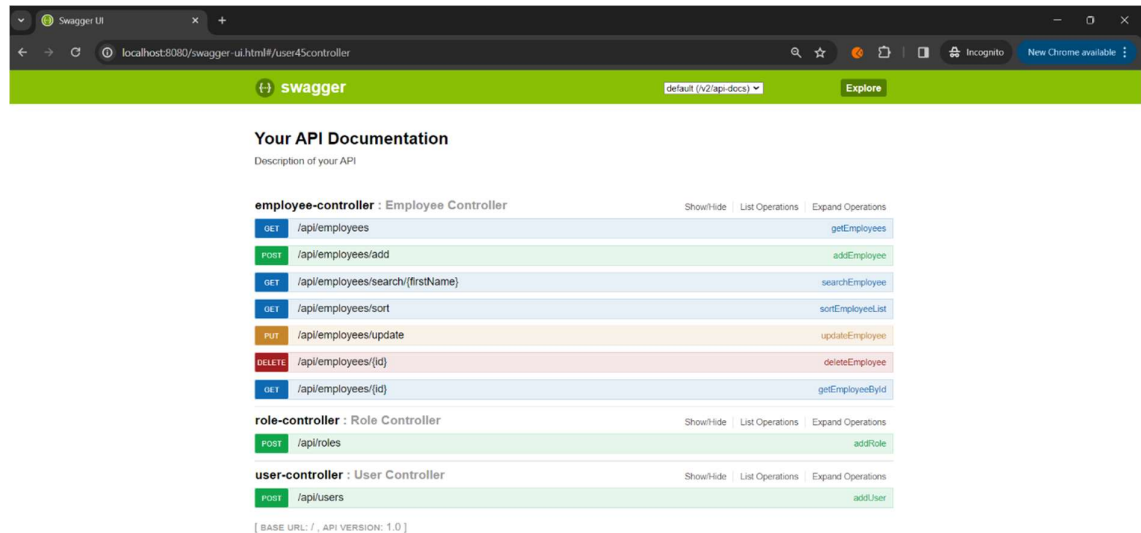


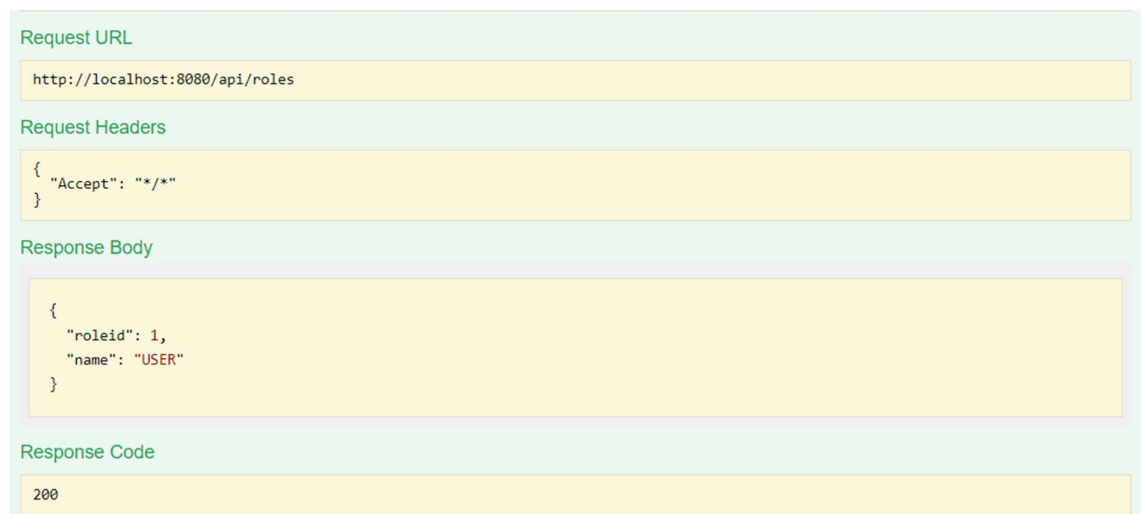
SCREENSHOTS FOR EMPLOYEE MANAGEMENT REST API BASED WEB APP

GRADED ASSIGNMENT – 4 (BACK END DEVELOPMENT)

1. SWAGGER UI TO RUN ALL API ENDPOINTS –



2. ADD ROLES IN THE DATABASE DYNAMICALLY –



3. ADD USERS IN THE DATABASE DYNAMICALLY –

Request URL

`http://localhost:8080/api/users`

Request Headers

```
{
  "Accept": "*/*"
}
```

Response Body

```
{
  "userid": 2,
  "username": "temp",
  "password": "$2a$10$rV/jHAXqaWI9/SiLbD84GeokdAGeCgA18R7m3L7A2zK72UZw0a11u",
  "roles": [
    {
      "roleid": 3,
      "name": "ADMIN"
    }
  ]
}
```

Response Code

`200`

4. ADD EMPLOYEE DATA IN DATABASE –

Request URL

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

Request Headers

```
{
  "Accept": "*/*"
}
```

Response Body

```
{
  "id": 1,
  "firstName": "g1",
  "lastName": "postman",
  "email": "postman@gamil.com"
}
```

Response Code

`200`

5. LIST ALL THE EMPLOYEES STORED IN THE DATABASE –

Request URL

http://localhost:8080/api/employees

Request Headers

```
{
  "Accept": "*/*"
}
```

Response Body

```
[
  {
    "id": 1,
    "firstName": "gl",
    "lastName": "postman",
    "email": "postman@gamil.com"
  },
  {
    "id": 2,
    "firstName": "Ujjawal",
    "lastName": "Sharma",
    "email": "fdfdgd@gmail.com"
  },
  {
    "id": 3,
    "firstName": "temp",
    "lastName": "kaushik",
    "email": "jdfdkfdjj@gmail.com"
  },
  {
    "id": 4,
    "firstName": "postman123",
    "lastName": "postman",
    "email": "postman789@gamil.com"
  }
]
```

Response Code

200

6. FETCH OR GET AN EMPLOYEE RECORD BASED ON ID OF THAT EMPLOYEE –

Request URL

http://localhost:8080/api/employees/4

Request Headers

```
{
  "Accept": "*/*"
}
```

Response Body

```
{
  "id": 4,
  "firstName": "postman123",
  "lastName": "postman",
  "email": "postman789@gamil.com"
}
```

Response Code

200

7. UPDATE AN EXISTING EMPLOYEE RECORD IN THE DATABASE –

Request URL
<code>http://localhost:8080/api/employees/update</code>
Request Headers
<code>{ "Accept": "*/*" }</code>
Response Body
<code>{ "id": 4, "firstName": "postman123", "lastName": "postman", "email": "postman789@gamil.com" }</code>
Response Code
<code>200</code>

8. DELETE AN EXISTING EMPLOYEE RECORD BASED ON THE ID OF EMPLOYEE –

Request URL
<code>http://localhost:8080/api/employees/5</code>
Request Headers
<code>{ "Accept": "*/*" }</code>
Response Body
<code>Deleted employee id - 5</code>
Response Code
<code>200</code>

9. FETCH AN EMPLOYEE BY HIS/HER FIRST NAME –

Request URL

```
http://localhost:8080/api/employees/search/gl
```

Request Headers

```
{
  "Accept": "*/*"
}
```

Response Body

```
[
  {
    "id": 1,
    "firstName": "gl",
    "lastName": "postman",
    "email": "postman@gamil.com"
  },
  {
    "id": 5,
    "firstName": "gl1",
    "lastName": "postman1",
    "email": "postman@gamil.com"
  }
]
```

Response Code

```
200
```

10. LIST ALL EMPLOYEE RECORDS SORTED ON THEIR FIRST NAME – (EITHER INCREASING OR DECREASING ORDER)

Request URL

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

Request Headers

```
{
  "Accept": "*/*"
}
```

Response Body

```
[
  {
    "id": 2,
    "firstName": "Ujjawal",
    "lastName": "Sharma",
    "email": "fdfdgd@gmail.com"
  },
  {
    "id": 3,
    "firstName": "temp",
    "lastName": "kaushik",
    "email": "jdfdkfdjj@gmail.com"
  },
  {
    "id": 4,
    "firstName": "postman",
    "lastName": "postman",
    "email": "postman@gamil.com"
  }
]
```

Response Code

```
200
```