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## Assignment 1

### Post Employees

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

- URL:** `http://localhost:8081/api/emp/employees`
- Method:** `POST`
- Body:** A JSON object with the following fields:

```
{  "first_name": "Vraj",  "last_name": "Patel",  "email": "vrajpatel089@gmail.com",  "salary": 100000,  "gender": "male",  "_id": "635594b4211e6a751ff9adbc",  "__v": 0}
```
- Response:** Status: 201 Created, Time: 71 ms, Size: 388 B. The response body is the same JSON object as the request.
- Buttons:** Save, Send, Cookies, Beautify.

### Get Employees

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

- URL:** `http://localhost:8081/api/emp/employees`
- Method:** `GET`
- Body:** A JSON object with the following fields:

```
{  "first_name": "Vraj",  "last_name": "Patel",  "email": "vrajpatel089@gmail.com",  "salary": 100000,  "gender": "male",  "_id": "6355952a211e6a751ff9adbe",  "__v": 0}
```
- Response:** Status: 400 Bad Request, Time: 38 ms, Size: 392 B. The response body is the same JSON object as the request.
- Buttons:** Save, Send, Cookies, Beautify.

## Employee by ID

http://localhost:8081/api/emp/employees/635594b4211e6a751ff9adbcb

Save

</>

GET

http://localhost:8081/api/emp/employees/635594b4211e6a751ff9adbcb

Send

ParamsAuthorizationHeaders (7)BodyPre-request ScriptTestsSettingsCookies

Query Params

KEY	VALUE	DESCRIPTION	...	Bulk Edit
Key	Value	Description		

BodyCookiesHeaders (7)Test Results

Status: 200 OKTime: 32 msSize: 383 BSave Response

PrettyRawPreviewVisualizeJSON

```
1 {
2   "_id": "635594b4211e6a751ff9adbcb",
3   "first_name": "Viraj",
4   "last_name": "Patel",
5   "email": "virajpatel089@gmail.com",
6   "salary": 100000,
7   "gender": "male",
8   "__v": 0
9 }
```

CookiesCapture requestsBootcampRunnerTrash

## Put employee

http://localhost:8081/api/emp/employees/635594b4211e6a751ff9adbcb

Save

</>

PUT

http://localhost:8081/api/emp/employees/635594b4211e6a751ff9adbcb

Send

ParamsAuthorizationHeaders (8)BodyPre-request ScriptTestsSettingsCookies

Query Params

KEY	VALUE	DESCRIPTION	...	Bulk Edit
Key	Value	Description		

BodyCookiesHeaders (7)Test Results

Status: 400 Bad RequestTime: 14 msSize: 283 BSave Response

PrettyRawPreviewVisualizeJSON

```
1 {
2   "message": "Employee can not be empty"
3 }
```

CookiesCapture requestsBootcampRunnerTrash

## Delete Employee

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

- URL:** `http://localhost:8081/api/emp/employees/635594b4211e6a751ff9adb`
- Method:** DELETE
- Status:** 200 OK, Time: 49 ms, Size: 257 B
- Response Body:**

```
1 The employee has been deleted
```

The interface includes tabs for Params, Authorization, Headers (7), Body, Pre-request Script, Tests, and Settings. A table for Query Params is visible, and the response is shown in a Pretty view.

## MongoDB Console Before Deleting

The screenshot shows the MongoDB Atlas console interface with the following details:

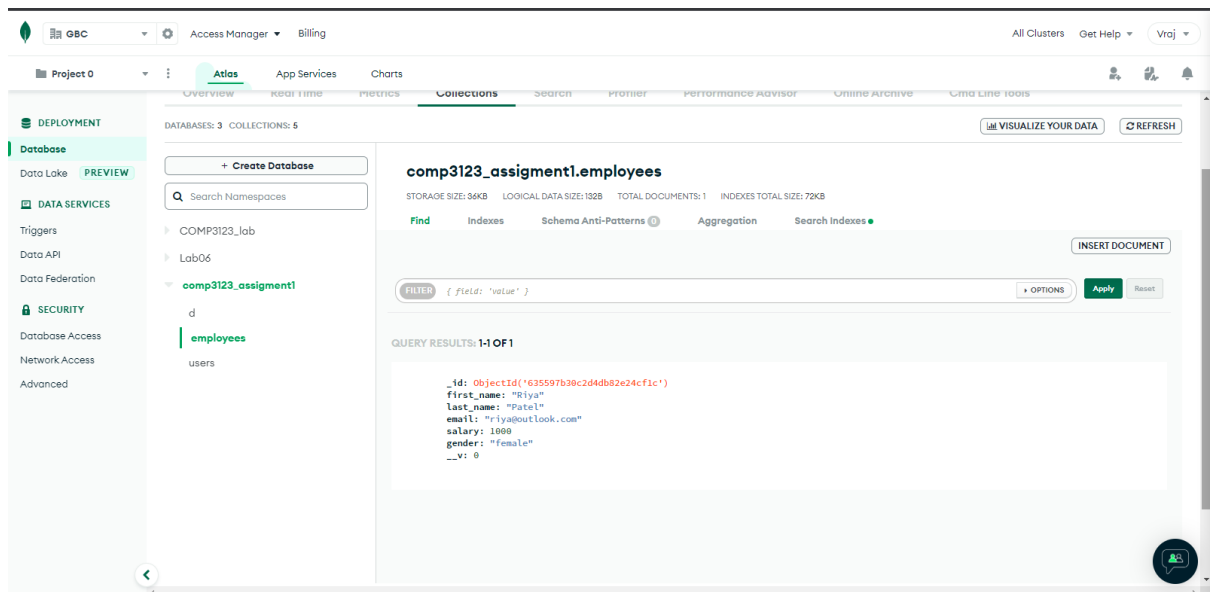
- Database:** `comp3123_assignment1`
- Collection:** `employees`
- Storage Size:** 56KB, Logical Data Size: 399B, Total Documents: 3, Indexes Total Size: 72KB
- Query Results:** 1-2 OF 2

The query results show two documents:

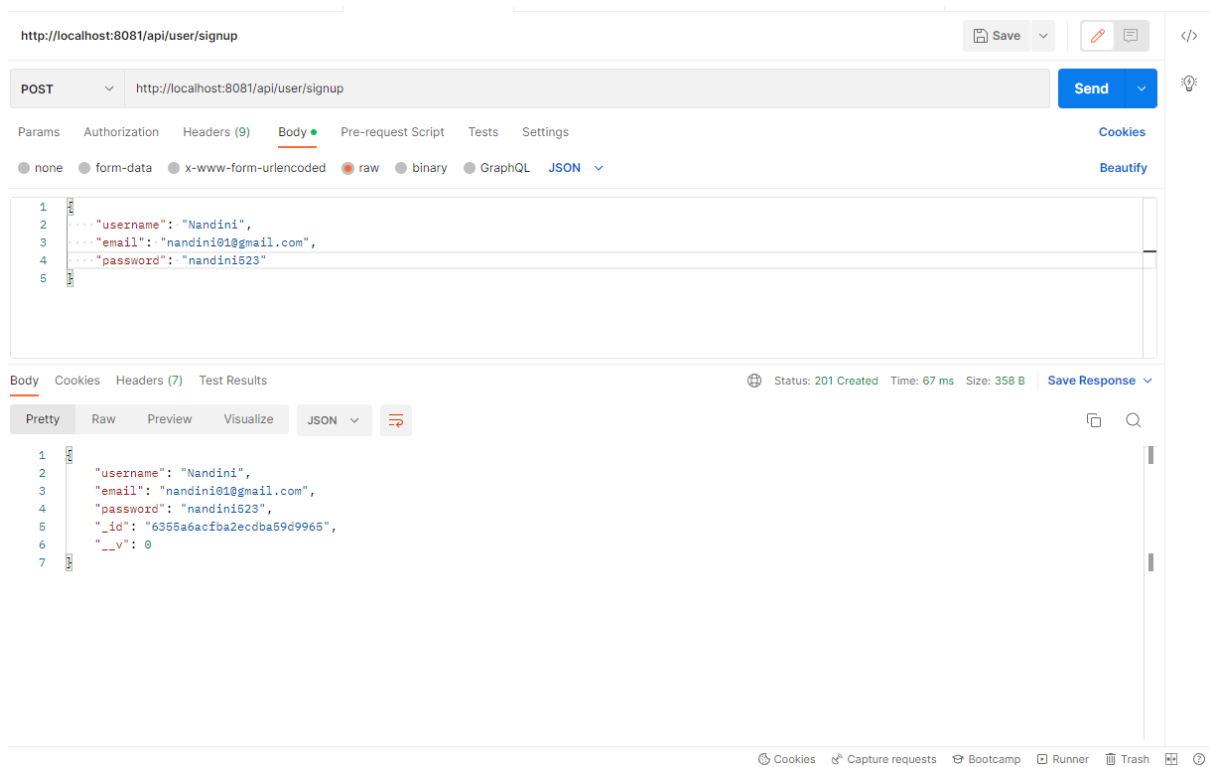
```
{ "_id": ObjectId("635594b4211e6a751ff9adb"), "first_name": "Vraj", "last_name": "Patel", "email": "vrajpatel1889@gmail.com", "salary": 180000, "gender": "male", "__v": 0 }
```

```
{ "_id": ObjectId("635597b38c2d4db82e24cflc"), "first_name": "Riya", "last_name": "Patel", "email": "riya@outlook.com", "salary": 1800, "gender": "female", "__v": 0 }
```

## MongoDB Console After Deleting



## User Signup



## User Login

http://localhost:8081/api/user/login

Save

</>

POST

http://localhost:8081/api/user/login

Send

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

Cookies

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

Beautify

```
1  {
2    "username": "Nandini",
3    "password": "nandini523"
4  }
```

Body

Cookies

Headers (7)

Test Results

Status: 200 OK

Time: 78 ms

Size: 281 B

Save Response

Pretty

Raw

Preview

Visualize

JSON

```
1  {
2    "username": "Nandini",
3    "password": "nandini523"
4  }
```

## User Login Error

http://localhost:8081/api/user/login

Save

</>

POST

http://localhost:8081/api/user/login

Send

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

Cookies

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

Beautify

```
1 {
2   ... "username": "Nandini",
3   ... "password": "nandini111"
4 }
```

Body

Cookies

Headers (7)

Test Results

Status: 400 Bad Request

Time: 32 ms

Size: 301 B

Save Response

Pretty

Raw

Preview

Visualize

JSON

1

2

3

4

```
{
  "message": "Invalid Username or Password",
  "status": false
}
```

The screenshot shows the MongoDB Atlas web interface. The top navigation bar includes 'All Clusters', 'Get Help', and 'Vraj'. The left sidebar contains navigation links: 'Project 0', 'Atlas', 'App Services', 'Charts', 'DEPLOYMENT', 'Database', 'Data Lake', 'DATA SERVICES', 'Triggers', 'Data API', 'Data Federation', 'SECURITY', 'Database Access', 'Network Access', and 'Advanced'. The main panel is titled 'Cluster0' and shows '5.0.13' and 'AWS N. Virginia (us-east-1)'. The 'Collections' tab is active, displaying 'DATABASES: 3' and 'COLLECTIONS: 5'. A search bar is present. The 'comp3123\_assignment1.users' collection is selected, showing 'STORAGE SIZE: 34KB', 'LOGICAL DATA SIZE: 109B', 'TOTAL DOCUMENTS: 1', and 'INDEXES TOTAL SIZE: 108KB'. A 'Find' button is visible. Below the search bar, a filter is applied: '{ field: 'value' }'. The query results show '1-1 OF 1' document. The document details are: '\_id: ObjectId('6355a6acfa2ecdb59d9965')', 'username: 'Nandini'', 'email: 'nandini01@gmail.com'', 'password: 'nandini523'', and '\_\_v: 0'.