# **EMPLOYEE MANAGEMENT**

**GitHub URL**: <https://github.com/sharmi9107/EmployeeManagement>

**Required**: Postman or Advanced REST client chrome extension or likewise (no JSP present)

**Test Data Entry**: The application is using a ‘data.sql’ file to insert basic set of test data into H2 database. File can be found in <https://github.com/sharmi9107/EmployeeManagement/tree/master/src/main/resurces>

Run the ‘Application.java’ present under ‘com.management’ package to start the application.

**Database URL**: <http://localhost:8080/h2-console> **JDBC URL**: jdbc:h2:mem:testdb

**User Name**: sa **Password**:

**Tables**:

EMPLOYEE

|  |  |  |
| --- | --- | --- |
| [EMPLOYEE\_ID](http://localhost:8080/h2-console/query.do?jsessionid=8e6ef514f0cb6393536f346379a901cb) | [EMPLOYEE\_NAME](http://localhost:8080/h2-console/query.do?jsessionid=8e6ef514f0cb6393536f346379a901cb) | [DEPARTMENT\_ID](http://localhost:8080/h2-console/query.do?jsessionid=8e6ef514f0cb6393536f346379a901cb) |
| 1 | Tom | 1 |

DEPARTMENT

|  |  |
| --- | --- |
| [DEPARTMENT\_ID](http://localhost:8080/h2-console/query.do?jsessionid=8e6ef514f0cb6393536f346379a901cb) | [DEPARTMENT\_NAME](http://localhost:8080/h2-console/query.do?jsessionid=8e6ef514f0cb6393536f346379a901cb) |
| 1 | Cartoons |

**REST URLs**:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Method | Request URL | Method Description | Expected JSON body | Expected Response |
| GET | /listEmployees | Fetch all employees | None | List of all employees in JSON format |
| GET | /fetchEmployee?id= | Fetch employee for an employee\_id | None | Details of 1 employee in JSON format |
| POST | /editEmployee | Edit employee for an employee object | {  "empId": 4,  "empName": "Dr. Strange",  "department\_id": {  "depId": 2,  "depName": "Sci Fi"  }  } | Updated employee object in JSON format |
| POST | /addEmployee | Add an employee | {  "empId": 6,  "empName": "Gamora",  "department\_id": {  "depId": 2,  "depName": "Sci Fi"  }  } | Addition successful OR Addition unsuccessful |
| GET | /deleteEmployee?id= | Delete an employee for an employee\_id | None | Deletion successful OR Deletion unsuccessful |
| GET | /listDepartments | Fetch all departments | None | List of all departments in JSON format |
| GET | /fetchDepartment?id= | Fetch department for a department\_id | None | Details of 1 department in JSON format |
| POST | /editDepartment | Edit department for a department object | {  "depId": 1,  "depName": "Cartoons and Cartoons"  } | Updated department object in JSON format |
| POST | /addDepartment | Add a department | {  "depId": 3,  "depName": "IT"  } | Addition successful OR Addition unsuccessful |
| GET | /deleteDepartment?id= | Delete a department for a department\_id | None | Deletion successful OR Deletion unsuccessful |