Project Screen Shots

(Graded Coding Assignment 6)

Employee Management Rest API based Web application performs CRUD functionality with security.

| About the project: | | |
|-------------------------------|--------------------------------|--|
| Project Type: | Rest API based Web application | |
| Application Default Username: | Admin | |
| Default User Role: | ADMIN | |
| Default User Password: | 123456 | |
| RDBMS used: | H2 | |
| H2-Console Username: | admin | |
| H2-Console Password: | | |
| Application default port: | 8080 | |

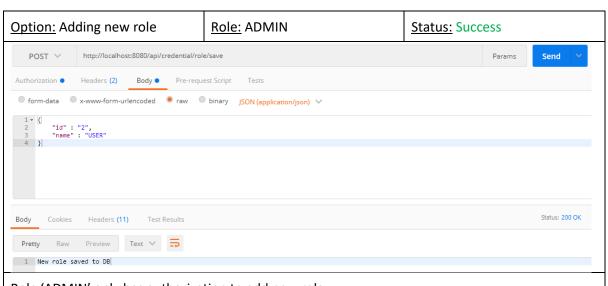
Screen recording:

https://drive.google.com/file/d/1e4b-kdgpNvjS8cWuPYSgcb8ION4rtjoB/view?usp=sharing

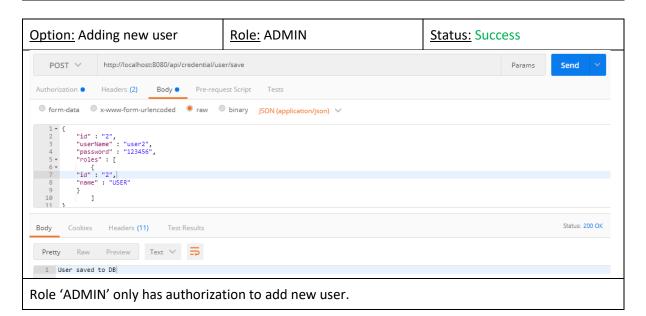
| Authorizations Table | | |
|------------------------|---|--|
| Role: ADMIN | Role: USER | |
| Credential Management: | Credential Management: - Nil Employee Management: - Get employee by id - List all employees - List employees by first name - List employees by sorted on first name – ASC & DESC | |

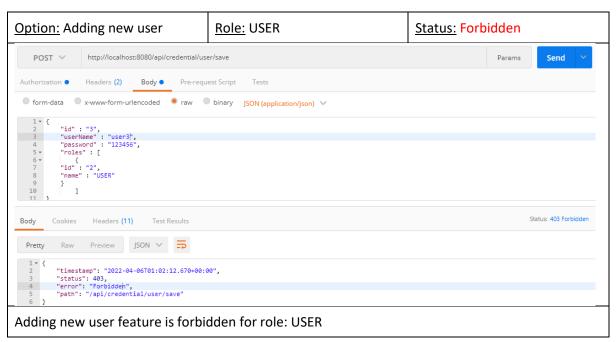
Screen Shots:

Adding new Role

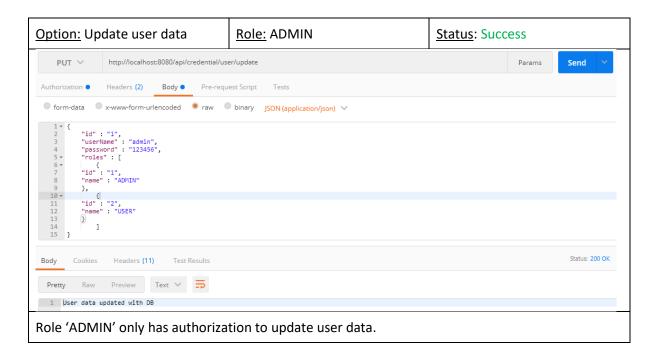


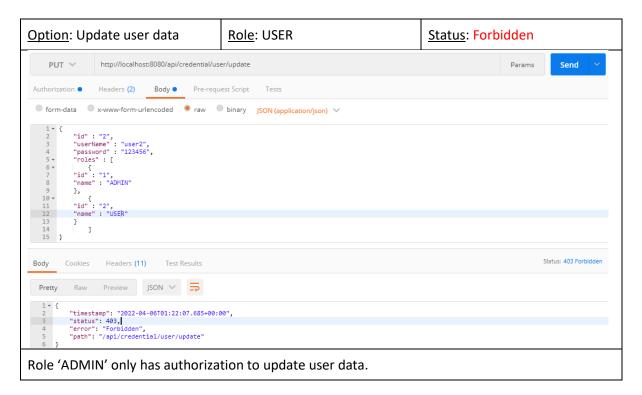
Adding new User



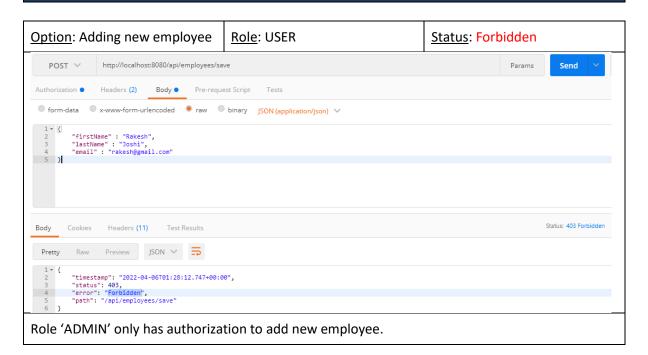


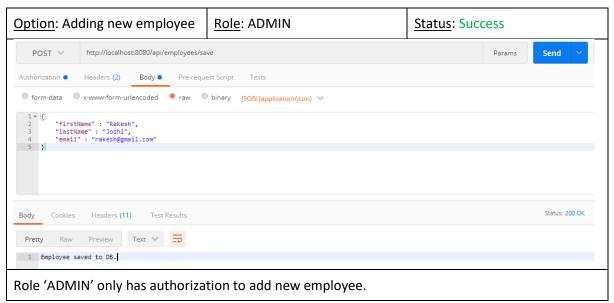
Update user data



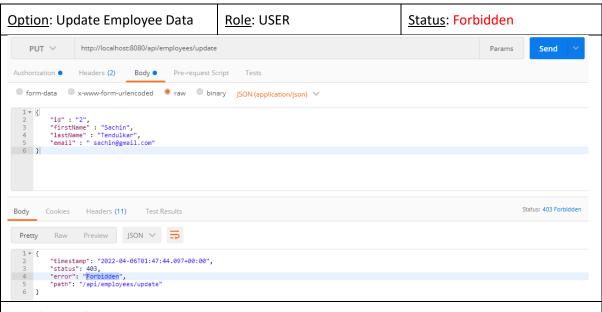


Adding new Employee

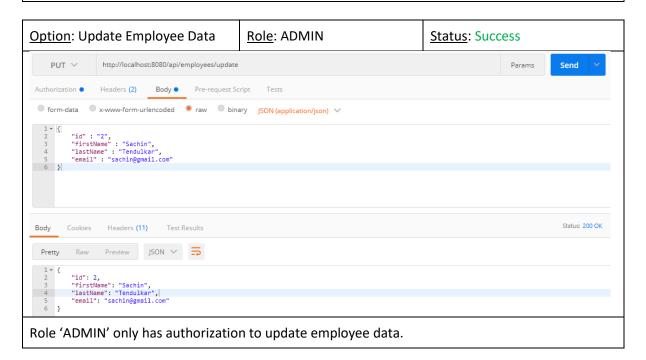




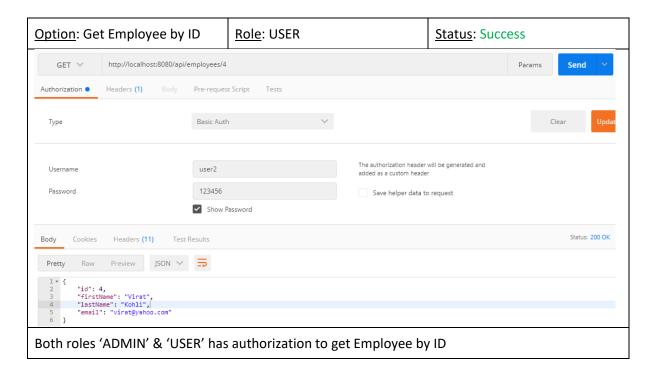
Update Employee Data



Role 'ADMIN' only has authorization to update employee data.



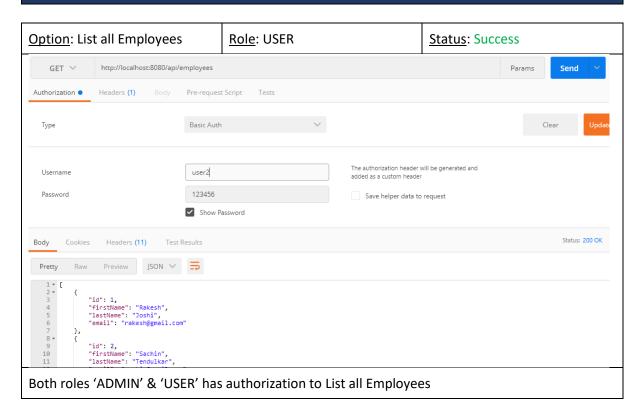
Get Employee by ID

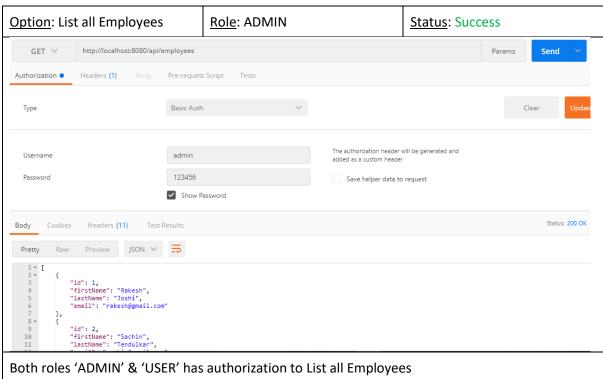


Option: Get Employee by ID Role: ADMIN **Status: Success** GET V http://localhost:8080/api/employees/5 Send Authorization • Headers (1) Body Pre-request Script Tests Basic Auth Туре The authorization header will be generated and added as a custom header admin Username 123456 Password Save helper data to request ✓ Show Password Status: 200 OK Body Cookies Headers (11) Test Results Pretty Raw Preview JSON ✓ 👼 "id": 5,
"firstName": "Mahendra Singh",
"lastName": "Dhoni",
"email": "dhoni@gmail.com"

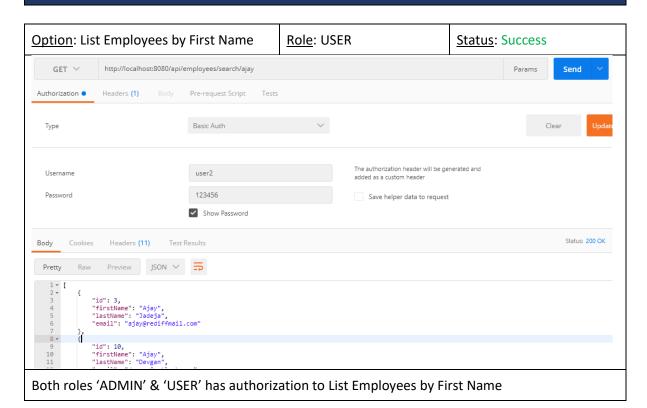
Both roles 'ADMIN' & 'USER' has authorization to get Employee by ID

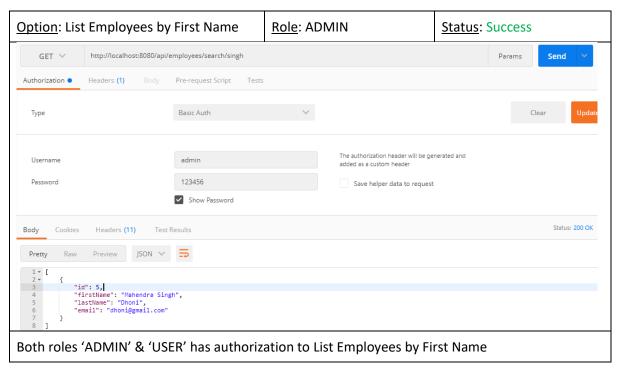
Listing all the Employees



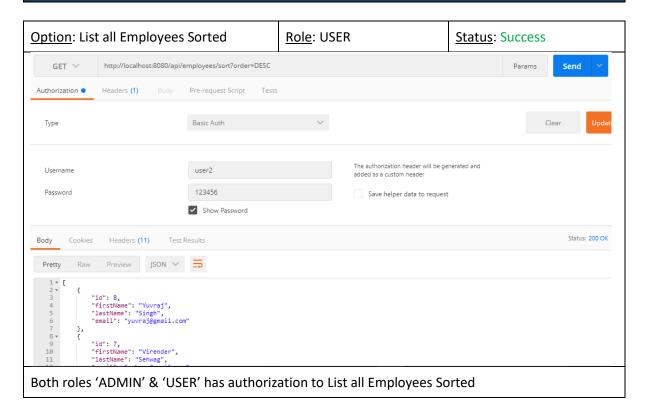


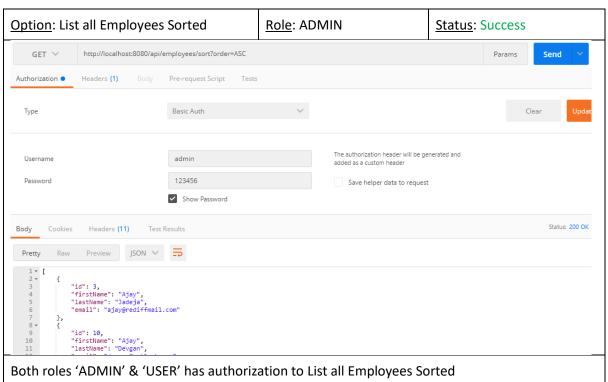
List all Employees by First Name



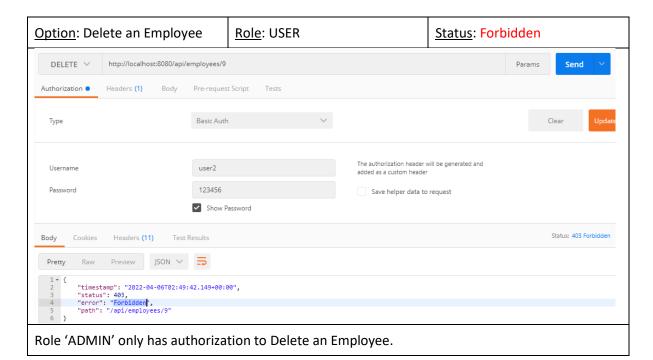


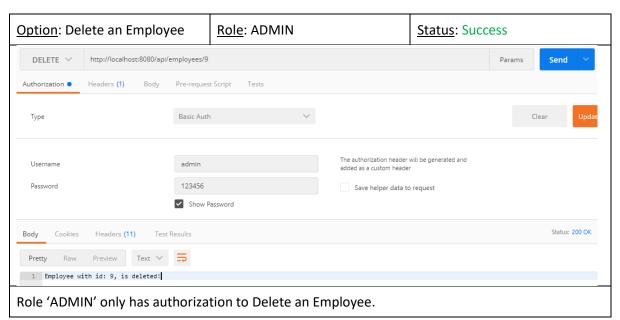
List all Employees Sorted - ASC & DESC





Delete an Employee





Thank you.