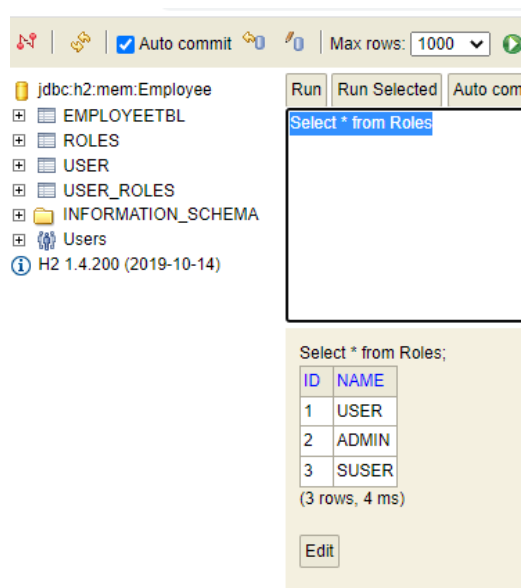
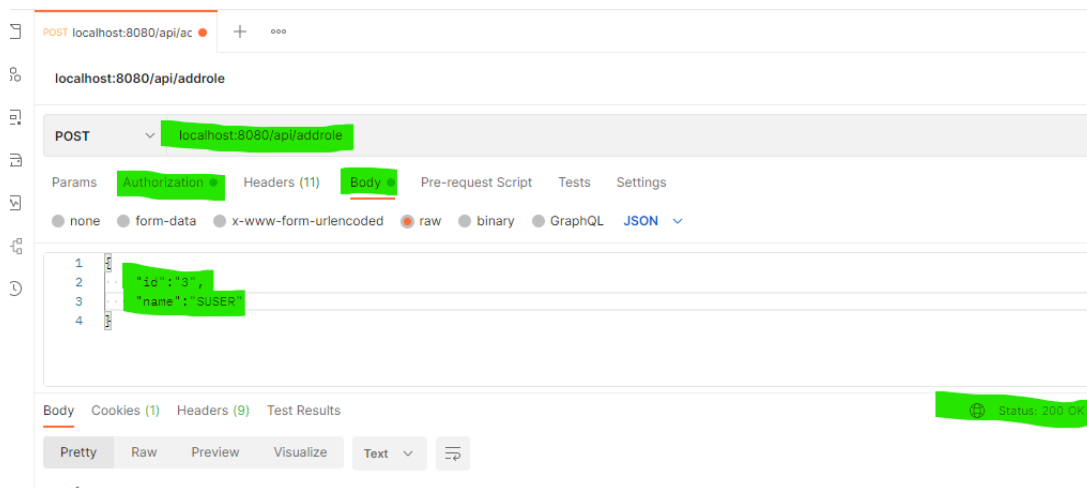


Screenshot for the application:

Application name: employee management

1. Able to add roles in the database dynamically (SUSER Role Successfully added to DB)

USER2 having admin access used in authorization



2. Able to add Users in the db which can be used for authentication purposes.

USER2 having admin access used in authorization

POST localhost:8080/api/ac + ... No Environment

localhost:8080/api/adduser Save

POST localhost:8080/api/adduser Send

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

none form-data x-www-form-urlencoded raw binary GraphQL JSON Beautify

```
1 {
2   "id": 3,
3   "username": "USER3",
4   "password": "admin"
5 }
```

Body Cookies (1) Headers (9) Test Results 200 OK 862 ms 282 B Save Response

Pretty Raw Preview Visualize

Run Run Selected Auto complete Clear SQL statement:

select \* from USER

select \* from USER;

ID	PASSWORD	USERNAME
1	\$2a\$12\$kBWjon7d5p/3K5C7qVWgG.9QpqxQWJlku2BTv.8e3K8WPiO.GKvwu	USER1
2	\$2a\$12\$sdTpw3XA9PAPBgjJAcBw0.E12/QcMng8.0nnLgXvmclXaLaEiVnYu	USER2
3	\$2a\$10\$uwW/xjVBEGGXvDWrjwEf8u5aA9n/FWJnQfRpyH.T1x6gK6mhmNjQS	USER3

(3 rows, 4 ms)

Edit

Role assigned for newly created user.

POST localhost:8080/api/as Overview + ... No Environment

localhost:8080/api/assignrole/3/2 Save

POST localhost:8080/api/assignrole/3/2 Send

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

none form-data x-www-form-urlencoded raw binary GraphQL JSON Beautify

```
1 {
2   "id": 3,
3   "username": "USER3",
4   "password": "admin"
5 }
```

Body Cookies (1) Headers (10) Test Results 200 OK 38 ms 458 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id": 3,
3   "username": "USER3",
4   "password": "$2a$10$uwW/xjVBEGGXvDWrjwEf8u5aA9n/FWJnQfRpyH.T1x6gK6mhmNjQS",
5   "roles": [
6     {
7       "name": "ADMIN",
```

### 3. Adding new Employee using “/addnewemployee” endpoint

Tried with USER1(Role=USER), Result 403 Access-Denied

POST localhost:8080/api/ad Overview + ... No Environment

localhost:8080/api/addnewemployee Save

POST localhost:8080/api/addnewemployee Send

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

Type Basic ... Username USER1 Password ..... Show Password

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

Body Cookies (1) Headers (10) Test Results 403 Forbidden 702 ms 348 B Save Response

Pretty Raw Preview Visualize Text

```
1 403- Access Denied
```

Tried with USER2(Role=ADMIN)

POST localhost:8080/api/ad Overview + ... No Environment

localhost:8080/api/addnewemployee Save

POST localhost:8080/api/addnewemployee Send

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

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

```
1 {
2   "id":9,
3   "firstname":"Ajay",
4   "lastname":"jadeja",
5   "email":"Ajjjaddu@hotmail.com"
6 }
```

Body Cookies (1) Headers (9) Test Results 200 OK 20 ms 282 B Save Response

Pretty Raw Preview Visualize Text

1

Row added in Database:

```
select * from employeetbl;
select * from USER
```

```
select * from employeetbl;
```

ID	EMAIL	FIRSTNAME	LASTNAME
1	rohit@gmail.com	Rohit	kumar
2	rahul@gmail.com	Rahul	singh
3	saket@gmail.com	saket	ghiria
4	raj@gmail.com	raj	kamal
5	kumar@gmail.com	kumar	Gaurav
6	Ahmed@gmail.com	Ahmed	Khan
7	ss.shar@gmail.com	Sandeep	Sharma
8	jaddu@hotmail.com	Ravindra	jadeja
9	Ajjjaddu@hotmail.com	Ajay	jadeja

(9 rows, 4 ms)

4. Get All Employee.

Result: All Employee result returned.

GET localhost:8080/api/alle Overview + ... No Environment

localhost:8080/api/allemployee Save

GET localhost:8080/api/allemployee Send

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

Type Basic Auth Username USER1 Password .....

The authorization header will be automatically generated when

Body Cookies (1) Headers (10) Test Results 200 OK 711 ms 1003 B Save Response

Pretty Raw Preview Visualize

```
[{"id":1,"firstname":"Rohit","lastname":"kumar","email":"rohit@gmail.com"}, {"id":2,"firstname":"Rahul","lastname":"singh","email":"rahul@gmail.com"}, {"id":3,"firstname":"saket","lastname":"ghiria","email":"saket@gmail.com"}, {"id":4,"firstname":"raj","lastname":"kamal","email":"raj@gmail.com"}, {"id":5,"firstname":"kumar","lastname":"Gaurav","email":"kumar@gmail.com"}, {"id":6,"firstname":"Ahmed","lastname":"Khan","email":"Ahmed@gmail.com"}, {"id":7,"firstname":"Sandeep","lastname":"Sharma","email":"ss.shar@gmail.com"}, {"id":8,"firstname":"Ravindra","lastname":"jadeja","email":"jaddu@hotmail.com"}, {"id":9,"firstname":"Ajay","lastname":"jadeja","email":"Ajjjaddu@hotmail.com"}]
```

## 5. Get employee by specific ID

Result: Employee with specific ID returned

GET localhost:8080/api/all Overview + ... No Environment

localhost:8080/api/allemployee/7 Save

GET localhost:8080/api/allemployee/7 Send

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

Type Basic Auth Username USER1 Password .....

The authorization header will be automatically generated when

Body Cookies (1) Headers (10) Test Results 200 OK 29 ms 401 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {"id": 7,
2   "firstname": "Sandeep",
3   "lastname": "Sharma",
4   "email": "ss.shar@gmail.com"
5 }
6
```

## 6. Update employee by Specific ID

Result: Specific Employee Details Updated.

PUT localhost:8080/api/upc Overview + ... No Environment

localhost:8080/api/updateemployee/7 Save

PUT localhost:8080/api/updateemployee/7 Send

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

none form-data x-www-form-urlencoded raw binary GraphQL JSON Beautify

```
1 {
2   "id": 7,
3   "firstname": "Sandeep",
4   "lastname": "singh",
5   "email": "ss.singh@gmail.com"
6 }
```

Body Cookies (1) Headers (10) Test Results 200 OK 29 ms 401 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id": 7,
3   "firstname": "Sandeep",
4   "lastname": "singh",
5   "email": "ss.singh@gmail.com"
6 }
```

## 7. Delete Employee by id

Result: Employee Deleted

DEL localhost:8080/api/del Overview + ... No Environment

localhost:8080/api/deleteemployee/3 Save

DELETE localhost:8080/api/deleteemployee/3 Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies

Type Basic Auth

The authorization header will be automatically generated when you send the request.

Username USER2

Password .....

☐ Show Password

Body Cookies (1) Headers (10) Test Results 200 OK 23 ms 349 B Save Response

Pretty Raw Preview Visualize Text

```
1 Deleted Employee with id 3
```

## 8. Employee List by First name.

Result: 2 record received as two employee has same Firstname

localhost:8080/api/getemployeebyfirstname/Rahul

GET localhost:8080/api/getemployeebyfirstname/Rahul

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies

Type Basic Auth Username USER1

Body Cookies (1) Headers (10) Test Results 200 OK 657 ms 474 B Save Response

Pretty Raw Preview Visualize JSON

```
4     "firstname": "Rahul",
5     "lastname": "singh",
6     "email": "rahul@gmail.com"
7   },
8   {
9     "id": 9,
10    "firstname": "Rahul",
11    "lastname": "Mishra",
12    "email": "Mishra@gmail.com"
13  }
14 ]
```

## 9. Employee List

Search by firstname Ascending.

localhost:8080/api/Searchemployeeby/firstname/ASC

GET localhost:8080/api/Searchemployeeby/firstname/ASC

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies

Type Basic Auth Username USER1

Body Cookies (1) Headers (10) Test Results 200 OK 25 ms 765 B Save Response

Pretty Raw Preview Visualize

```
[{"id":6,"firstname":"Ahmed","lastname":"Khan","email":"Ahmed@gmail.com"}, {"id":2,"firstname":"Rahul","lastname":"singh","email":"rahul@gmail.com"}, {"id":1,"firstname":"Rohit","lastname":"kumar","email":"rohit@gmail.com"}, {"id":5,"firstname":"kumar","lastname":"Gaurav","email":"kumar@gmail.com"}, {"id":4,"firstname":"raj","lastname":"kamal","email":"raj@gmail.com"}, {"id":3,"firstname":"saketa","lastname":"ghiria","email":"saketa@gmail.com"}]
```

Search by Firstname Descending

GET localhost:8080/api/Searchemployeeby/firstname/DESC Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies

Type Basic Auth Username USER1

Body Cookies (1) Headers (10) Test Results 200 OK 23 ms 765 B Save Response

Pretty Raw Preview Visualize

```
[{"id":3,"firstname":"saket","lastname":"ghiria","email":"saket@gmail.com"}, {"id":4,"firstname":"raj","lastname":"kamal","email":"raj@gmail.com"}, {"id":5,"firstname":"kumar","lastname":"Gaurav","email":"kumar@gmail.com"}, {"id":1,"firstname":"Rohit","lastname":"kumar","email":"rohit@gmail.com"}, {"id":2,"firstname":"Rahul","lastname":"singh","email":"rahul@gmail.com"}, {"id":6,"firstname":"Ahmed","lastname":"Khan","email":"Ahmed@gmail.com"}]
```

### Trying delete with USER1: Result "403-Access Denied"

DEL localhost:8080/api/delk + ... No Environment

localhost:8080/api/deleteemployee/3 Save

DELETE localhost:8080/api/deleteemployee/3 Send

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

Type Basic Auth Username USER1 Password ..... Show Password

The authorization header will be automatically generated when you send the request.

Body Cookies (1) Headers (10) Test Results 403 Forbidden 666 ms 348 B Save Response

Pretty Raw Preview Visualize

403- Access Denied