Comp3123 Assignment1

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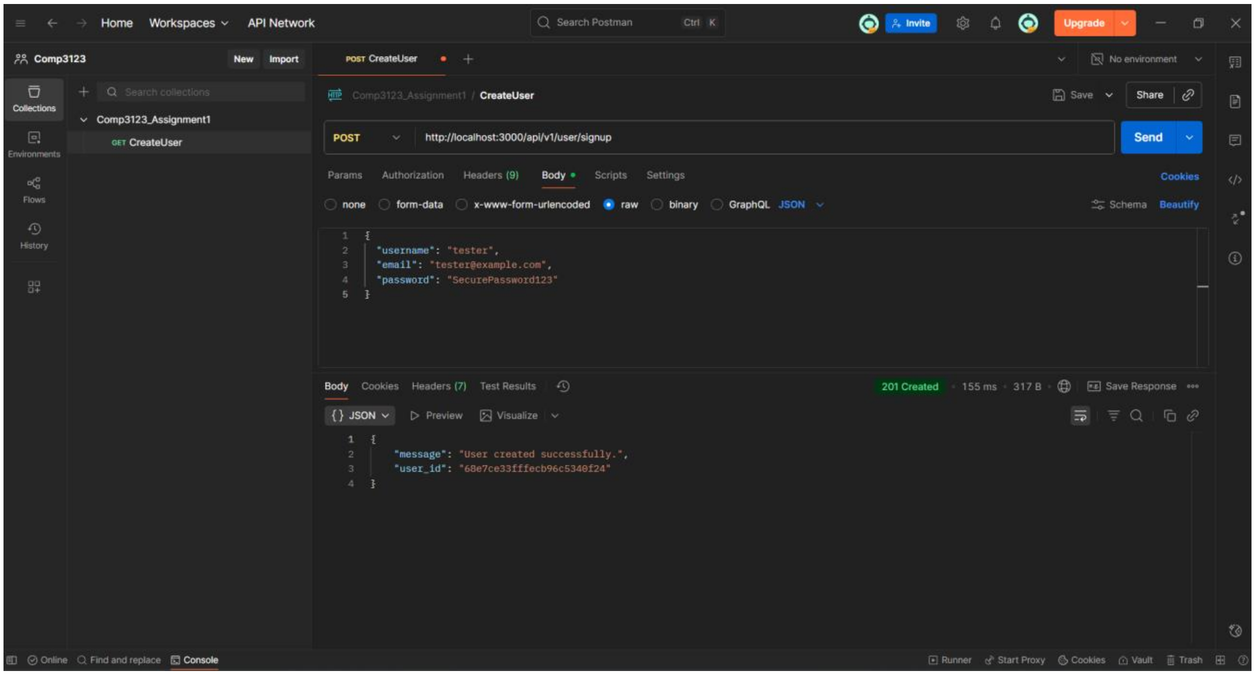
Required API Endpoints

#1



POST CreateUser

Comp3123_Assignment1 / CreateUser

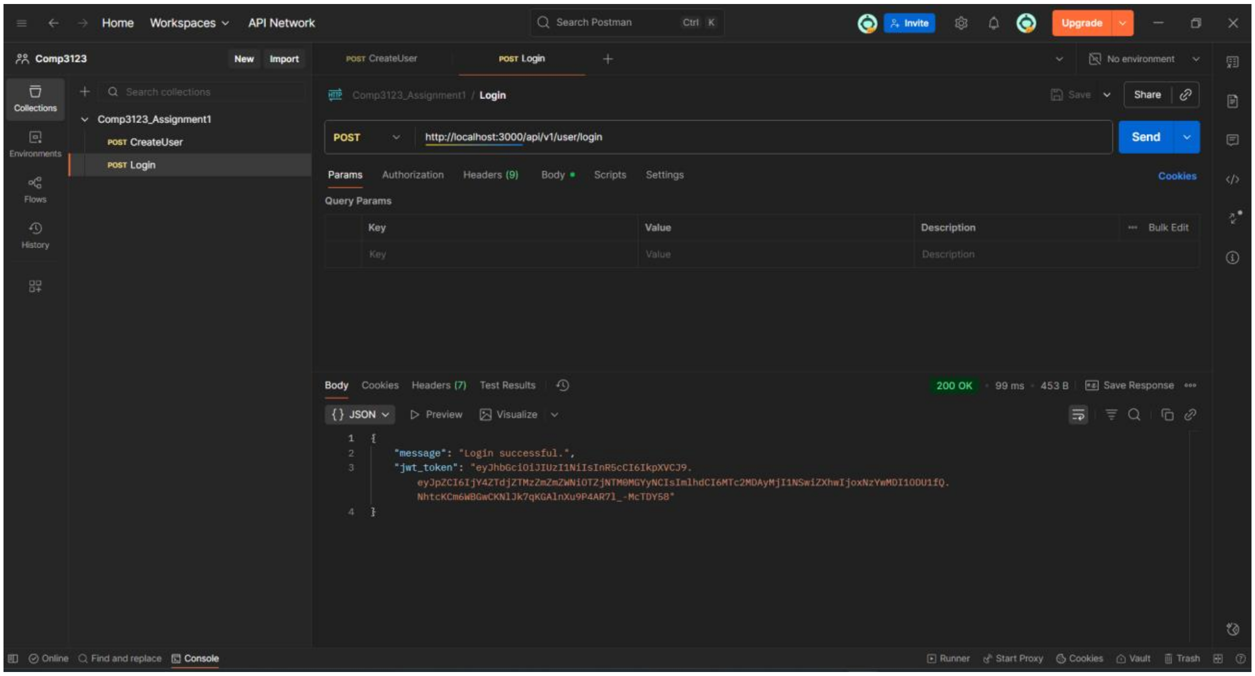
POST http://localhost:3000/api/v1/user/signup

```
{
  "username": "tester",
  "email": "tester@example.com",
  "password": "SecurePassword123"
}
```

201 Created · 155 ms · 317 B

```
{
    "message": "User created successfully.",
    "user_id": "68e7ce33fffecb96c5340f24"
}
```

#2



POST Login

Comp3123_Assignment1 / Login

POST http://localhost:3000/api/v1/user/login

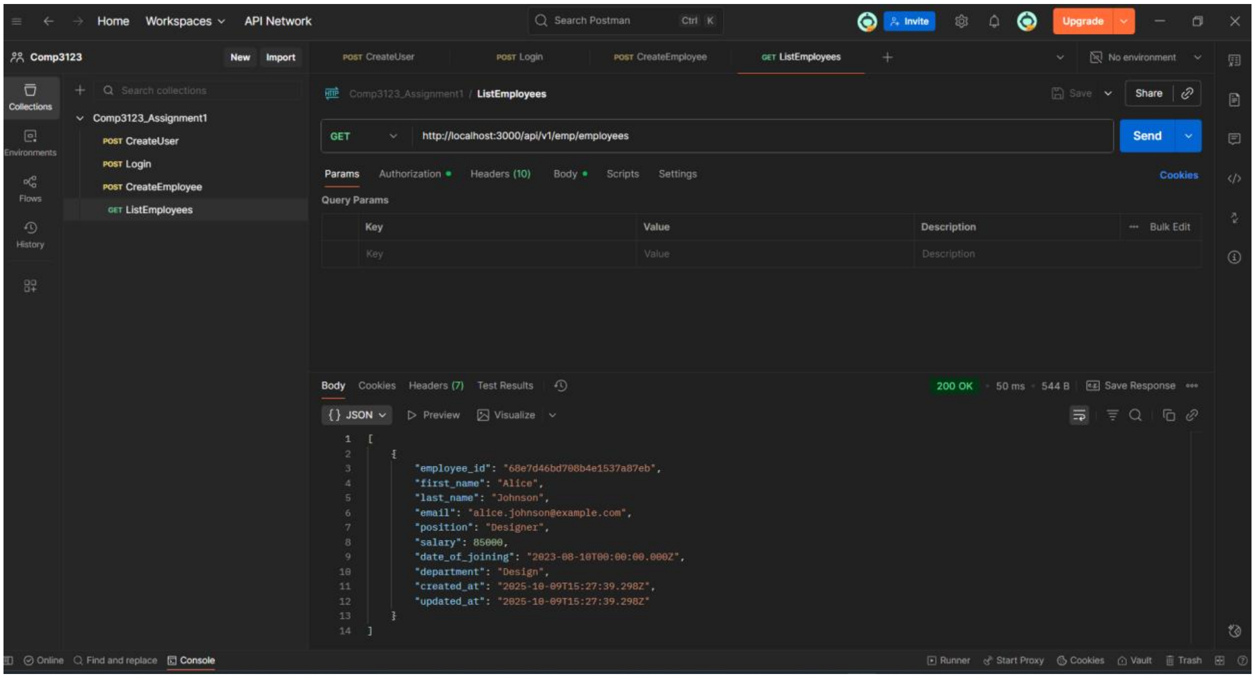
Query Params

Key	Value	Description
Key	Value	Description

200 OK · 99 ms · 453 B

```
{
    "message": "Login successful.",
    "jwt_token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.
      eyJpZCI6IjY4ZTdjZTMzZmZmZWNiOTZjNTM0MGYyNCIsImlhdCI6MTc2MDAyMjI1NSwiZXhwIjoxNzYwMDI1ODU1fQ.
      NhtcKCm6WBGwCKNlJk7qKGAlnXu9P4AR7l_-McTDY58"
}
```

#3



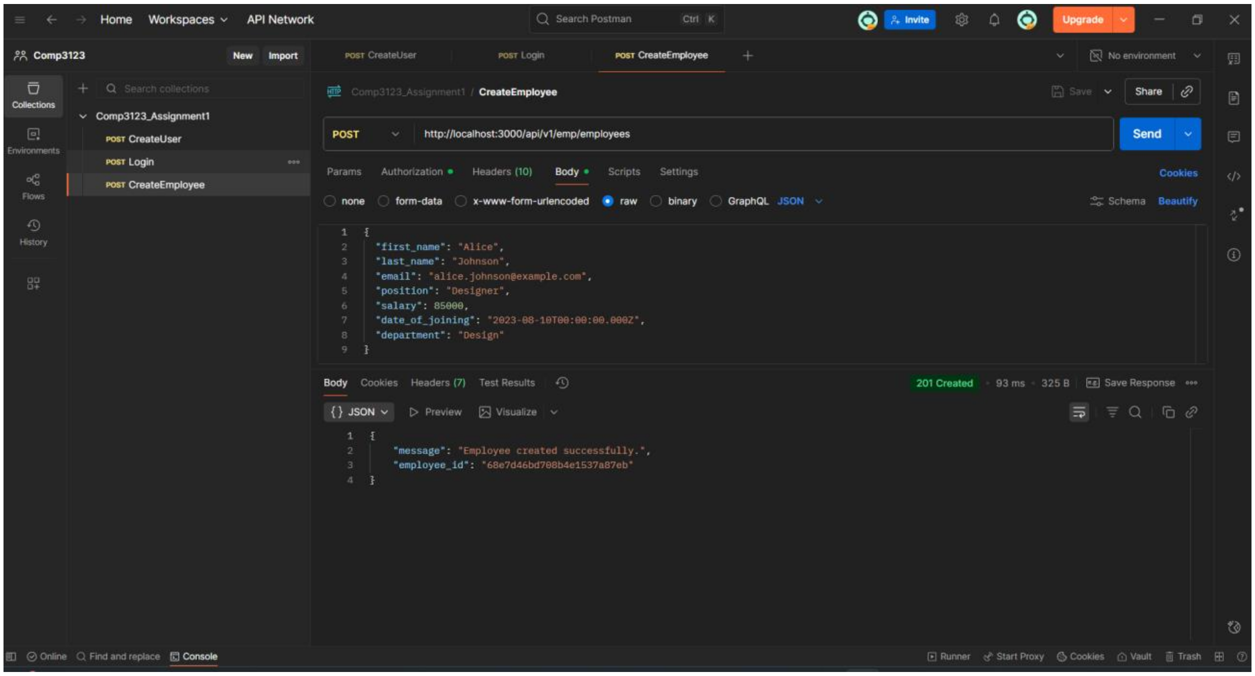
Comp3123_Assignment1 / ListEmployees

GET http://localhost:3000/api/v1/emp/employees

Body Cookies Headers (7) Test Results — 200 OK · 50 ms · 544 B

```
[
    {
        "employee_id": "68e7d46bd708b4e1537a87eb",
        "first_name": "Alice",
        "last_name": "Johnson",
        "email": "alice.johnson@example.com",
        "position": "Designer",
        "salary": 85000,
        "date_of_joining": "2023-08-10T00:00:00.000Z",
        "department": "Design",
        "created_at": "2025-10-09T15:27:39.298Z",
        "updated_at": "2025-10-09T15:27:39.298Z"
    }
]
```

#4



Comp3123_Assignment1 / CreateEmployee

POST http://localhost:3000/api/v1/emp/employees

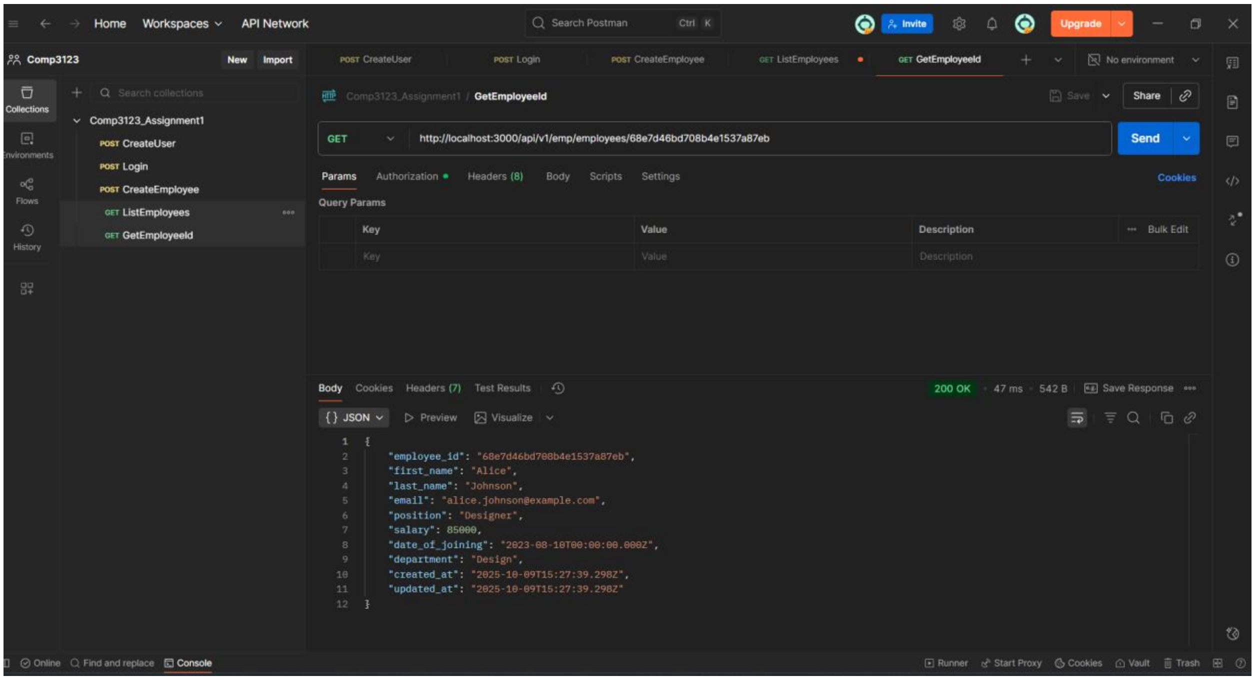
Body: ○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON

```
{
  "first_name": "Alice",
  "last_name": "Johnson",
  "email": "alice.johnson@example.com",
  "position": "Designer",
  "salary": 85000,
  "date_of_joining": "2023-08-10T00:00:00.000Z",
  "department": "Design"
}
```

Body Cookies Headers (7) Test Results — 201 Created · 93 ms · 325 B

```
{
    "message": "Employee created successfully.",
    "employee_id": "68e7d46bd708b4e1537a87eb"
}
```

#5

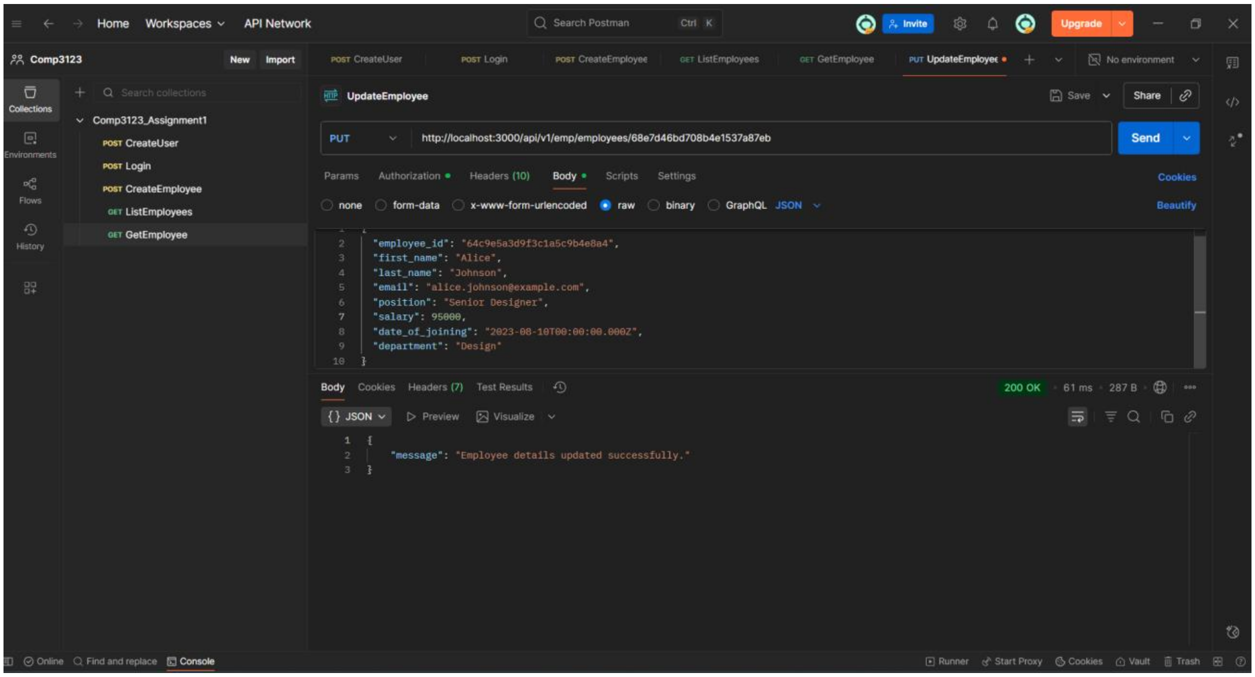


GET http://localhost:3000/api/v1/emp/employees/68e7d46bd708b4e1537a87eb

200 OK · 47 ms · 542 B

```
{
    "employee_id": "68e7d46bd708b4e1537a87eb",
    "first_name": "Alice",
    "last_name": "Johnson",
    "email": "alice.johnson@example.com",
    "position": "Designer",
    "salary": 85000,
    "date_of_joining": "2023-08-10T00:00:00.000Z",
    "department": "Design",
    "created_at": "2025-10-09T15:27:39.298Z",
    "updated_at": "2025-10-09T15:27:39.298Z"
}
```

#6



PUT http://localhost:3000/api/v1/emp/employees/68e7d46bd708b4e1537a87eb

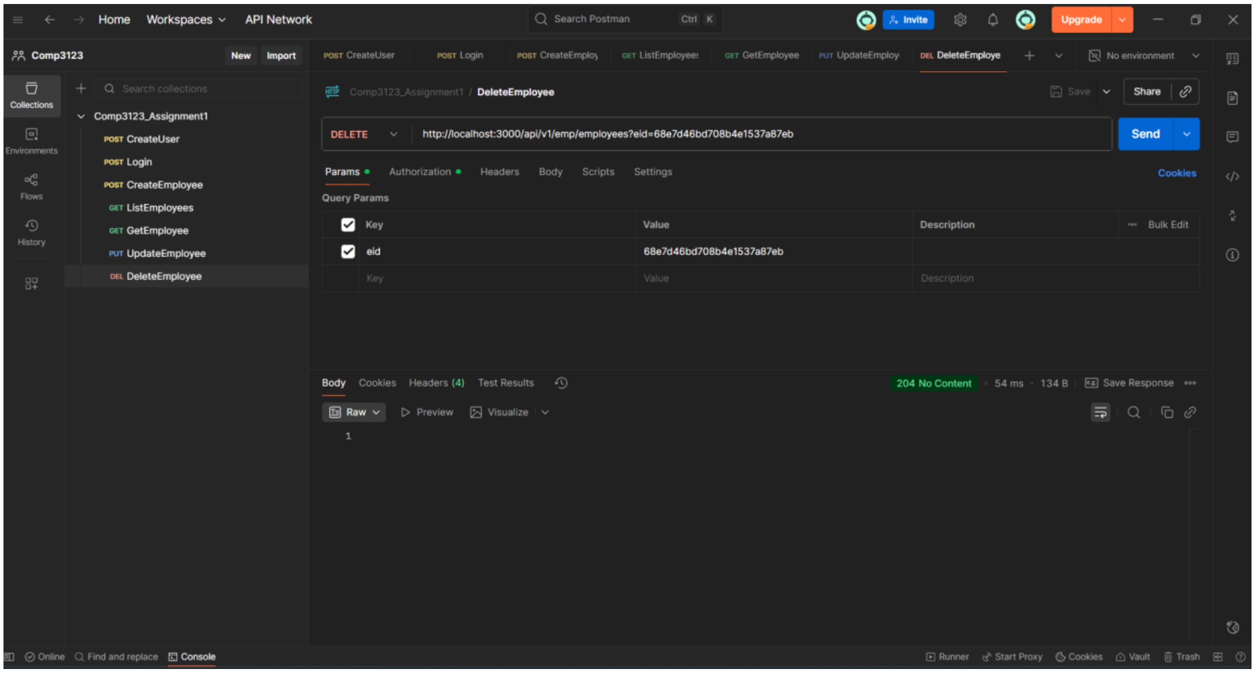
○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON

```
{
    "employee_id": "64c9e5a3d9f3c1a5c9b4e8a4",
    "first_name": "Alice",
    "last_name": "Johnson",
    "email": "alice.johnson@example.com",
    "position": "Senior Designer",
    "salary": 95000,
    "date_of_joining": "2023-08-10T00:00:00.000Z",
    "department": "Design"
}
```

200 OK · 61 ms · 287 B

```
{
    "message": "Employee details updated successfully."
}
```

#7



Comp3123_Assignment1 / DeleteEmployee

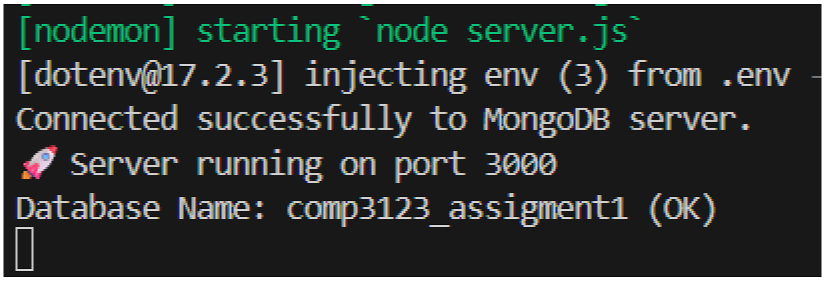
DELETE http://localhost:3000/api/v1/emp/employees?eid=68e7d46bd708b4e1537a87eb

Query Params

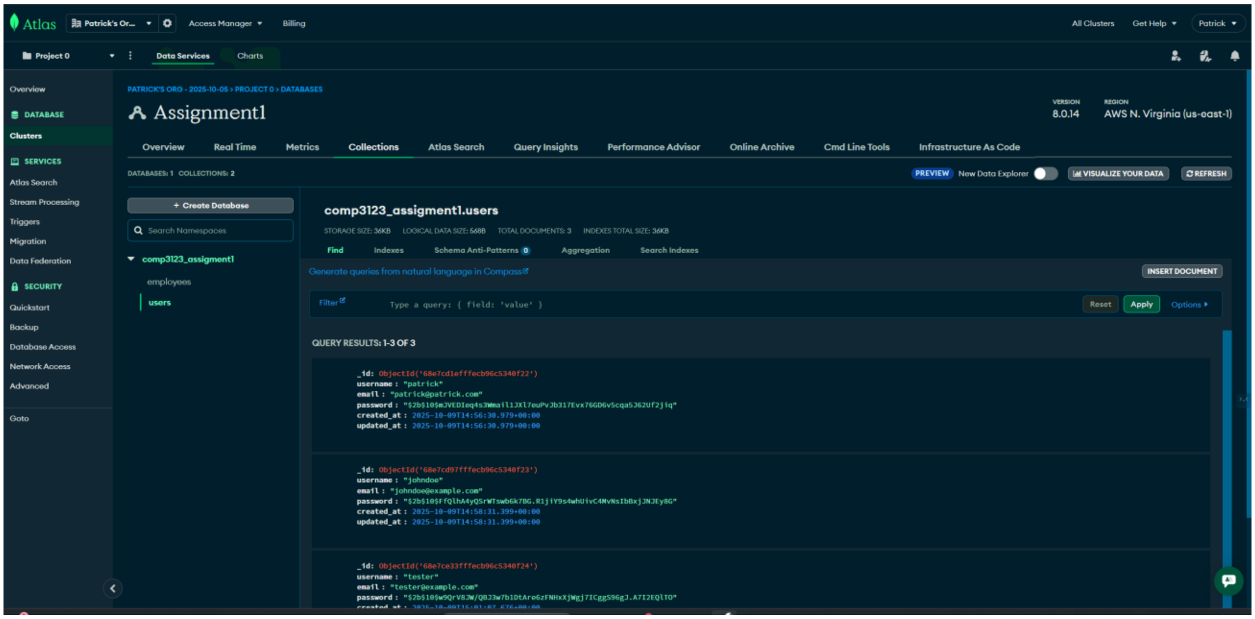
	Key	Value	Description
☑	eid	68e7d46bd708b4e1537a87eb	
	Key	Value	Description

204 No Content · 54 ms · 134 B

```
1
```



```
[nodemon] starting `node server.js`
[dotenv@17.2.3] injecting env (3) from .env
Connected successfully to MongoDB server.
🚀 Server running on port 3000
Database Name: comp3123_assigment1 (OK)
```



PATRICK'S ORG - 2025-10-05 > PROJECT 0 > DATABASES

Assignment1

VERSION 8.0.14 REGION AWS N. Virginia (us-east-1)

DATABASES: 1 COLLECTIONS: 2

comp3123_assigment1
- employees
- users

comp3123_assigment1.users

STORAGE SIZE: 36KB LOGICAL DATA SIZE: 568B TOTAL DOCUMENTS: 3 INDEXES TOTAL SIZE: 36KB

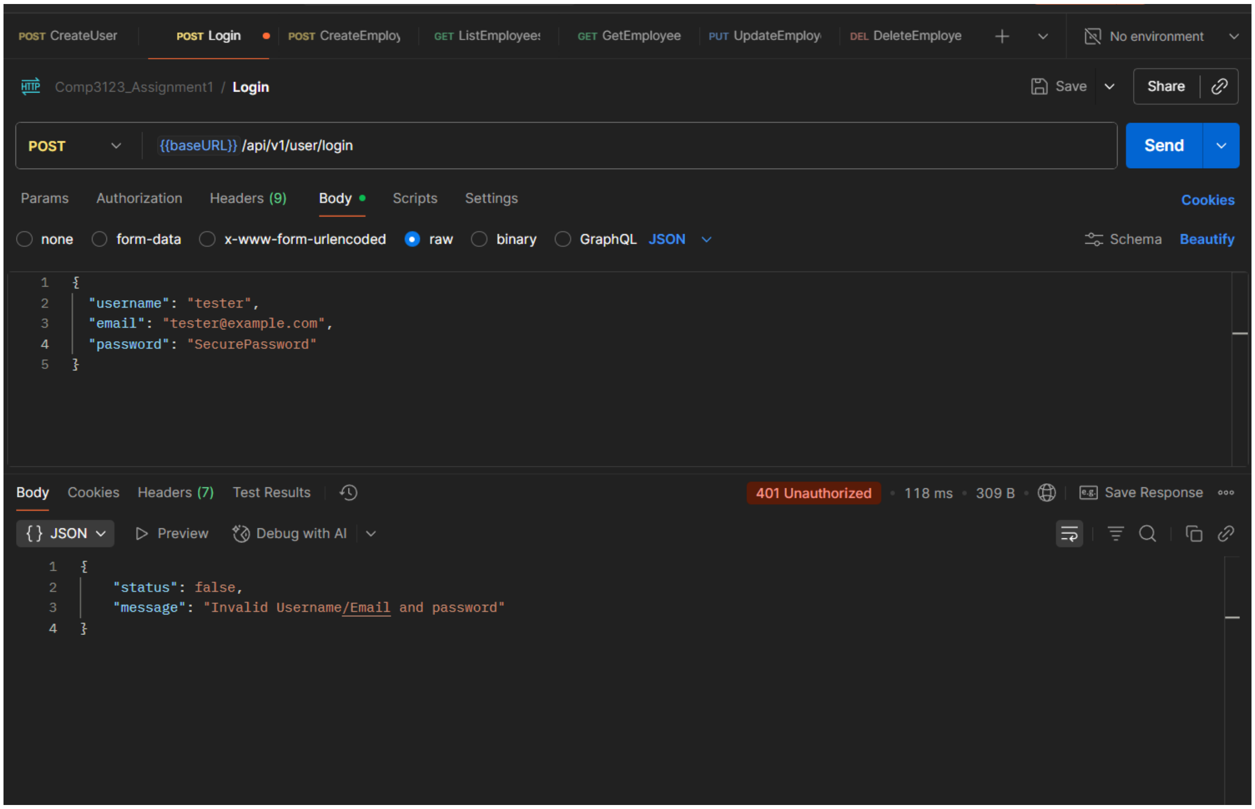
Type a query: { field: 'value' }

QUERY RESULTS: 1-3 OF 3

```
_id: ObjectId('68e7cd1efffecb96c5340f22')
username : "patrick"
email : "patrick@patrick.com"
password : "$2b$10$mJVEDIeq4s3Wmail1JXl7euPvJb317Evx76GD6v5cqa5J62Uf2jiq"
created_at : 2025-10-09T14:56:30.979+00:00
updated_at : 2025-10-09T14:56:30.979+00:00

_id: ObjectId('68e7cd97fffecb96c5340f23')
username : "johndoe"
email : "johndoe@example.com"
password : "$2b$10$FfQlhA4yQSrWTswb6k7BG.R1jiY9s4whUivC4MvNsIbBxjJNJEy8G"
created_at : 2025-10-09T14:58:31.399+00:00
updated_at : 2025-10-09T14:58:31.399+00:00

_id: ObjectId('68e7ce33fffecb96c5340f24')
username : "tester"
email : "tester@example.com"
password : "$2b$10$w9QrV8JW/QBJ3w7b1DtAre6zFNHxXjWgj7ICggS96gJ.A7I2EQlTO"
created_at : 2025-10-09T15:01:07.676+00:00
```



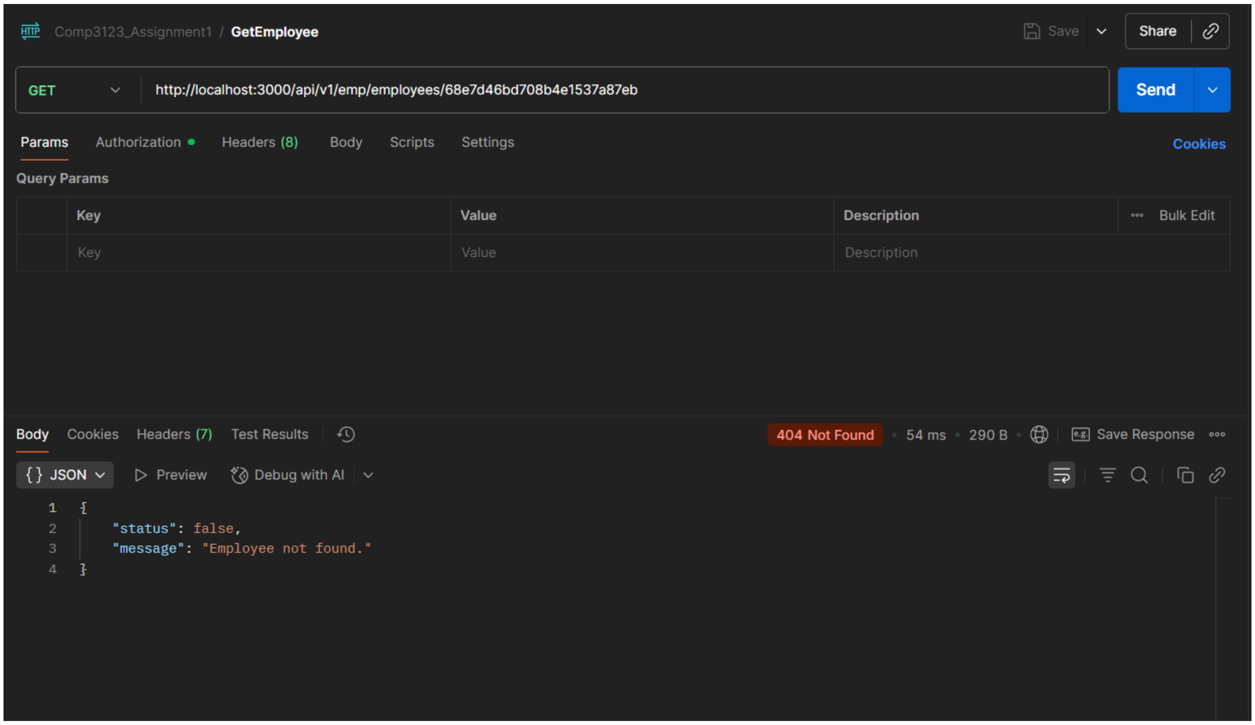
POST {{baseURL}} /api/v1/user/login

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

```
{
  "username": "tester",
  "email": "tester@example.com",
  "password": "SecurePassword"
}
```

401 Unauthorized • 118 ms • 309 B

```
{
    "status": false,
    "message": "Invalid Username/Email and password"
}
```



http://localhost:3000/api/v1/emp/employees/68e7d46bd708b4e1537a87eb

```
{
    "status": false,
    "message": "Employee not found."
}
```