Practice project

Displaying User Feedback

Code:

pom.xml

<?xml version="1.0" encoding="UTF-8"?>

<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 https://maven.apache.org/xsd/maven-4.0.0.xsd">

<modelVersion>4.0.0</modelVersion>

<parent>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-parent</artifactId>

<version>2.6.3</version>

<relativePath/> <!-- lookup parent from repository -->

</parent>

<groupId>com.project</groupId>

<artifactId>Phase3Project2</artifactId>

<version>0.0.1-SNAPSHOT</version>

<name>Phase3Project2</name>

<description>Demo project for Spring Boot</description>

<properties>

<java.version>11</java.version>

</properties>

<dependencies>

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-data-jpa</artifactId>

</dependency>

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-jdbc</artifactId>

</dependency>

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-web</artifactId>

</dependency>

<dependency>

<groupId>org.apache.tomcat.embed</groupId>

<artifactId>tomcat-embed-jasper</artifactId>

</dependency>

<dependency>

<groupId>mysql</groupId>

<artifactId>mysql-connector-java</artifactId>

<scope>runtime</scope>

</dependency>

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-devtools</artifactId>

<scope>runtime</scope>

<optional>true</optional>

</dependency>

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-test</artifactId>

<scope>test</scope>

<exclusions>

<exclusion>

<groupId>org.junit.vintage</groupId>

<artifactId>junit-vintage-engine</artifactId>

</exclusion>

</exclusions>

</dependency>

</dependencies>

<build>

<plugins>

<plugin>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-maven-plugin</artifactId>

</plugin>

</plugins>

</build>

</project>

Feedback.java

**package** com.entity;

**import** javax.persistence.Entity;

**import** javax.persistence.GeneratedValue;

**import** javax.persistence.Id;

**import** javax.persistence.Table;

@Entity @Table(name="feedback")

**public** **class** Feedback {

@Override

**public** String toString() {

**return** "Feedback [id=" + id + ", firstname=" + firstname + ", lastname=" + lastname + ", email=" + email

+ ", feedback1=" + feedback1 + "]";

}

@Id @GeneratedValue

**private** **int** id;

**private** String firstname;

**private** String lastname;

**private** String email;

**private** String feedback1;

**public** Feedback() {

**super**();

// **TODO** Auto-generated constructor stub

}

**public** Feedback(String firstname, String lastname, String email ,String feedback1) {

**super**();

**this**.firstname = firstname;

**this**.lastname = lastname;

**this**.email= email;

**this**.feedback1 = feedback1;

}

}

MyRepo.java

**package** com.dao;

**import** org.springframework.data.repository.CrudRepository;

**import** org.springframework.stereotype.Repository;

**import** com.entity.Feedback;

@Repository

**public** **interface** MyRepo **extends** CrudRepository<Feedback, Integer> {

}

AppService.java

**package** com.service;

**import** org.springframework.beans.factory.annotation.Autowired;

**import** org.springframework.stereotype.Service;

**import** com.dao.MyRepo;

**import** com.entity.Feedback;

@Service

**public** **class** AppService {

@Autowired

**private** MyRepo myRepo;

**public** **boolean** addFeedback( Feedback f) {

myRepo.save(f);

**return** **true**;

}

}

FeedbackController.java

**package** com.controller;

**import** org.springframework.beans.factory.annotation.Autowired;

**import** org.springframework.stereotype.Controller;

**import** org.springframework.web.bind.annotation.GetMapping;

**import** com.service.AppService;

@Controller

**public** **class** FeedbackController {

@Autowired

**private** AppService appService;

@GetMapping("/feedback")

**public** String feedback() {

**return** "feedback";

}

}

MyRestApp.java

**package** com.controller;

**import** org.springframework.beans.factory.annotation.Autowired;

**import** org.springframework.web.bind.annotation.PostMapping;

**import** org.springframework.web.bind.annotation.RequestParam;

**import** org.springframework.web.bind.annotation.RestController;

**import** com.entity.Feedback;

**import** com.service.AppService;

@RestController

**public** **class** MyRestApp {

@Autowired

**private** AppService service;

@PostMapping("/feedback")

**public** String userRegister(@RequestParam("firstname") String firstname, @RequestParam("lastname") String lastname, @RequestParam("email") String email , @RequestParam("feedback1") String feedback1) {

Feedback f = **new** Feedback(firstname, lastname, email,feedback1);

**boolean** data= service.addFeedback(f);

**if**(data) {

**return** "Feedback added succesfully!";

}

**else** {

**return** "Unable to add the feedback";

}

}

}

application.properties

spring.mvc.view.prefix=/WEB-INF/pages/

spring.mvc.view.suffix=.jsp

spring.datasource.url=jdbc:mysql://localhost:3306/Work

spring.datasource.username=Work

spring.datasource.password=Simplilearn@123

spring.jpa.hibernate.ddl-auto=create

spring.jpa.show-sql=true

spring.jpa.properties.hibernate.dialect = org.hibernate.dialect.MySQL5Dialect

spring.jpa.properties.hibernate.id.new\_generator\_mappings = false

spring.jpa.properties.hibernate.format\_sql = true

feedback.jsp

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<div class=*"container"*>

<form method=*"post"* action=*"/feedback"*>

<label for=*"firstname"*>First Name</label>

<input type=*"text"* id=*"firstname"* name=*"firstname"* placeholder=*"Your first name"* required>

<br>

<label for=*"lastname"*>Last Name</label>

<input type=*"text"* id=*"lastname"* name=*"lastname"* placeholder=*"Your last name"* required>

<br>

<label for=*"email"*>Email Id</label>

<input type=*"email"* id=*"email"* name=*"email"* placeholder=*"Your Email Address"* required>

<br>

<label for=*"feedback1"*>Feedback</label>

<textarea id=*"feedback1"* name=*"feedback1"* placeholder=*"Write your feedback here..."* style="height:*200px*" required></textarea>

<br>

<input type=*"submit"* value=*"Submit"*>

</form>

</div>

</body>

</html>