Contents

[Step1: set up a working server & sql 1](#_Toc95511381)

[Step2: set up package structure 1](#_Toc95511382)

[Step3: set up db to server connection 2](#_Toc95511383)

[Step4: Create Employee JPA Entity & verify that hibernate auto creates the **employee** table in MySQL 3](#_Toc95511384)

[Step5: Create EmployeeRepository Interface & Resource Not Found 4](#_Toc95511385)

[Step5: Create & Test REST API Service [Save Employee] 5](#_Toc95511386)

[Step6: Create & Test REST API Service [Get All Employees] 8](#_Toc95511387)

[Step7: Create & Test REST API Service [Get Employee By Id] 11](#_Toc95511388)

[Step8: Create & Test REST API Service [Update Employee] 13](#_Toc95511389)



# Step1: set up a working server & sql



# 

# Step2: set up package structure

Graphical user interface, text, application, email

Description automatically generated

# Step3: set up db to server connection

Graphical user interface, text, application, email

Description automatically generated

# Step4: Create Employee JPA Entity & verify that hibernate auto creates the **employee** table in MySQL

Application

Description automatically generated with medium confidence

A screenshot of a computer

Description automatically generated

Graphical user interface, application, Word

Description automatically generated

Graphical user interface, application

Description automatically generated

# Step5: Create EmployeeRepository Interface & Resource Not Found

Text, timeline

Description automatically generated with medium confidence

Text

Description automatically generated

# Step5: Create & Test REST API Service [Save Employee]

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

id = autogenerated pk

Graphical user interface

Description automatically generated

# Step6: Create & Test REST API Service [Get All Employees]

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, email

Description automatically generated

# Step7: Create & Test REST API Service [Get Employee By Id]

A picture containing text

Description automatically generated

Text

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application

Description automatically generated Graphical user interface, application

Description automatically generated

# Step8: Create & Test REST API Service [Update Employee By Id]

Text

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application

Description automatically generated

# Step9: Create & Test REST API Service [Delete Employee By Id]

Text

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, application

Description automatically generated