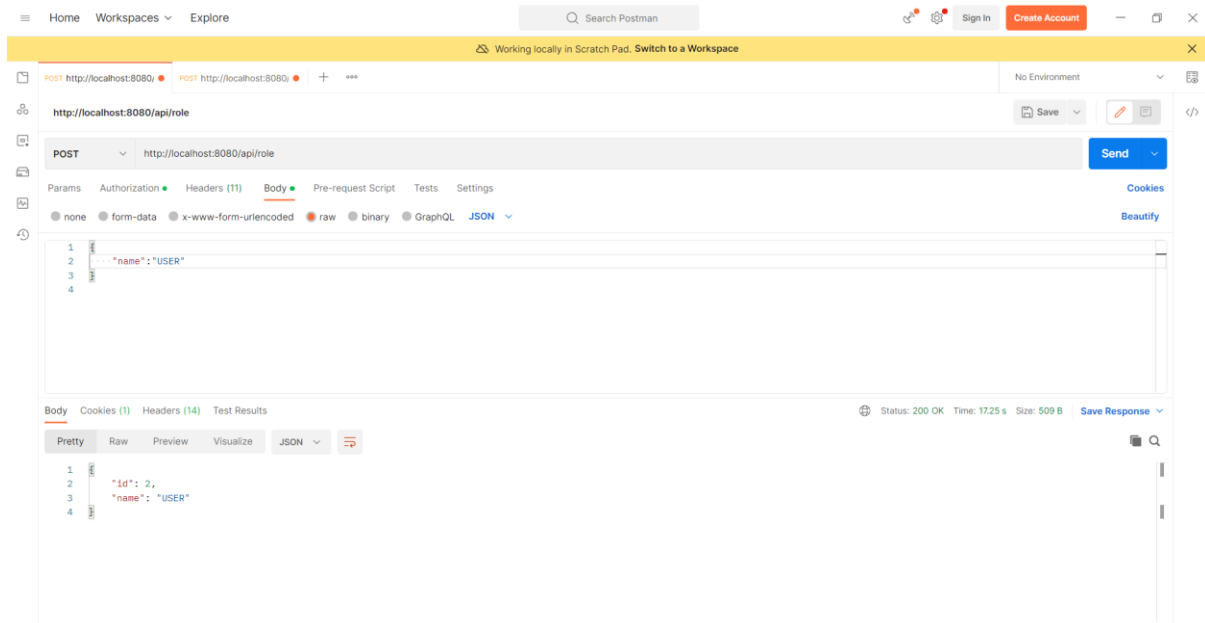


# SCREENSHOTS of RestAPI

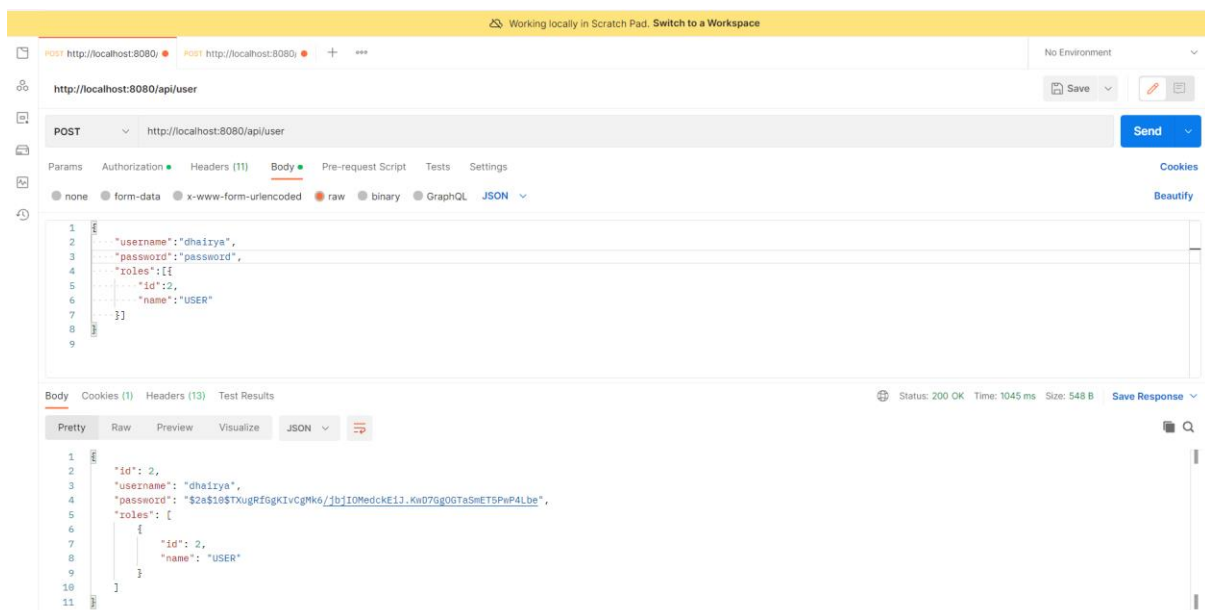
## assignment solution

### ADMIN Account

#### 1. Adding role



#### 2. Adding User which can be used for authentication purpose



### 3. Adding details of an Employee

POST http://localhost:8080/api/employees/add

Save Send

Params Authorization Headers (11) Body Pre-request Script Tests Settings Cookies

Type Basic Auth

Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we recommend using variables. [variables](#)

The authorization header will be automatically generated when you send the request. [Learn more about authorization](#)

Username admin

Password \*\*\*\*\*

Body Cookies (1) Headers (13) Test Results

Status: 200 OK Time: 33 ms Size: 497 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id": 3,
3   "firstName": "Swapnil",
4   "lastName": "Pandey",
5   "email": "swapnil.pandey@gmail.com"
6 }
```

### 4. List of details of all Employees

POST http://localhost:8080/ GET http://localhost:8080/api/employees/employeesList

Save Send

Params Authorization Headers (11) Body Pre-request Script Tests Settings Cookies

Type Basic Auth

Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we recommend using variables. [variables](#)

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Username admin

Password \*\*\*\*\*

Body Cookies (1) Headers (13) Test Results

Status: 200 OK Time: 18 ms Size: 691 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   {
3     "id": 1,
4     "firstName": "Dhairya Sheel",
5     "lastName": "Rastogi",
6     "email": "dhairya.rastogi@gmail.com"
7   },
8   {
9     "id": 2,
10    "firstName": "Debopriyo",
11    "lastName": "Chatterjee",
12    "email": "debopriyo.chatterjee@gmail.com"
13  },
14  {
15    "id": 3,
16    "firstName": "Swapnil",
17  }
18 }
```

## 5. Get details of an Employee based upon its ID

The screenshot shows a Postman interface for a GET request to `http://localhost:8080/api/employees/1`. The request is configured with Basic Authentication, where the username is `admin` and the password is masked with dots. The response status is 200 OK, with a time of 161 ms and a size of 505 B. The response body is displayed in JSON format:

```
1 {
2   "id": 1,
3   "firstName": "Dhaiya Sheel",
4   "lastName": "Rastogi",
5   "email": "dhaiya.rastogi@gmail.com"
6 }
```

## 6. Updating an Employee's Detail

The screenshot shows a Postman interface for a PUT request to `http://localhost:8080/api/employees/update`. The request body is a JSON object representing an employee's details. The response status is 200 OK, with a time of 427 ms and a size of 507 B. The response body is displayed in JSON format:

```
1 {
2   "id": 1,
3   "firstName": "Dhaiya Sheel",
4   "lastName": "Rastogi",
5   "email": "dhaiya.rastogi2@gmail.com"
6 }
```

## 7. Deleting an Employee's Detail

REST client interface showing a DELETE request to `http://localhost:8080/api/employees/delete/3`. The request body is a JSON object representing an employee:

```
{  "id": 1,  "firstName": "Dhairya Sheel",  "lastName": "Rastogi",  "email": "dhairya.rastogi20@gmail.com"}
```

The response status is 200 OK, and the response body is:

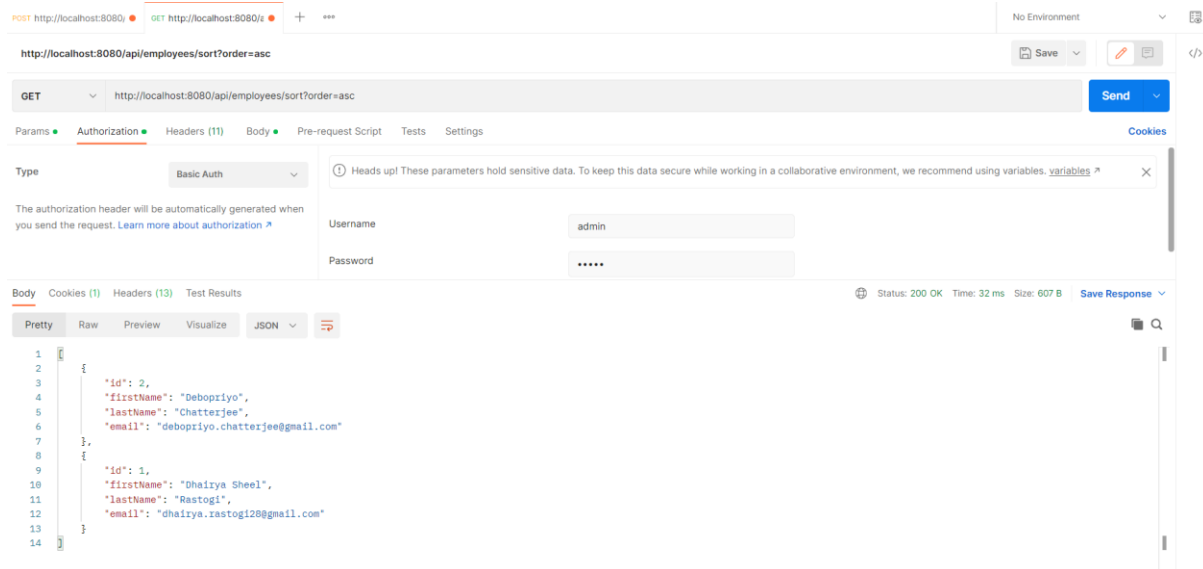
```
1 Deleted employee id -3
```

## 8. Searching Employee based upon the First Name

REST client interface showing a GET request to `http://localhost:8080/api/employees/search/d`. The request is authenticated using Basic Auth with the username `admin`. The response status is 200 OK, and the response body is a JSON array of two employee objects:

```
[  {    "id": 1,    "firstName": "Dhairya Sheel",    "lastName": "Rastogi",    "email": "dhairya.rastogi20@gmail.com"  },  {    "id": 2,    "firstName": "Debopriyo",    "lastName": "Chatterjee",    "email": "debopriyo.chatterjee@gmail.com"  }]
```

## 9. List of details of all Employees in Ascending Order



POST http://localhost:8080/ GET http://localhost:8080/

http://localhost:8080/api/employees/sort?order=asc

GET http://localhost:8080/api/employees/sort?order=asc

Params Authorization Headers (11) Body Pre-request Script Tests Settings

Type Basic Auth

Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we recommend using variables. [variables](#)

The authorization header will be automatically generated when you send the request. [Learn more about authorization](#)

Username admin

Password .....

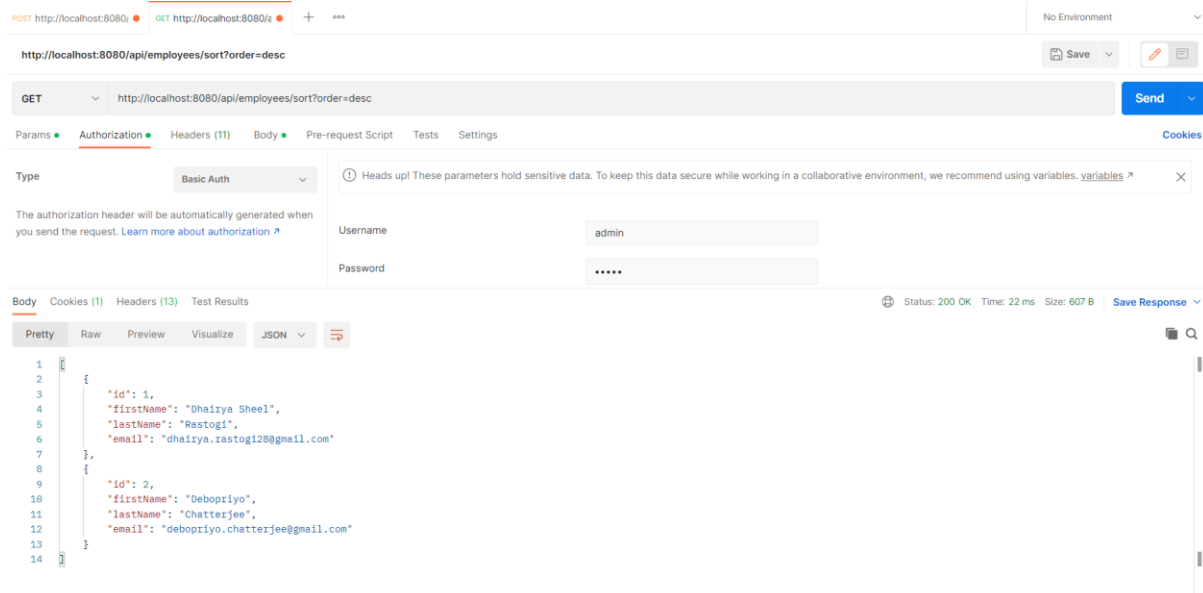
Body Cookies (1) Headers (13) Test Results

Status: 200 OK Time: 32 ms Size: 607 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id": 2,
3   "firstName": "Debopriyo",
4   "lastName": "Chatterjee",
5   "email": "debopriyo.chatterjee@gmail.com"
6 },
7 {
8   "id": 1,
9   "firstName": "Dhairya Sheel",
10  "lastName": "Rastogi",
11  "email": "dhairya.rastogi2@gmail.com"
12 }
13
14
```

## 10. List of details of all Employees in Descending Order



POST http://localhost:8080/ GET http://localhost:8080/

http://localhost:8080/api/employees/sort?order=desc

GET http://localhost:8080/api/employees/sort?order=desc

Params Authorization Headers (11) Body Pre-request Script Tests Settings

Type Basic Auth

Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we recommend using variables. [variables](#)

The authorization header will be automatically generated when you send the request. [Learn more about authorization](#)

Username admin

Password .....

Body Cookies (1) Headers (13) Test Results

Status: 200 OK Time: 22 ms Size: 607 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id": 1,
3   "firstName": "Dhairya Sheel",
4   "lastName": "Rastogi",
5   "email": "dhairya.rastogi2@gmail.com"
6 },
7 {
8   "id": 2,
9   "firstName": "Debopriyo",
10  "lastName": "Chatterjee",
11  "email": "debopriyo.chatterjee@gmail.com"
12 }
13
14
```

# USER Account

## 1. List of details of all Employees

POST http://localhost:8080/ GET http://localhost:8080/api/employees/employeesList

http://localhost:8080/api/employees/employeesList

GET http://localhost:8080/api/employees/employeesList

Params Authorization Headers (11) Body Pre-request Script Tests Settings

Type Basic Auth

Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we recommend using variables. [variables](#)

The authorization header will be automatically generated when you send the request. [Learn more about authorization](#)

Username dhairya

Password \*\*\*\*\*

Body Cookies (1) Headers (14) Test Results

Status: 200 OK Time: 304 ms Size: 682 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id": 1,
3   "firstName": "Dhairya Sheel",
4   "lastName": "Rastogi",
5   "email": "dhairya.rastogi2@gmail.com"
6 },
7 {
8   "id": 2,
9   "firstName": "Debopriyo",
10  "lastName": "Chatterjee",
11  "email": "debopriyo.chatterjee@gmail.com"
12 }
13 }
14 }
```

## 2. Get details of an Employee based upon its ID

POST http://localhost:8080/ X GET http://localhost:8080/api/employees/1

http://localhost:8080/api/employees/1

GET http://localhost:8080/api/employees/1

Params Authorization Headers (11) Body Pre-request Script Tests Settings

Type Basic Auth

Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we recommend using variables. [variables](#)

The authorization header will be automatically generated when you send the request. [Learn more about authorization](#)

Username dhairya

Password \*\*\*\*\*

Body Cookies (1) Headers (13) Test Results

Status: 200 OK Time: 17 ms Size: 507 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id": 1,
3   "firstName": "Dhairya Sheel",
4   "lastName": "Rastogi",
5   "email": "dhairya.rastogi2@gmail.com"
6 }
```

### 3. Adding details of an Employee

POST http://localhost:8080/api/employees/add

Body

```
1 {
2   "firstName": "Swapnil",
3   "lastName": "Pandey",
4   "email": "swapnil.pandey@gmail.com"
5 }
```

Body

```
1 {
2   "timestamp": "2022-11-06T17:55:41.391+00:00",
3   "status": 403,
4   "error": "Forbidden",
5   "message": "Forbidden",
6   "path": "/api/employees/add"
7 }
```

Status: 403 Forbidden Time: 214 ms Size: 645 B Save Response

### 4. Updating details of an Employee

PUT http://localhost:8080/api/employees/update

Body

```
1 {
2   "firstName": "Dhairya",
3   "lastName": "Rastogi",
4   "email": "dhairya.rastogi@gmail.com"
5 }
```

Body

```
1 {
2   "timestamp": "2022-11-06T17:57:43.761+00:00",
3   "status": 403,
4   "error": "Forbidden",
5   "message": "Forbidden",
6   "path": "/api/employees/update"
7 }
```

Status: 403 Forbidden Time: 14 ms Size: 573 B Save Response

## 5. Deleting an Employee's Detail

POST http://localhost:8080/ DEL http://localhost:8080/a + \*\*\* No Environment

http://localhost:8080/api/employees/delete/1 Save Send

DELETE http://localhost:8080/api/employees/delete/1

Params Authorization Headers (11) Body Pre-request Script Tests Settings Cookies

Type Basic Auth

Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we recommend using variables. [variables](#)

The authorization header will be automatically generated when you send the request. [Learn more about authorization](#)

Username dhairya

Password \*\*\*\*\*

☐ Show Password

Body Cookies (1) Headers (14) Test Results

Status: 403 Forbidden Time: 15 ms Size: 575 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "timestamp": "2022-11-06T17:59:01.361+00:00",
3   "status": 403,
4   "error": "Forbidden",
5   "message": "Forbidden",
6   "path": "/api/employees/delete/1"
7 }
```

## 6. Searching Employee based upon the First Name

POST http://localhost:8080/ GET http://localhost:8080/s + \*\*\* No Environment

http://localhost:8080/api/employees/search/d Save Send

GET http://localhost:8080/api/employees/search/d

Params Authorization Headers (11) Body Pre-request Script Tests Settings Cookies

Type Basic Auth

Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we recommend using variables. [variables](#)

The authorization header will be automatically generated when you send the request. [Learn more about authorization](#)

Username dhairya

Password \*\*\*\*\*

☐ Show Password

Body Cookies (1) Headers (14) Test Results

Status: 200 OK Time: 86 ms Size: 630 B Save Response

Pretty Raw Preview Visualize JSON

```
1 [
2   {
3     "id": 1,
4     "firstName": "Dhairya Sheel",
5     "lastName": "Rastogi",
6     "email": "dhairya.rastogi28@gmail.com"
7   },
8   {
9     "id": 2,
10    "firstName": "Debopriya",
11    "lastName": "Chatterjee",
12    "email": "Debopriya.Chatterjee@gmail.com"
13  }
14 ]
```



## 7. List of details of all Employees in Ascending Order

POST http://localhost:8080/ GET http://localhost:8080/api/employees/sort?order=asc

GET http://localhost:8080/api/employees/sort?order=asc

Params Authorization Headers (11) Body Pre-request Script Tests Settings Cookies

Type Basic Auth

Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we recommend using variables. [variables](#)

The authorization header will be automatically generated when you send the request. [Learn more about authorization](#)

Username dhairya

Password \*\*\*\*\*

☐ Show Password

Body Cookies (1) Headers (14) Test Results

Status: 200 OK Time: 25 ms Size: 630 B [Save Response](#)

Pretty Raw Preview Visualize JSON

```
1 {
2   {
3     "id": 2,
4     "firstName": "Debopriya",
5     "lastName": "Chatterjee",
6     "email": "Debopriya.Chatterjee@gmail.com"
7   },
8   {
9     "id": 1,
10    "firstName": "Dhairya Sheel",
11    "lastName": "Rastogi",
12    "email": "dhairya.rastogi20@gmail.com"
13  }
14 }
```

## 8. List of details of all Employees in Descending Order

POST http://localhost:8080/ GET http://localhost:8080/api/employees/sort?order=desc

GET http://localhost:8080/api/employees/sort?order=desc

Params Authorization Headers (11) Body Pre-request Script Tests Settings Cookies

Type Basic Auth

Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we recommend using variables. [variables](#)

The authorization header will be automatically generated when you send the request. [Learn more about authorization](#)

Username dhairya

Password \*\*\*\*\*

☐ Show Password

Body Cookies (1) Headers (14) Test Results

Status: 200 OK Time: 26 ms Size: 630 B [Save Response](#)

Pretty Raw Preview Visualize JSON

```
1 {
2   {
3     "id": 1,
4     "firstName": "Dhairya Sheel",
5     "lastName": "Rastogi",
6     "email": "dhairya.rastogi20@gmail.com"
7   },
8   {
9     "id": 2,
10    "firstName": "Debopriya",
11    "lastName": "Chatterjee",
12    "email": "Debopriya.Chatterjee@gmail.com"
13  }
14 }
```

