**RBS Employee Portal  
API Specification**

**Document Number<1.0 >**

**July 2019**

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| **Release: <1.0 >** | **Document Status:<Draft>** |
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# Introduction

The following document is the API documentation. This document is for Employee Portal which provide list of Employee. List will show Employee name, salary and hiring date.

# TEchnology USED

Below technologies are used in Employee Portal:

* Spring Boot
* Spring Rest
* Angular/HTML
* Java
* H2 (In memory database)

# USE CASES

There are 2 URL used in this portal:

1. localhost:8080/index

This URL returns a html file which having a table.

1. While loading above html file, a REST request made to application which returns list of ‘Employee’ JSON.  
   URL of REST request is   
   localhost:8080/employees  
   This is GET method.

This URL handeled by Controller and this Controller method load H2 database and create list of ‘Employee’ JSON.

# SAMPLE JSON RESPONSE

URL localhost:8080/employees returns list of ‘Employee’ JSON.

Sample response is as follows :

{

"id":102,

"salary":7000,

"hire\_date":"2011-10-15T18:30:00.000+0000",

"name":"Pankaj",

"department":"IT",

"design":"Technical Lead"

}

# Database used

H2 is used in this application which is an In-memory database.

data.sql is sql file which having select statement which is as follows :

insert into employee (id,salary,hire\_date,name,department,design)

values(102,7000,parsedatetime('16-10-2011', 'dd-MM-yyyy'),'Pankaj', 'IT','Technical Lead');

data.sql is placed in src\main\resources

1. H2 configuration related thing are done in application.properties which is place in src\main\resources

# Enabling H2 Console

spring.h2.console.enabled=true

spring.datasource.url=jdbc:h2:mem:testdb;DB\_CLOSE\_DELAY=-1;DB\_CLOSE\_ON\_EXIT=FALSE

spring.datasource.driverClassName=org.h2.Driver

spring.datasource.username=sa

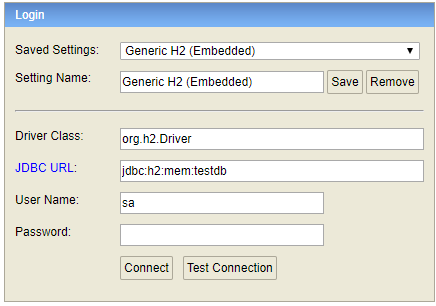
spring.datasource.password=

spring.jpa.show-sql = true

spring.jpa.database-platform=org.hibernate.dialect.H2Dialect

1. When application is up then DB connection be checked by below URL :

**http://localhost:8080/h2-console**

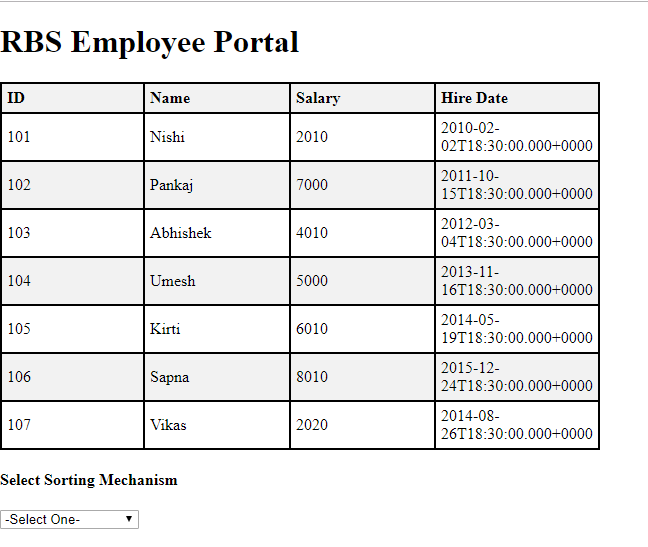


# Event Models

This Portal have drop down list through which is used for Sorting of table data. Below options are used for sorting-

* Sort By Name
* Sort By Salary
* Sort By Hiring Date

# Sample Page



## Release History