

Assignment 01 - Backend

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COMP 3123 - 15795

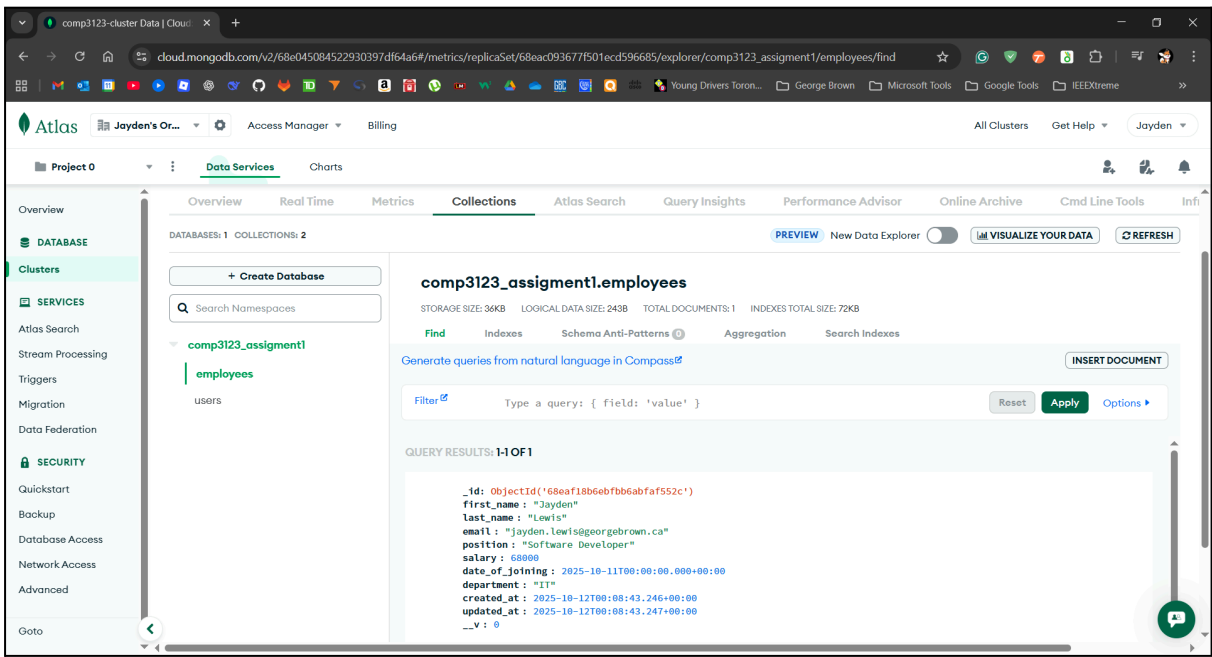
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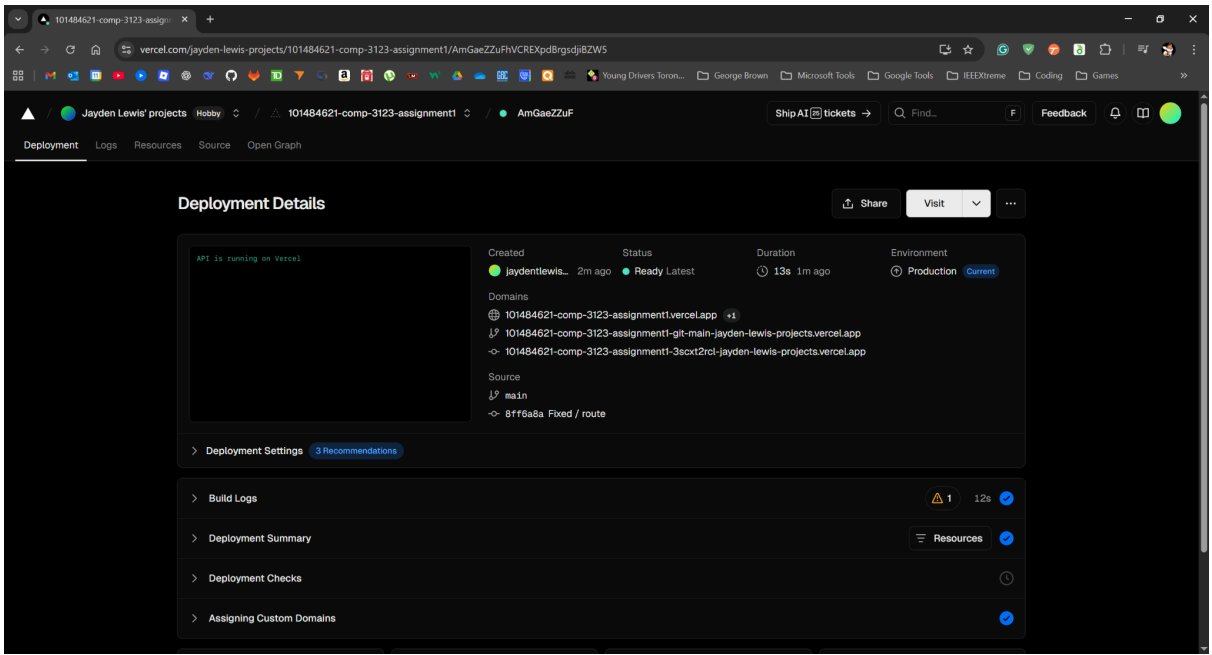
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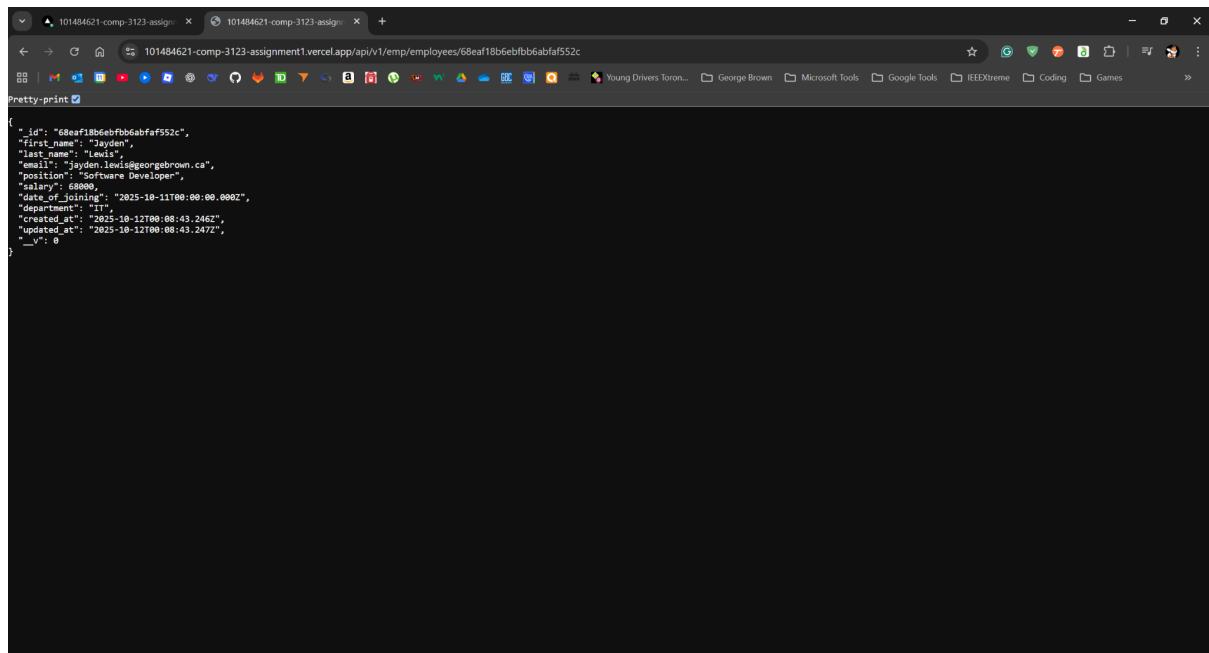
MongoDB Atlas



Vercel Deployment Dashboard

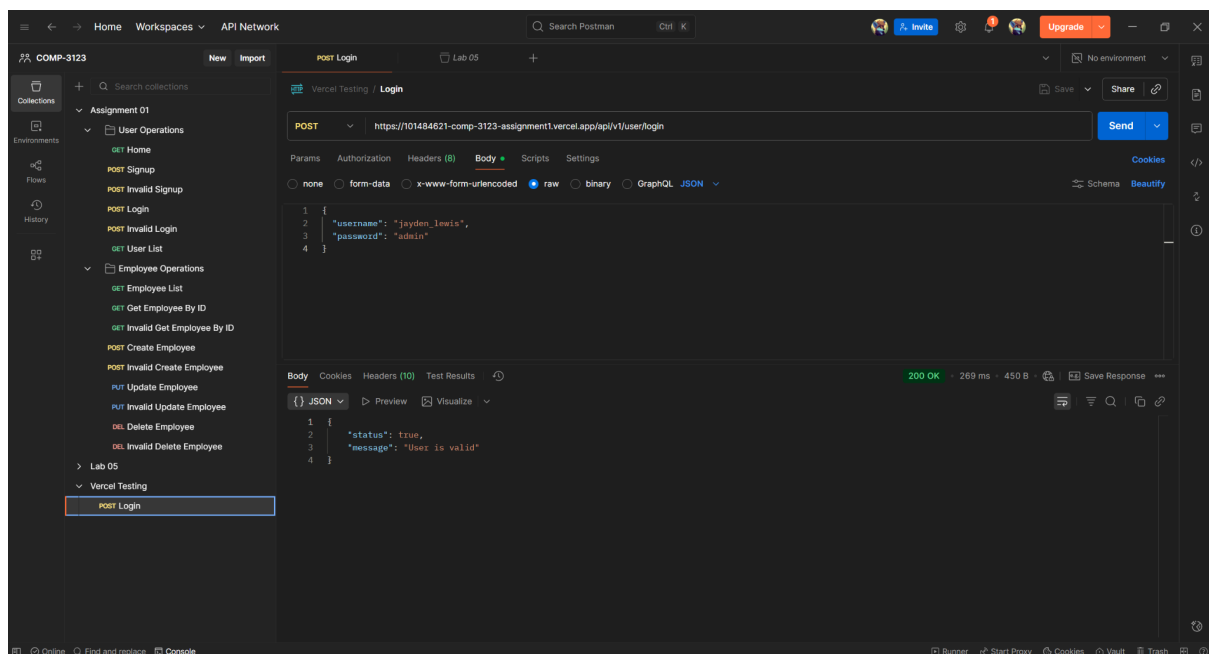


Testing Vercel Deployment Via Browser



Testing Login With Vercel Deployment Via Postman

(POST) `https://101484621-comp-3123-assignment1.vercel.app/api/v1/user/login`



Testing Instructions

For Login Testing Locally Use:

(POST) `http://localhost:3000/api/v1/user/login`

Body:

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

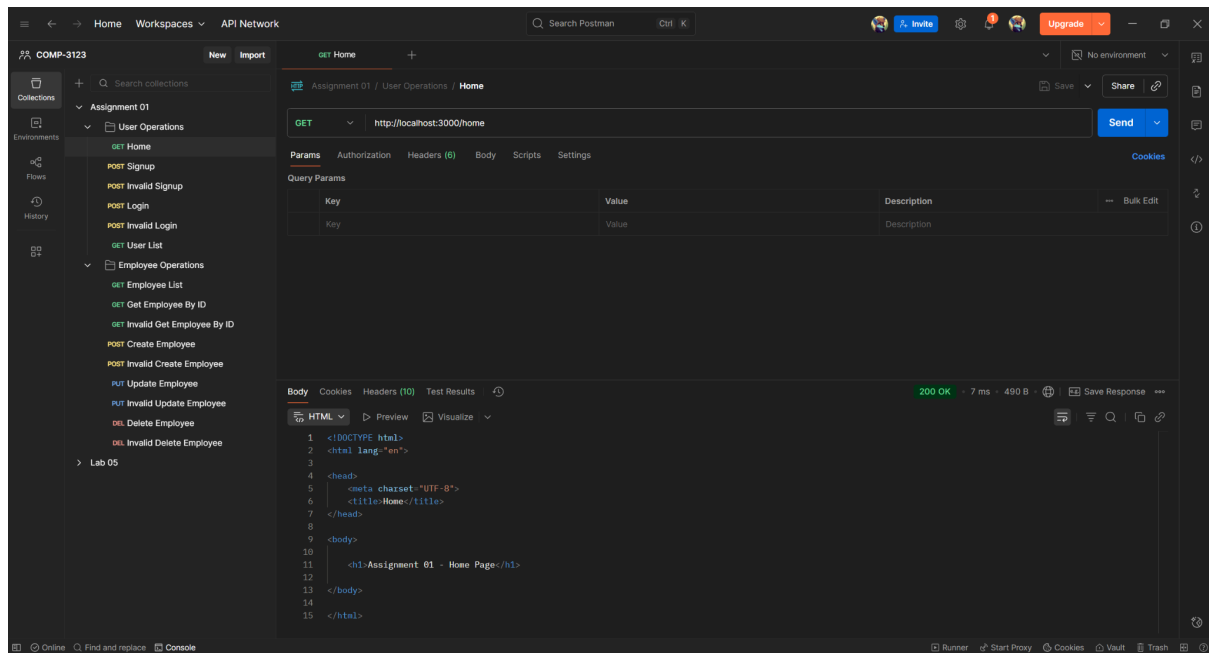
For Login Testing With Vercel Deployment Use:

(POST) `https://101484621-comp-3123-assignment1.vercel.app/api/v1/user/login`

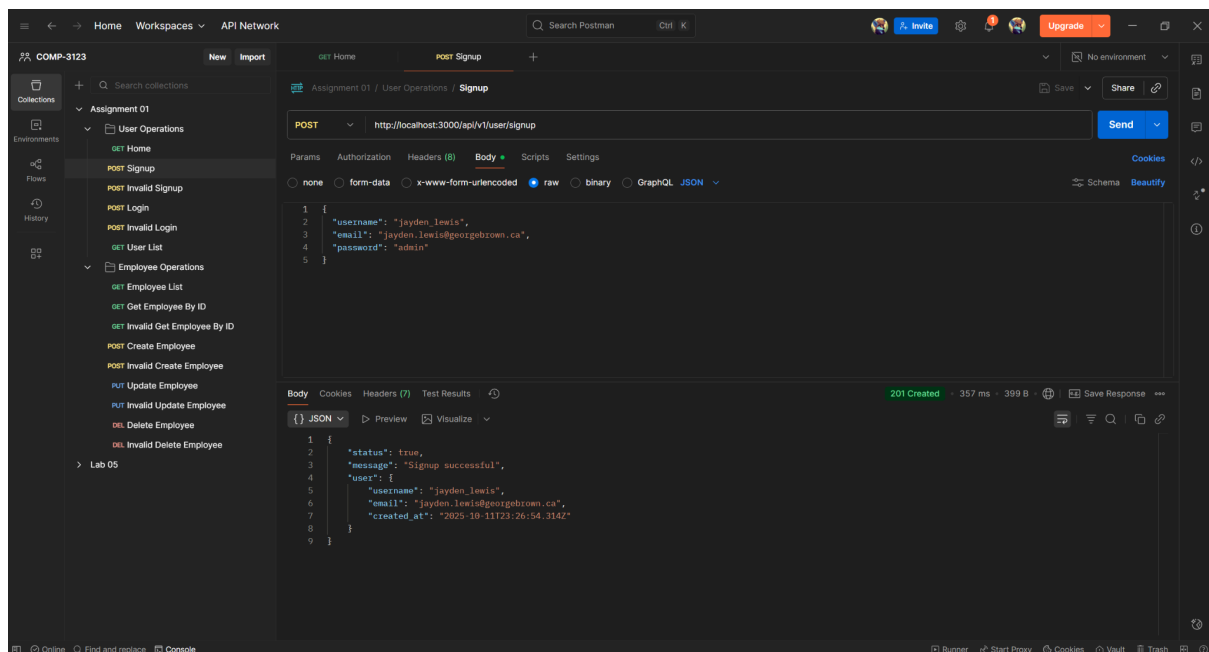
Body:

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

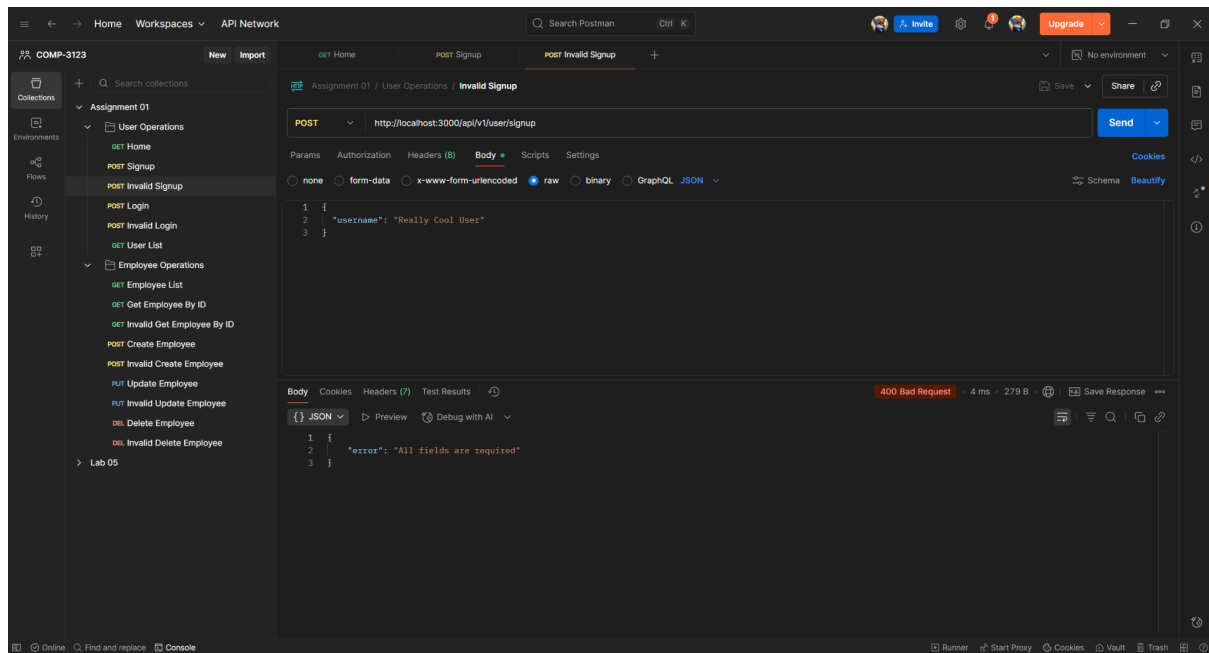
(GET) http://localhost:3000/home



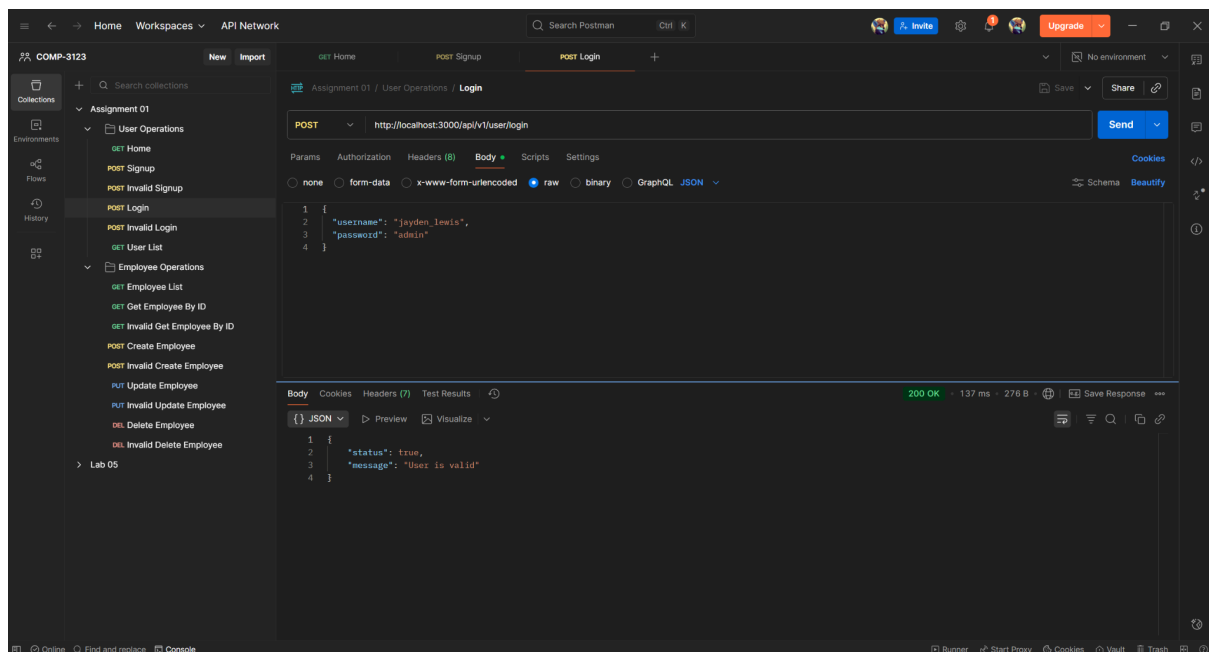
(POST) http://localhost:3000/api/v1/user/signup



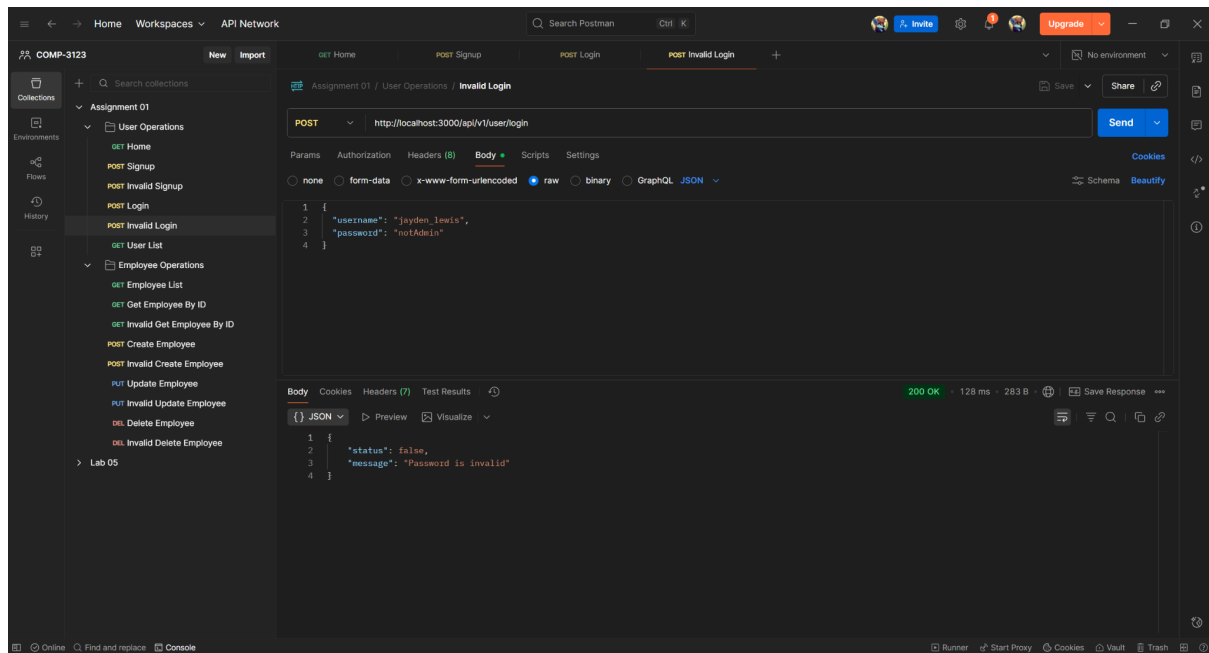
(POST) http://localhost:3000/api/v1/user/signup (Invalid)



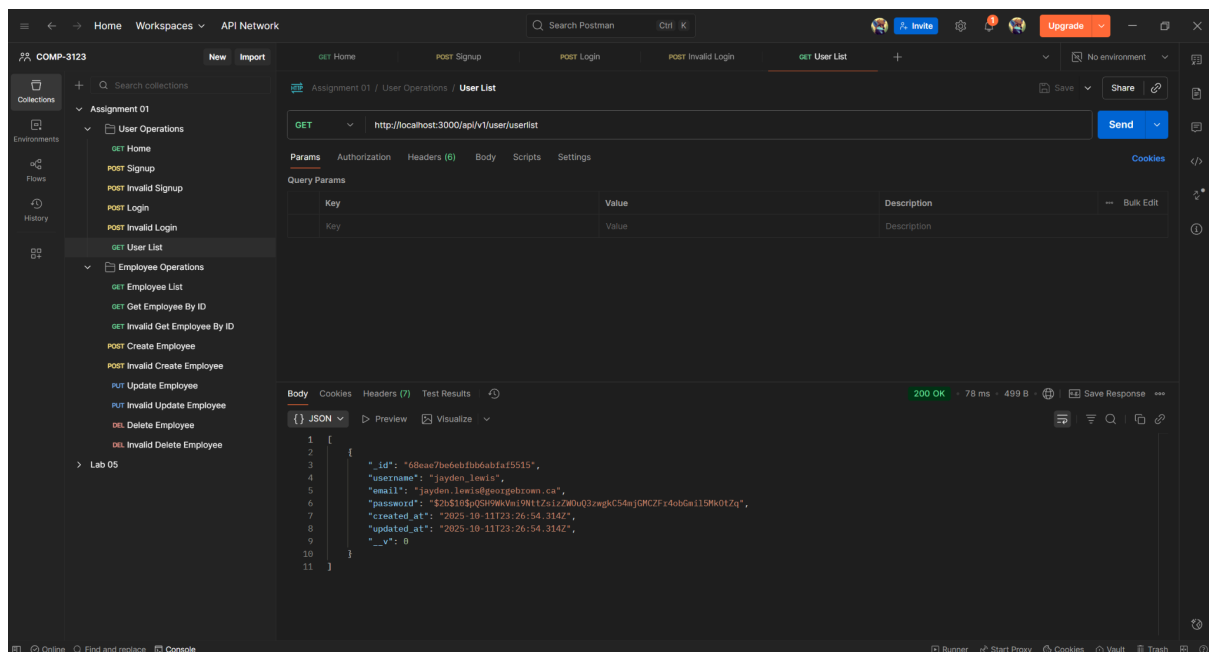
(POST) http://localhost:3000/api/v1/user/login



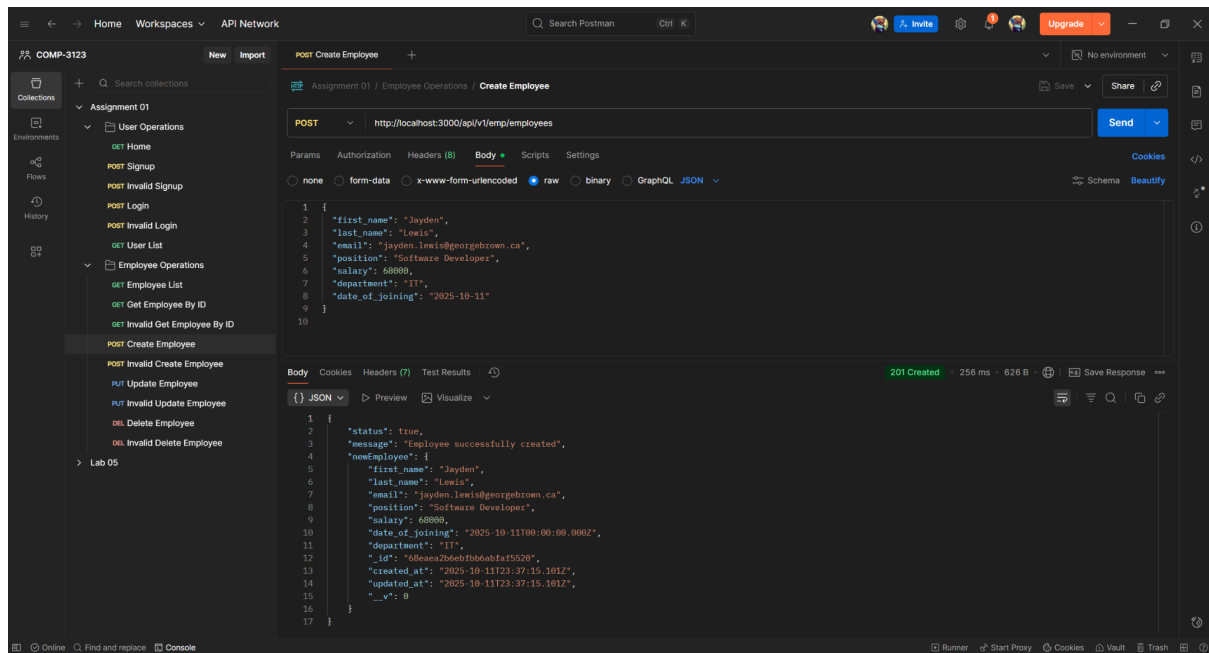
(POST) http://localhost:3000/api/v1/user/login (Invalid)



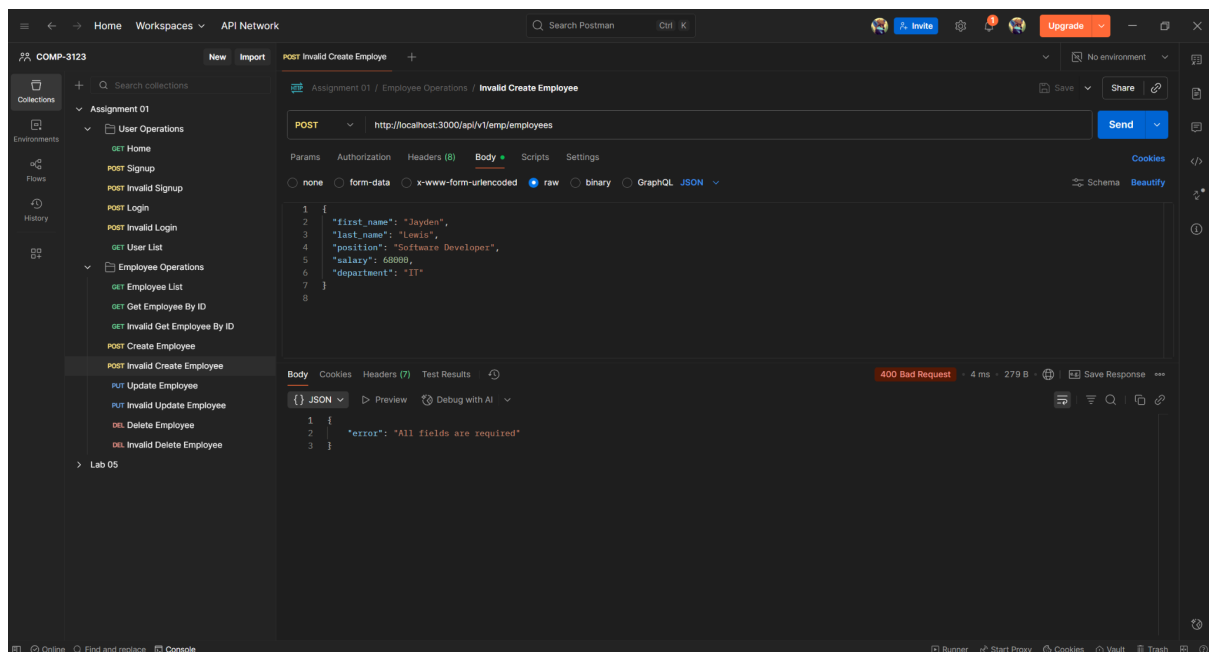
(GET) http://localhost:3000/api/v1/user/userlist



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



(POST) http://localhost:3000/api/v1/emp/employees (Invalid)



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

The screenshot shows the Postman interface with a GET request to `http://localhost:3000/api/v1/emp/employees`. The response is a 200 OK status with a 79 ms response time and a 551 B body. The JSON response is as follows:

```
1 {
2   "id": "68eaa2b6ebfb6abfa5520",
3   "first_name": "Jayden",
4   "last_name": "Lewis",
5   "email": "jayden.lewis@georgebrown.ca",
6   "position": "Software Developer",
7   "salary": 68800,
8   "date_of_joining": "2025-10-11T09:00:00.000Z",
9   "department": "IT",
10  "created_at": "2025-10-11T23:37:15.101Z",
11  "updated_at": "2025-10-11T23:37:15.101Z",
12  "__v": 0
13 }
14
15 }
```

(PUT) http://localhost:3000/api/v1/emp/employees/id

The screenshot shows the Postman interface with a PUT request to `http://localhost:3000/api/v1/emp/employees/68eaa2b6ebfb6abfa5520`. The response is a 200 OK status with a 77 ms response time and a 632 B body. The JSON response is as follows:

```
1 {
2   "status": true,
3   "message": "Employee successfully updated",
4   "updatedEmployee": {
5     "id": "68eaa2b6ebfb6abfa5520",
6     "first_name": "Jayden",
7     "last_name": "Lewis",
8     "email": "jayden.lewis@georgebrown.ca",
9     "position": "Senior Software Developer",
10    "salary": 85000,
11    "date_of_joining": "2025-10-11T09:00:00.000Z",
12    "department": "IT",
13    "created_at": "2025-10-11T23:37:15.101Z",
14    "updated_at": "2025-10-11T23:42:49.696Z",
15    "__v": 0
16  }
17 }
```

(PUT) http://localhost:3000/api/v1/emp/employees/id (Invalid)

The screenshot shows a Postman interface with a PUT request to `http://localhost:3000/api/v1/emp/employees/68eaea2b6ebfb6abfaaaaa`. The request body is empty. The response is a 404 Not Found status with a JSON body: `{ "error": "Employee with ID: 68eaea2b6ebfb6abfaaaaa not found" }`.

```
1 {
2   "error": "Employee with ID: 68eaea2b6ebfb6abfaaaaa not found"
3 }
```

(GET) http://localhost:3000/api/v1/emp/employees/id

The screenshot shows a Postman interface with a GET request to `http://localhost:3000/api/v1/emp/employees/68eaea2b6ebfb6abfa5520`. The response is a 200 OK status with a JSON body containing employee details.

```
1 {
2   "id": "68eaea2b6ebfb6abfa5520",
3   "first_name": "Jayden",
4   "last_name": "Lewis",
5   "email": "jayden.lewis@georgebrown.ca",
6   "position": "Senior Software Developer",
7   "salary": 85000,
8   "date_of_joining": "2025-10-11T00:00:00.000Z",
9   "department": "IT",
10  "created_at": "2025-10-11T23:37:15.101Z",
11  "updated_at": "2025-10-11T23:42:49.696Z",
12  "_v": 0
13 }
```

(GET) http://localhost:3000/api/v1/emp/employees/id (Invalid)

The screenshot shows the Postman interface with a GET request to `http://localhost:3000/api/v1/emp/employees/68eae54cd2f3faaaaaaa`. The response is a 404 Not Found status with a JSON body: `{ "error": "Employee with ID: 68eae54cd2f3faaaaaaa not found" }`.

Key	Value	Description
Key	Value	Description

```
1 {
2   "error": "Employee with ID: 68eae54cd2f3faaaaaaa not found"
3 }
```

(DELETE) http://localhost:3000/api/v1/emp/employees/id

The screenshot shows the Postman interface with a DELETE request to `http://localhost:3000/api/v1/emp/employees/68eae54cd2f3faaaaaaa`. The response is a 200 OK status with a JSON body: `{ "status": true, "message": "Employee successfully deleted", "deletedEmployee": { "id": "68eae54cd2f3faaaaaaa", "first_name": "Jayden", "last_name": "Lewis", "email": "jayden.lewis@georgebrown.ca", "position": "Senior Software Developer", "salary": 85000, "date_of_joining": "2025-10-11T00:00:00.000Z", "department": "IT", "created_at": "2025-10-11T23:37:15.101Z", "updated_at": "2025-10-11T23:42:49.696Z", "__v": 0 } }`.

Key	Value	Description
Key	Value	Description

```
1 {
2   "status": true,
3   "message": "Employee successfully deleted",
4   "deletedEmployee": {
5     "id": "68eae54cd2f3faaaaaaa",
6     "first_name": "Jayden",
7     "last_name": "Lewis",
8     "email": "jayden.lewis@georgebrown.ca",
9     "position": "Senior Software Developer",
10    "salary": 85000,
11    "date_of_joining": "2025-10-11T00:00:00.000Z",
12    "department": "IT",
13    "created_at": "2025-10-11T23:37:15.101Z",
14    "updated_at": "2025-10-11T23:42:49.696Z",
15    "__v": 0
16   }
17 }
```

(DELETE) <http://localhost:3000/api/v1/emp/employees/id> (Invalid)

