

# REST API Assignment Solution

## 1. Home Page - <http://localhost:8080/>

Welcome to Employee Management

Login

Employee Management API

H2 - Console

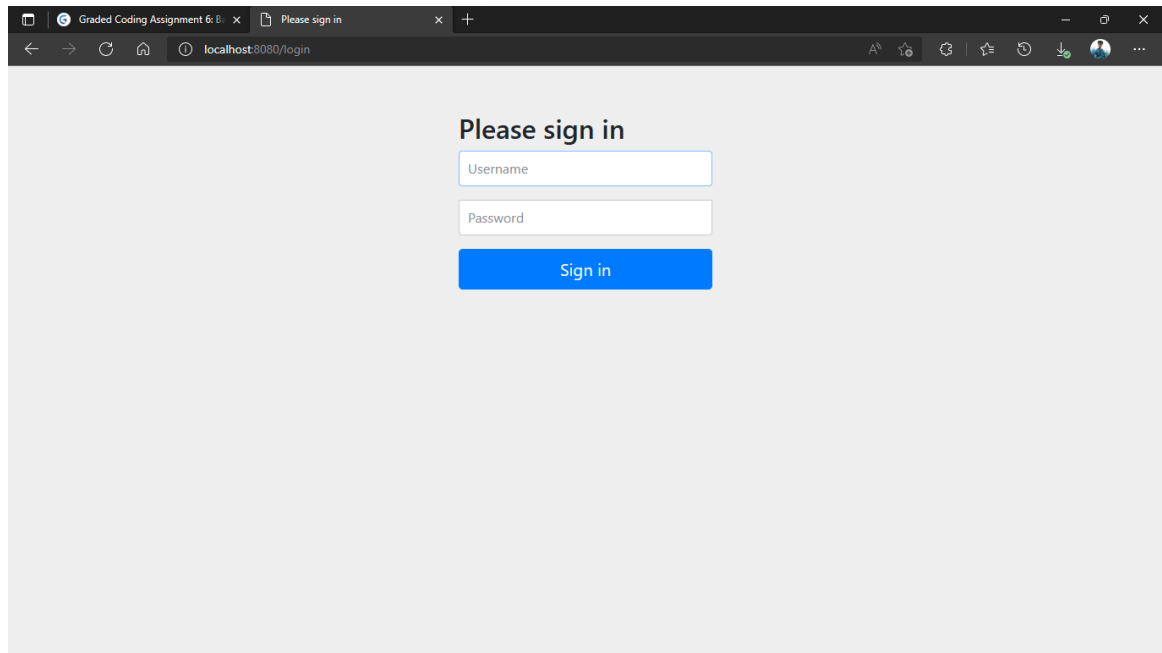
View Users & Roles

Users		Roles
Username (Id)	Password	Name (Id)
admin (1)	\$2a\$10\$JIVb0gK22hH3S8YWJabF8uLwmzVoiP.a.ttj1Nm5W8axofeKGO8Y6	ADMIN (1)
user (2)	\$2a\$10\$DNzZd20IUdZ0aL3eTTcjPeh5p1jrLuaUinC1e3XmFOQuR2ziAXPFW	USER (2)

Note: Default username and password is same

View Employees				—
Id	First Name	Last Name	Email	
1	Harshit	Choudhary	Harshit@greatlearning.in	
2	Ankit	Garg	Ankit@greatlearning.in	
3	Monica	Sharma	Monica@greatlearning.in	
4	Bhavya	Shetty	BHavya@greatlearning.in	

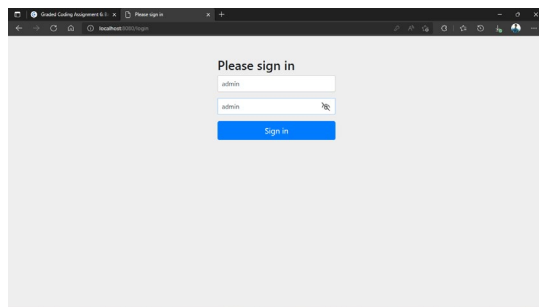
## 2. Login Page - <http://localhost:8080/login/>



A screenshot of a web browser window showing a login page. The browser's address bar displays 'localhost:8080/login'. The page has a light gray background and contains the following elements:

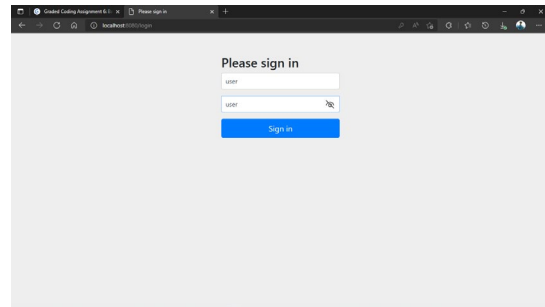
- The heading 'Please sign in' in a bold, black font.
- A text input field labeled 'Username'.
- A text input field labeled 'Password'.
- A blue button with the text 'Sign in'.

### Admin Login




A screenshot of the login page with the 'Admin Login' title. The browser window shows the same 'Please sign in' form as the main screenshot. In this instance, the 'Username' and 'Password' fields both contain the text 'admin'.

### User Login



A screenshot of the login page with the 'User Login' title. The browser window shows the same 'Please sign in' form. In this instance, the 'Username' and 'Password' fields both contain the text 'user'.

### 3. Employee Management API - <http://localhost:8080/swagger-ui.html>

 swagger

Select a spec EmployeeManagement-API

## EmployeeManagement API <sup>4.0</sup>

[ Base URL: localhost:8080/ ]  
<http://localhost:8080/v2/api-docs?group=EmployeeManagement-API>

EmployeeManagement API for developers  
[Terms of service](#)  
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[Send email to EmployeeManagement API](#)  
[EmployeeManagement License](#)

### employee-controller Employee API

DELETE

/employees/deleteById deleteById

GET

/employees/findALL findAll

GET

/employees/findByFirstNameContainsAllIgnoreCase findByFirstNameContainsAllIgnoreCase

GET

/employees/findById findById

POST

/employees/save save

GET

/employees/sortByFirstNameDirection sortByFirstNameDirection

PUT

/employees/updateById updateById

### role-controller Role API

DELETE

/roles/deleteById deleteById

GET

/roles/findALL findAll

GET

/roles/findById findById

POST

/roles/save save

PUT

/roles/updateById updateById

### user-controller User API

DELETE

/users/deleteById deleteById

GET

/users/findALL findAll

GET

/users/findById findById

POST

/users/save save

PUT

/users/updateById updateById

### Models

Employee

```
{
  email: string
  firstName: string
  id: integer($int32)
  lastName: string
}
```

Role


```
{
  id: integer($int32)
  name: string
}
```

User

```
{
  id: integer($int32)
  password: string
  userRoles: [...]
  username: string
}
```

## 4. Admin Operations

### Delete

 Select a spec: **EmployeeManagement-API**

### EmployeeManagement API <sup>1.0</sup>

[ Base URL: localhost:8080/ ]  
<https://localhost:8080/swagger-docs?group=EmployeeManagement-API>

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#### employee-controller Employee API

**DELETE** /employees/deleteById deleteById

Parameters

Name	Description
<b>employeeId</b> <small>* required</small> (integer (int32)) (query)	employeeId <input type="text" value="1"/>

Execute

Clear

Responses

Response content type: **\*/\***

Curl

curl -X DELETE "http://localhost:8080/employees/deleteById/employeeId=1" -H "accept: \*/\*"

Request URL

http://localhost:8080/employees/deleteById/employeeId=1

Server response

Code	Details
200	<div>Response body</div> <div>Deleted employee id - 1</div> <div>Download</div> <div>Response headers</div> <div>cache-control: no-cache, no-store, max-age=0, must-revalidate connection: keep-alive content-length: 23 content-type: text/plain; charset=UTF-8 date: Fri, 31 Dec 2021 16:52:02 GMT expires: 0 keep-alive: timeout=60 pragma: no-cache vary: Origin, Access-Control-Request-Method, Access-Control-Request-Headers x-content-type-options: nosniff x-frame-options: DENY x-xss-protection: 1; mode=block</div>

204	OK  Example Value	Model  "string"
204	No Content	
401	Unauthorized	
403	Forbidden	

Responses

Code	Description
200	<div>OK</div> <div>Example Value   Model</div> <div>"string"</div>
204	<div>No Content</div>
401	<div>Unauthorized</div>
403	<div>Forbidden</div>

GET /employees/findAll findAll

GET /employees/findByFirstNameContainsAllIgnoreCase findByFirstNameContainsAllIgnoreCase

GET /employees/findById findById

POST /employees/save save

GET /employees/sortByFirstNameDirection sortByFirstNameDirection

PUT /employees/updateById updateById

role-controller Role API

user-controller User API

Models

List

swagger

Select a specEmployeeManagement-API

EmployeeManagement API

1

See also: localhost:8080/

https://localhost:8080/docs/swagger-EmployeeManagement-API

EmployeeManagement API for developers

Terms of service

EmployeeManagement API - Website

Send email to EmployeeManagement API

EmployeeManagement License

employee-controller

Employee API

DELETE

/employees/deleteById

deleteById

GET

/employees/findAll

findAll

Parameters

Cancel

No parameters

Execute

Clear

Responses

Response content type \*/\*

curl

curl -X GET "http://localhost:8080/employees/findAll" -H "accept: \*/\*"

Request URL

http://localhost:8080/employees/findAll

Server response

Code

Details

200

Response body

```
{
  "id": 2,
  "firstName": "Ankit",
  "lastName": "Garg",
  "email": "Ankit@greatlearning.in"
},
{
  "id": 3,
  "firstName": "Monica",
  "lastName": "Sharma",
  "email": "Monica@greatlearning.in"
},
{
  "id": 4,
  "firstName": "Bhavya",
  "lastName": "Shetty",
  "email": "Bhavya@greatlearning.in"
}

```

Download

Response headers

cache-control: no-cache, no-store, max-age=0, must-revalidate
connection: keep-alive
content-type: application/json
date: Fri, 31 Dec 2021 10:57:27 GMT
expires: 0
keep-alive: timeout=60
pragma: no-cache
transfer-encoding: chunked
vary: Origin, Access-Control-Request-Method, Access-Control-Request-Headers
x-content-type-options: nosniff
x-frame-options: DENY
x-xss-protection: 1; mode=block

Responses

Code

Description

200

OK

Example Value

Model

```
{
  "email": "string",
  "firstName": "string",
  "id": 0,
  "lastName": "string"
}

```

401

Unauthorized

403

Forbidden

404

Not Found

GET

/employees/findByFirstNameContainsAllIgnoreCase

findByFirstNameContainsAllIgnoreCase

GET

/employees/findById

findById

POST

/employees/save

save

GET

/employees/sortByFirstNameDirection

sortByFirstNameDirection

PUT

/employees/updateById

updateById

role-controller

Role API

user-controller

User API

Models

# Find by First Name

swagger

Select a specEmployeeManagement-API

## EmployeeManagement API <sup>0.0</sup>

[ Base URL: localhost:8080/ ]  
<http://localhost:8080/v2/api-docs?group=EmployeeManagement-API>

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employee-controllerEmployee API

DELETE

/employees/deleteByIddeleteById

GET

/employees/findAllfindAll

GET

/employees/findByFirstNameContainsAllIgnoreCasefindByFirstNameContainsAllIgnoreCase

Parameters

Cancel

Name	Description
firstName * required string (query)	firstName ankit

Execute

Clear

Responses

Response content type \*/\*

Curl

```
curl -X GET "http://localhost:8080/employees/findByFirstNameContainsAllIgnoreCase?firstName=ankit" -H "accept: */*"
```

Request URL

```
http://localhost:8080/employees/findByFirstNameContainsAllIgnoreCase?firstName=ankit
```

Server response

Code

Details

200

Response body

```
{
  "id": 2,
  "firstName": "Ankit",
  "lastName": "Garg",
  "email": "Ankitgreatlearning.io"
}
```

Download

Response headers

```
cache-control: no-cache, no-store, max-age=0, must-revalidate
connection: keep-alive
content-type: application/json
date: Fri, 31 Dec 2021 16:59:56 GMT
expires: 0
keep-alive: timeout=60
pragma: no-cache
transfer-encoding: chunked
vary: Origin, Access-Control-Request-Method, Access-Control-Request-Headers
x-content-type-options: nosniff
x-frame-options: DENY
x-xss-protection: 1; mode=block
```

Responses

Code	Description
200	OK
Example Value   Model <pre>{   "email": "string",   "firstName": "string",   "id": 0,   "lastName": "string" }</pre>	
401	Unauthorized
403	Forbidden
404	Not Found

GET

/employees/findByIdfindById

POST

/employees/savesave

GET

/employees/sortByFirstNameDirectionsortByFirstNameDirection

PUT

/employees/updateByIdupdateById

role-controllerRole API

>

user-controllerUser API

>

Models

>

# Find by Id

swagger

Select a specEmployeeManagement-API

## EmployeeManagement API <sup>1.0</sup>

[ Base URL: localhost:8080 / ]  
<http://localhost:8080/v2/guides3?group=EmployeeManagement-API>

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employee-controllerEmployee API

DELETE

/employees/deleteByIddeleteById

GET

/employees/findALLfindAll

GET

/employees/findByFirstNameContainsAllIgnoreCasefindByFirstNameContainsAllIgnoreCase

GET

/employees/findByIdfindById

Parameters

Cancel

Name	Description
employeeid *required Integer (32-bit signed integer) (query)	employeeid <input type="text" value="4"/>

Execute

Clear

Responses

Response content type \*/\*

Curl

curl -X GET "http://localhost:8080/employees/findById?employeeId=4" -H "accept: \*/\*"

Request URL

http://localhost:8080/employees/findById?employeeId=4

Server response

Code	Details
200	<div><div>Response body</div><div>Employee(id=4, firstName=Bhavya, lastName=Shetty, email=Bhavya@greatlearning.in)</div><div>Download</div></div> <div><div>Response headers</div><div>cache-control: no-cache, no-store, max-age=0, must-revalidate connection: keep-alive content-length: 88 content-type: text/plain; charset=UTF-8 date: Fri, 31 Dec 2021 17:01:09 GMT expires: 0 keep-alive: timeout=60 pragma: no-cache vary: Origin, Access-Control-Request-Method, Access-Control-Request-Headers x-content-type-options: nosniff x-frame-options: DENY x-xss-protection: 1; mode=block</div></div>

Responses

Code	Description
200	<div>OK</div> <div><div>Example Value</div><div>Model</div><div>"string"</div></div>
401	<div>Unauthorized</div>
403	<div>Forbidden</div>
404	<div>Not Found</div>

POST

/employees/save

save

GET

/employees/sortByFirstNamedirection

sortByFirstNamedirection

PUT

/employees/updateById

updateById

role-controllerRole API

>

user-controllerUser API

>

Models

>

# Sort by First Name & Direction

Swagger

Select a specEmployeeManagement API

## EmployeeManagement API <sup>🔗</sup>

Base URL: [localhost:8080](#)  
[https://raw.githubusercontent.com/yourusername/EmployeeManagementAPI](#)

EmployeeManagement API for developers

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[EmployeeManagement License](#)

employee-controllerEmployee API

DELETE

/employees/deleteById/{employeeId}

GET

/employees/findAll/{roleId}

GET

/employees/findByFirstNameContainsAllIgnoreCase/{roleId}/firstNameContainsIgnoreCase

GET

/employees/findById/{roleId}

POST

/employees/save/{roleId}

GET

/employees/sortByFirstNameDirection/{roleId}/firstNameDirection

Parameters

Cancel

Name	Description
direction <sup>required</sup>	direction
roleId	{roleId}

Execute

Clear

Responses

Response content type: JSON

curl

curl -X GET "http://localhost:8080/employees/sortByFirstNameDirection?roleId=1&direction=ASC"

Request URL

http://localhost:8080/employees/sortByFirstNameDirection?roleId=1&direction=ASC

Server response

Code

Details

200

```
{
  "page": 2,
  "firstName": "John",
  "lastName": "Doe",
  "email": "john.doe@example.com",
  "roleId": 1,
  "page": 4,
  "firstName": "Mary",
  "lastName": "Doe",
  "email": "mary.doe@example.com",
  "roleId": 2,
  "firstName": "John",
  "lastName": "Doe",
  "email": "john.doe@example.com",
  "roleId": 3
}
```

Response headers

Cache-Control: no-cache, no-store, max-age=0, must-revalidate  
Connection: keep-alive  
Content-Type: application/json  
Date: Fri, 31 Dec 2021 17:46:06 GMT  
Expires: 0  
Pragma: no-cache  
Server: Apache/2.4.18 (Ubuntu)  
Vary: Accept-Encoding, Accept-Request-Method, Accept-Request-Headers  
X-Content-Type-Options: nosniff  
X-Frame-Options: DENY  
X-XSS-Protection: 1; mode=block

Response

Code

Description

200

OK

Example Value: JSON

```
{
  "page": 2,
  "firstName": "John",
  "lastName": "Doe",
  "email": "john.doe@example.com",
  "roleId": 1
}
```

401

Unauthorized

Forbidden

403

Forbidden

404

Not Found

POST

/employees/updateById/{employeeId}

role-controllerRole API

>

user-controllerUser API

>

Models

>

Swagger

Select a specEmployeeManagement API

## EmployeeManagement API <sup>🔗</sup>

Base URL: [localhost:8080](#)  
[https://raw.githubusercontent.com/yourusername/EmployeeManagementAPI](#)

EmployeeManagement API for developers

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[EmployeeManagement API - Website](#)  
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[EmployeeManagement License](#)

employee-controllerEmployee API

DELETE

/employees/deleteById/{employeeId}

GET

/employees/findAll/{roleId}

GET

/employees/findByFirstNameContainsAllIgnoreCase/{roleId}/firstNameContainsIgnoreCase

GET

/employees/findById/{roleId}

POST

/employees/save/{roleId}

GET

/employees/sortByFirstNameDirection/{roleId}/firstNameDirection

Parameters

Cancel

Name	Description
direction <sup>required</sup>	direction
roleId	{roleId}

Execute

Clear

Responses

Response content type: JSON

curl

curl -X GET "http://localhost:8080/employees/sortByFirstNameDirection?roleId=1&direction=DESC"

Request URL

http://localhost:8080/employees/sortByFirstNameDirection?roleId=1&direction=DESC

Server response

Code

Details

200

```
{
  "page": 2,
  "firstName": "John",
  "lastName": "Doe",
  "email": "john.doe@example.com",
  "roleId": 1,
  "page": 4,
  "firstName": "Mary",
  "lastName": "Doe",
  "email": "mary.doe@example.com",
  "roleId": 2,
  "firstName": "John",
  "lastName": "Doe",
  "email": "john.doe@example.com",
  "roleId": 3
}
```

Response headers

Cache-Control: no-cache, no-store, max-age=0, must-revalidate  
Connection: keep-alive  
Content-Type: application/json  
Date: Fri, 31 Dec 2021 17:47:06 GMT  
Expires: 0  
Pragma: no-cache  
Server: Apache/2.4.18 (Ubuntu)  
Vary: Accept-Encoding, Accept-Request-Method, Accept-Request-Headers  
X-Content-Type-Options: nosniff  
X-Frame-Options: DENY  
X-XSS-Protection: 1; mode=block

Response

Code

Description

200

OK

Example Value: JSON

```
{
  "page": 2,
  "firstName": "John",
  "lastName": "Doe",
  "email": "john.doe@example.com",
  "roleId": 1
}
```

401

Unauthorized

Forbidden

403

Forbidden

404

Not Found

POST

/employees/updateById/{employeeId}

role-controllerRole API

>

user-controllerUser API

>

Models

>



# Update by id

swagger

Select a spec: EmployeeManagement-API

## EmployeeManagement API

1 Base URL: localhost:8080 / 2  
[View Swagger UI for this API](#)

EmployeeManagement API for developers

[Terms of service](#)

[EmployeeManagement API - Website](#)

[Send email to EmployeeManagement API](#)

[EmployeeManagement License](#)

employee-controller Employee API

DELETE /employees/deleteById deleteById

GET /employees/findAll findAll

GET /employees/findByFirstNameContainsAllIgnoreCase findByFirstNameContainsAllIgnoreCase

GET /employees/findById findById

POST /employees/save save

GET /employees/sortByFirstNameDirection sortByFirstNameDirection

PUT /employees/updateById updateById

Parameters

Cancel

Name	Description
<b>employee</b> <small>required</small> (body)	employee  Example Value   Model <pre>{  "email": "abc",  "firstName": "bcd",  "id": 4,  "lastName": "efg"}</pre>

Cancel

Parameter content type  
application/json

Execute

Clear

Responses

Response content type: \*/\*

Curl

```
curl -X PUT "http://localhost:8080/employees/updateById" -H "accept: */*" -H "Content-Type: application/json" -d '{"email": "abc", "firstName": "bcd", "id": 4, "lastName": "efg"}'
```

Request URL

http://localhost:8080/employees/updateById

Server response

Code

Details

200

Response body

Successfully updated - Employee(id=4, firstName=bcd, lastName=efg, email=abc)

Download

Response headers

cache-control: no-cache, no-store, max-age=0, must-revalidate  
connection: keep-alive  
content-length: 77  
content-type: text/plain; charset=utf-8  
date: Fri, 31 Dec 2021 22:00:36 GMT  
expires: 0  
keep-alive: timeout=60  
pragma: no-cache  
vary: origin, Access-Control-Request-Method, Access-Control-Request-Headers  
x-content-type-options: nosniff  
x-frame-options: DENY  
x-xss-protection: 1; mode=block

Responses

Code	Description
200	OK
	Example Value   Model
	"string"
201	Created
401	Unauthorized
403	Forbidden
404	Not Found

role-controller Role API

>

user-controller User API

>

Models

>

## 5. User Operations

### Delete

 Select a spec **EmployeeManagement-API**

### EmployeeManagement API <sup>0.0</sup>

[ Base URL: localhost:8080/ ]  
<https://petstore.swagger.io/v2/swagger.json?spec=EmployeeManagement-API>

EmployeeManagement API for developers

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[EmployeeManagement License](#)

**employee-controller** Employee API

**DELETE** /employees/deleteById deleteById

Parameters

Cancel

Name	Description
<b>employeeId</b> <sup>*</sup> required integer(int32) (query)	employeeId <input type="text" value="1"/>

Execute

Clear

Responses

Response content type **\*/\***

Curl

```
curl -X DELETE "http://localhost:8080/employees/deleteById?employeeId=1" -H "accept: */*"
```

Request URL

```
http://localhost:8080/employees/deleteById?employeeId=1
```

Server response

Code

Details

403

Error:  
Response body  

```
{
  "timestamp": "2022-01-01T01:51:56.797+00:00",
  "status": 403,
  "error": "Forbidden",
  "message": "Forbidden",
  "path": "/employees/deleteById"
}
```

Download

Response headers  

```
cache-control: no-cache, no-store, max-age=0, must-revalidate
connection: keep-alive
content-type: application/json
date: Sat, 01 Jan 2022 01:51:56 GMT
expires: 0
keep-alive: timeout=60
pragma: no-cache
transfer-encoding: chunked
vary: Origin, Access-Control-Request-Method, Access-Control-Request-Headers
x-content-type-options: nosniff
x-frame-options: DENY
x-xss-protection: 1; mode=block
```

Responses

Code	Description
200	<b>OK</b> <div>Example Value   Model <pre>"string"</pre></div>
204	<b>No Content</b>
401	<b>Unauthorized</b>
403	<b>Forbidden</b>

**GET** /employees/findAll findAll

**GET** /employees/findByFirstNameContainsAllIgnoreCase findByFirstNameContainsAllIgnoreCase

**GET** /employees/findById findById

**POST** /employees/save save

**GET** /employees/sortByFirstNameDirection sortByFirstNameDirection

**PUT** /employees/updateById updateById

**role-controller** Role API

**user-controller** User API

Models

List

swagger

Select a specEmployeeManagement-API

EmployeeManagement API

[ Base URL: localhost:8080 ]  
<https://github.com/8080/v2/api-docs/tree/master/EmployeeManagement-API>

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[EmployeeManagement License](#)

employee-controllerEmployee API

DELETE

/employees/deleteByIddeleteById

GET

/employees/findAllfindAll

Parameters

No parameters

Cancel

Execute

Clear

Responses

Response content type: \*/\*

Curl

curl -X GET "http://localhost:8080/employees/findAll" -H "accept: \*/\*"

Request URL

http://localhost:8080/employees/findAll

Server response

Code	Details
200	<div><div>Response body</div><div><pre>{   "id": 1,   "firstName": "Harshit",   "lastName": "Choudhary",   "email": "Harshit@greatlearning.in" }, {   "id": 2,   "firstName": "Ankit",   "lastName": "Garg",   "email": "Ankit@greatlearning.in" }, {   "id": 3,   "firstName": "Munika",   "lastName": "Sharma",   "email": "Munika@greatlearning.in" }, {   "id": 4,   "firstName": "Shayya",   "lastName": "Shetty",   "email": "Shayya@greatlearning.in" } </pre></div><div>Download</div></div> <div><div>Response headers</div><div>cache-control: no-cache, no-store, max-age=0, must-revalidate connection: keep-alive content-type: application/json date: Sat, 01 Jan 2022 01:53:07 GMT expires: 0 keep-alive: timeout=60 pragma: no-cache transfer-encoding: chunked vary: Origin, Access-Control-Request-Method, Access-Control-Request-Headers x-content-type-options: nosniff x-frame-options: DENY x-ssr-protection: 1; mode=block</div></div>

Responses

Code	Description
200	<div>OK</div> <div>Example Value   Model</div> <div><pre>{   "email": "string",   "firstName": "string",   "id": 0,   "lastName": "string" } </pre></div>

401	Unauthorized
403	Forbidden
404	Not Found

GET

/employees/findByFirstNameContainsAllIgnoreCasefindByFirstNameContainsAllIgnoreCase

GET

/employees/findByIdfindById

POST

/employees/savesave

GET

/employees/sortbyFirstNameDirectionsortByFirstNameDirection

PUT

/employees/updateByIdupdateById

role-controllerRole API

>

user-controllerUser API

>

Models

>

# Find by First Name

swagger

Select a specEmployeeManagement-API

## EmployeeManagement API <sup>1.0</sup>

[ Base URL: localhost:8080 / ]  
<https://localhost:8080/v2/api-docs?group=EmployeeManagement-API>

EmployeeManagement API for developers

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employee-controllerEmployee API

DELETE

/employees/deleteByIddeleteById

GET

/employees/findAllfindAll

GET

/employees/findByFirstNameContainsAllIgnoreCasefindByFirstNameContainsAllIgnoreCase

Parameters

Cancel

Name	Description
firstName <span>*</span> <small>required</small>	firstName
string <small>(query)</small>	harshit

Execute

Clear

Responses

Response content type \*/\*

Curl

curl -X GET "http://localhost:8080/employees/findByFirstNameContainsAllIgnoreCase?firstName=harshit" -H "accept: \*/\*"

Request URL

http://localhost:8080/employees/findByFirstNameContainsAllIgnoreCase?firstName=harshit

Server response

Code

Details

200

Response body

[{"id": 1, "firstName": "Harshit", "lastName": "Choudhary", "email": "harshit@greatlearning.in"}]

Download

Response headers

cache-control: no-cache, no-store, max-age=0, must-revalidate  
connection: keep-alive  
content-type: application/json  
date: Sat, 14 Jan 2022 01:54:47 GMT  
expires: 0  
keep-alive: timeout=60  
pragma: no-cache  
transfer-encoding: chunked  
vary: Origin, Access-Control-Request-Method, Access-Control-Request-Headers  
x-content-type-options: nosniff  
x-frame-options: DENY  
x-xss-protection: 1; mode=block

Responses

Code	Description
200	OK
	Example Value   Model
	[{"email": "string", "firstName": "string", "id": 0, "lastName": "string"}]
401	Unauthorized
403	Forbidden
404	Not Found

GET

/employees/findByIdfindById

POST

/employees/save save

GET

/employees/sortByFirstNameDirection sortByFirstNameDirection

PUT

/employees/updateByIdupdateById

role-controllerRole API

>

user-controllerUser API

>

Models

>

# Find by Id

swagger

Select a specEmployeeManagement-API

## EmployeeManagement API <sup>4.0</sup>

[ Base URL: localhost:8080/ ]  
<http://localhost:8080/v2/api-docs?group=EmployeeManagement-API>

EmployeeManagement API for developers

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employee-controllerEmployee API

DELETE

/employees/deleteByIddeleteById

GET

/employees/findAllfindAll

GET

/employees/findByFirstNameContainsAllIgnoreCasefindByFirstNameContainsAllIgnoreCase

GET

/employees/findByIdfindById

Parameters

Cancel

Name	Description
<b>employeeId</b> <sup>required</sup> integer (int32) (query)	employeeId <input type="text" value="1"/>

Execute

Clear

Responses

Response content type \*/\*

Curl

curl -X GET "http://localhost:8080/employees/findById?employeeId=1" -H "accept: \*/\*"

Request URL

http://localhost:8080/employees/findById?employeeId=1

Server response

Code

Details

200

Response body

Employee(id=1, firstName=Harshit, lastName=Choudhary, email=Harshit@greatlearning.in)

Download

Response headers

cache-control: no-cache, no-store, max-age=0, must-revalidate  
connection: keep-alive  
content-length: 85  
content-type: text/plain; charset=UTF-8  
date: Sat, 01 Jan 2022 01:56:26 GMT  
expires: 0  
keep-alive: timeout=60  
pragma: no-cache  
vary: Origin, Access-Control-Request-Method, Access-Control-Request-Headers  
x-content-type-options: nosniff  
x-frame-options: DENY  
x-xss-protection: 1; mode=block

Responses

Code	Description
200	<div>OK</div> <div>Example Value   Model</div> <div>"string"</div>
401	Unauthorized
403	Forbidden
404	Not Found

POST

/employees/save save

GET

/employees/sortByFirstNameDirection sortByFirstNameDirection

PUT

/employees/updateById updateById

role-controllerRole API

user-controllerUser API

Models

### Sort by First Name & Direction

<a href="#">swagger</a>	<a href="#">Swagger</a>
<h2>EmployeeManagement API <sup>🔗</sup></h2> <p> <a href="#">View API</a> <a href="#">Source</a> <a href="#">Feedback</a> </p> <p> <a href="#">View API</a> <a href="#">Source</a> <a href="#">Feedback</a> </p>	<h2>EmployeeManagement API <sup>🔗</sup></h2> <p> <a href="#">View API</a> <a href="#">Source</a> <a href="#">Feedback</a> </p> <p> <a href="#">View API</a> <a href="#">Source</a> <a href="#">Feedback</a> </p>
<p>EmployeeManagement API for developers</p> <p> <a href="#">View API</a> <a href="#">Source</a> <a href="#">Feedback</a> </p>	<p>EmployeeManagement API for developers</p> <p> <a href="#">View API</a> <a href="#">Source</a> <a href="#">Feedback</a> </p>
<p>employee-controller Employee API</p> <p> <a href="#">DELETE</a> /employees/deleteById {userId}         </p> <p> <a href="#">GET</a> /employees/findAll {mode}         </p> <p> <a href="#">GET</a> /employees/findAll?firstPageContainsAllIgnoreCase {firstPageContainsAllIgnoreCase}         </p> <p> <a href="#">GET</a> /employees/findAll?sortBy {sortBy}         </p> <p> <a href="#">POST</a> /employees/save {save}         </p> <p> <a href="#">GET</a> /employees/sortBy?firstPageContainsAllIgnoreCase {firstPageContainsAllIgnoreCase}         </p> <p>Parameters</p> <p>           Name: direction <sup>required</sup>            Description: direction            Type: string (enum)            Enum: ASC         </p> <p>Responses</p> <p>           Content-Type: application/json         </p> <p>           Request URL: http://localhost:8080/employees/controller/employees/deleteById/{userId}         </p> <p>           Server response:         </p> <p>           Code: 200            Description: Response body         </p> <pre> {   "id": 1,   "username": "admin",   "password": "123456",   "email": "admin@localhost.com",   "role": "ROLE_ADMIN",   "status": "ACTIVE",   "createdDate": "2023-01-01T00:00:00",   "lastModifiedDate": "2023-01-01T00:00:00" } </pre> <p>           Response headers:         </p> <pre> Content-Type: application/json Content-Length: 200 Server: Apache/2.4.18 (Ubuntu) Date: Mon, 01 Jan 2023 00:00:00 GMT Access-Control-Allow-Origin: * Access-Control-Allow-Methods: GET, POST, PUT, DELETE Access-Control-Allow-Headers: Content-Type, Authorization </pre> <p>           Responses:         </p> <p>           Code: 200            Description: OK         </p> <p>           Example Value:         </p> <pre> {   "id": 1,   "username": "admin",   "password": "123456",   "email": "admin@localhost.com",   "role": "ROLE_ADMIN",   "status": "ACTIVE",   "createdDate": "2023-01-01T00:00:00",   "lastModifiedDate": "2023-01-01T00:00:00" } </pre> <p>           Code: 401            Description: Unauthorized         </p> <p>           Code: 403            Description: Forbidden         </p> <p>           Code: 404            Description: Not Found         </p> <p> <a href="#">POST</a> /employees/updateById {userId}         </p>	<p>employee-controller Employee API</p> <p> <a href="#">DELETE</a> /employees/deleteById {userId}         </p> <p> <a href="#">GET</a> /employees/findAll {mode}         </p> <p> <a href="#">GET</a> /employees/findAll?firstPageContainsAllIgnoreCase {firstPageContainsAllIgnoreCase}         </p> <p> <a href="#">GET</a> /employees/findAll?sortBy {sortBy}         </p> <p> <a href="#">POST</a> /employees/save {save}         </p> <p> <a href="#">GET</a> /employees/sortBy?firstPageContainsAllIgnoreCase {firstPageContainsAllIgnoreCase}         </p> <p>Parameters</p> <p>           Name: direction <sup>required</sup>            Description: direction            Type: string (enum)            Enum: ASC         </p> <p>Responses</p> <p>           Content-Type: application/json         </p> <p>           Request URL: http://localhost:8080/employees/controller/employees/deleteById/{userId}         </p> <p>           Server response:         </p> <p>           Code: 200            Description: Response body         </p> <pre> {   "id": 1,   "username": "admin",   "password": "123456",   "email": "admin@localhost.com",   "role": "ROLE_ADMIN",   "status": "ACTIVE",   "createdDate": "2023-01-01T00:00:00",   "lastModifiedDate": "2023-01-01T00:00:00" } </pre> <p>           Response headers:         </p> <pre> Content-Type: application/json Content-Length: 200 Server: Apache/2.4.18 (Ubuntu) Date: Mon, 01 Jan 2023 00:00:00 GMT Access-Control-Allow-Origin: * Access-Control-Allow-Methods: GET, POST, PUT, DELETE Access-Control-Allow-Headers: Content-Type, Authorization </pre> <p>           Responses:         </p> <p>           Code: 200            Description: OK         </p> <p>           Example Value:         </p> <pre> {   "id": 1,   "username": "admin",   "password": "123456",   "email": "admin@localhost.com",   "role": "ROLE_ADMIN",   "status": "ACTIVE",   "createdDate": "2023-01-01T00:00:00",   "lastModifiedDate": "2023-01-01T00:00:00" } </pre> <p>           Code: 401            Description: Unauthorized         </p> <p>           Code: 403            Description: Forbidden         </p> <p>           Code: 404            Description: Not Found         </p> <p> <a href="#">POST</a> /employees/updateById {userId}         </p>
<p>role-controller Role API</p>	<p>role-controller Role API</p>
<p>user-controller User API</p>	<p>user-controller User API</p>
<p>Models</p>	<p>Models</p>

## Update by id

swagger

Select a spec

EmployeeManagement-API

## EmployeeManagement API <sup>0.0</sup>

[Base URL: /](#)
[Total: 8080 /](#)
[http://localhost:8080/swagger-ui/index.html?url=/EmployeeManagement-API](#)

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employee-controller

Employee API

DELETE

/employees/deleteById

deleteById

GET

/employees/findAll

findAll

GET

/employees/findByFirstNameContainsAllIgnoreCase

findByFirstNameContainsAllIgnoreCase

GET

/employees/findById

findById

POST

/employees/save

save

GET

/employees/sortByFirstNameDirection

sortByFirstNameDirection

PUT

/employees/updateById

updateById

Parameters

Cancel

Name	Description
<div>employee</div> <div>required</div> <div>(body)</div>	<div>employee</div> <div>Example Value   Model</div> <div> <pre>{   "email": "mcdgl.in",   "firstName": "mcdgl.in",   "id": 1,   "lastName": "mcdgl.in" }</pre> </div> <div>Cancel</div> <div>Parameter content type</div> <div>application/json</div>

Execute

Clear

Responses

Response content type

\*/

Curl

```
curl -X PUT "https://localhost:8080/employees/updateById" -H "accept: */*" -H "Content-Type: application/json" -d '{"email": "mcdgl.in", "firstName": "mcdgl.in", "id": 1, "lastName": "mcdgl.in"}'
```

Request URL

http://localhost:8080/employees/updateById

Server response

Code

Details

403

Error:

Response body

```
{
  "timestamp": "2022-01-01T02:00:00.000-0800",
  "status": 403,
  "error": "Forbidden",
  "message": "Forbidden",
  "path": "/employees/updateById"
}
```

Download

Response headers

```
Cache-Control: no-cache, no-store, max-age=0, must-revalidate
Connection: keep-alive
Content-Type: application/json
Date: Sat, 01 Jan 2022 02:00:00 GMT
Expires: 0
Keep-Alive: timeout=60
Pragma: no-cache
Transfer-Encoding: chunked
Vary: Origin, Access-Control-Request-Method, Access-Control-Request-Headers
X-Content-Type-Options: nosniff
X-Frame-Options: DENY
X-XSS-Protection: 1; mode=block
```

Responses

Code	Description
200	OK
	<div>Example Value   Model</div> <div>"str lang"</div>
201	Created
401	Unauthorized Login
403	Forbidden
404	Not Found

role-controller

Role API

user-controller

User API

Models

# Roles & Users

## Role

swagger

Select a specEmployeeManagement-API

EmployeeManagement API

[ Base URL: localhost:8080/ ]  
<http://localhost:8080/v2/api-docs?group=EmployeeManagement-API>

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employee-controllerEmployee API

role-controllerRole API

DELETE/roles/deleteByIddeleteById

GET/roles/findALLfindAll

GET/roles/findByIdfindById

POST/roles/save save

Parameters

Name	Description
name * required	name
string (query)	SUBUSER

Execute

Clear

Responses

Response content type \*/\*

Curl

curl -X POST "http://localhost:8080/roles/save?name=SUBUSER" -H "accept: \*/\*"

Request URL

http://localhost:8080/roles/save?name=SUBUSER

Server response

Code	Details
403	<div>Error: Response body {   "timestamp": "2022-01-01T02:01:00.405+00:00",   "status": 403,   "error": "Forbidden",   "message": "Forbidden",   "path": "/roles/save" }</div> <div>Download</div>

Response headers  
cache-control: no-cache, no-store, max-age=0, must-revalidate  
connection: keep-alive  
content-type: application/json  
date: Sat, 01 Jan 2022 02:01:00 GMT  
expires: 0  
keep-alive: timeout=60  
pragma: no-cache  
transfer-encoding: chunked  
vary: Origin, Access-Control-Request-Method, Access-Control-Request-Headers  
x-content-type-options: nosniff  
x-frame-options: DENY  
x-xss-protection: 1; mode=block

Responses

Code	Description
200	<div>OK</div> <div>Example Value   Model</div> <div>"string"</div>
201	<div>Created</div>
401	<div>Unauthorized</div>
403	<div>Forbidden</div>
404	<div>Not Found</div>

PUT/roles/updateByIdupdateById

user-controllerUser API

Models



# User

swagger

Select a specEmployeeManagement-API

## EmployeeManagement API

Base URL: <http://localhost:8080/>  
<https://github.com/8080/swagger-ui-examples/EmployeeManagement-API>

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employee-controllerEmployee API

role-controllerRole API

user-controllerUser API

DELETE

/users/deleteByIddeleteById

GET

/users/findAllfindAll

GET

/users/findByIdfindById

POST

/users/savesave

Parameters

Cancel

Name	Description
password	password
string (query)	anubhav
userRoles	userRoles
(body)	Example ValueModel
	{ "ADMIN" }
	Cancel
	Parameter content type
	application/json
username	username
string (query)	anubhav

ExecuteClear

Responses

Response content type \*/\*

Curl

curl -X POST "http://localhost:8080/users/save?password=anubhav&username=anubhav" -H "accept: \*/\*" -H "Content-Type: application/json" -d '{"ADMIN":1}'

Request URL

http://localhost:8080/users/save?password=anubhav&username=anubhav

Server response

Code	Details
403	Error: Response body { "timestamp": "2022-01-01T02:03:18.581+00:00", "status": 403, "error": "Forbidden", "message": "Forbidden", "path": "/users/save" } Response headers cache-control: no-cache, no-store, max-age=0, must-revalidate connection: keep-alive content-type: application/json date: Sat, 01 Jan 2022 02:03:18 GMT expires: 0 keep-alive: timeout=60 pragma: no-cache transfer-encoding: chunked vary: Origin, Access-Control-Request-Method, Access-Control-Request-Headers x-content-type-options: nosniff x-frame-options: DENY x-mx-protection: 31 mode=block

Download

Responses

Code	Description
200	OK
	Example ValueModel
	"string"
201	Created
401	Unauthorized
403	Forbidden
404	Not Found

POST

/users/updateByIdupdateById

Models