers (6) **Body** Scripts Settings

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

1

Body Cookies Headers (7) Test Results | 400 Bad Request • 7 ms

{ } JSON ▾ ▶ Preview 🔗 Visualize ▾

```
1 {
2   |   "error": "Could not retrieve project"
3   }
```

```
index: 0,
code: 11000,
errmsg: 'E11000 duplicate key error collection: Skeleton.projects index: email_1 dup key: { email: "6chen@yahoo.com" }',
keyPattern: { email: 1 },
keyValue: { email: '6chen@yahoo.com' }
},
index: 0,
code: 11000,
keyPattern: { email: 1 },
keyValue: { email: '6chen@yahoo.com' }
}
express deprecated res.status("400"): use res.status(400) instead file:\D:\mid\COMP229-F2024-MidTerm-301834450\server\controllers\project.controller.js:39:20
[]
```

1.6 remove all projects

mid / http://localhost:3000/api/projects/all

DELETE

http://localhost:3000/api/projects/

Params

Authorization

Headers (8)

Body

Scripts

Settings

Query Params

	Key	Value
	Key	Value

Body

Cookies

Headers (7)

Test Results

200 OK

{}

JSON

Preview

Visualize

1

{

2

"message": "Successfully deleted all!"

3

}

localhost:27017

Skeleton

projects

Documents 1

Aggregations

Schema

Indexes 2

Validation

Type a query: { field: 'value' } or Generate query

ADD DATA

EXPORT DATA

UPDATE

DELETE

25

0 - 0

This collection has no data

It only takes a few seconds to import data from a JSON or CSV file.

Import Data

Failed

Error reason put an error throw when meet special email in the code.

```
PS D:\mid\COMP229-F2024-MidTerm-301034450> node server
Server started on port 3000.
Connected to the database!
PS D:\mid\COMP229-F2024-MidTerm-301034450> node server
Server started on port 3000.
Connected to the database!
Error: This is a fake error, only happen at project.email=="2chen@yahoo.com"!
    at removeAll (file:///D:/mid/COMP229-F2024-MidTerm-301034450/server/controllers/project.controller.js:91:23)
    at process.processTicksAndRejections (node:internal/process/task_queues:105:5)
```

HTTP

mid / http://localhost:3000/api/projects/all

DELETE

▼

http://localhost:3000/api/projects/

Params

Authorization

Headers (6)

Body

Scripts

Settings

☒ none

☐ form-data

☐ x-www-form-urlencoded

☐ raw

☐ binary

☐ GraphQL

This request does not have a body

Body

Cookies

Headers (7)

Test Results

🔄

400 Bad Request • 33 ms •

{ } JSON ▼

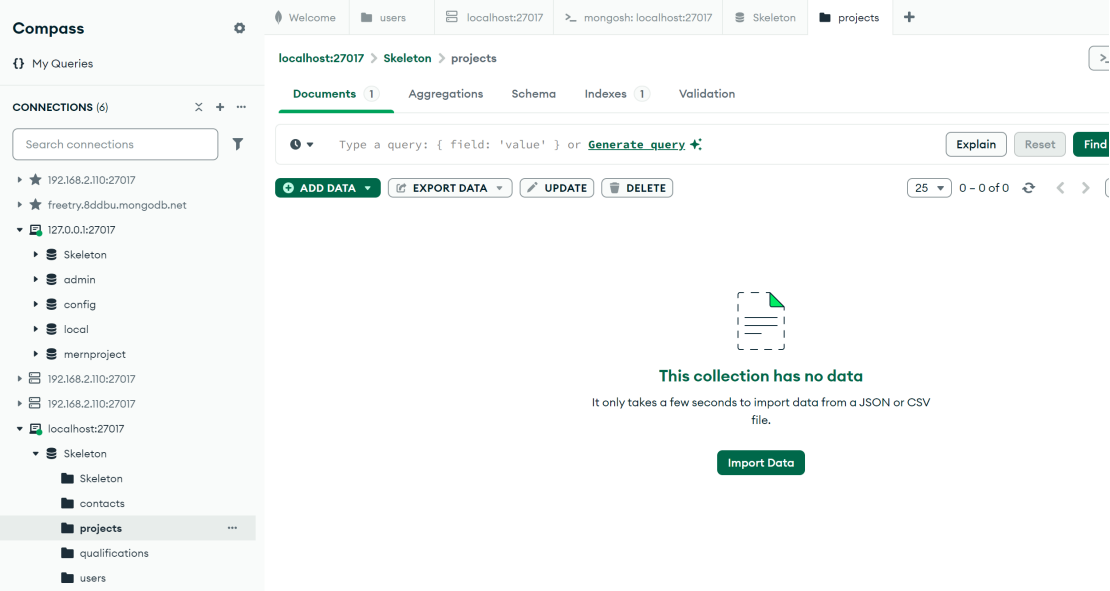
▶ Preview

🔍 Visualize ▼

1 { }

MongoDB with documents

empty



There are some documents.

