Source Code Displaying UserFeedback

**//UserfeedbackApplication**

package com.example.UserFeedback;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication

public class UserfeedbackApplication {

public static void main(String[] args) {

SpringApplication.run(UserfeedbackApplication.class, args);

}

}

**// FeedbackController**

package com.example.UserFeedback.controllers;

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

import org.springframework.ui.ModelMap;

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

import org.springframework.web.bind.annotation.PathVariable;

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

import org.springframework.web.bind.annotation.ResponseBody;

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

import com.example.UserFeedback.entities.Feedback;

import com.example.UserFeedback.repositories.FeedbackRepository;

import com.example.UserFeedback.services.FeedbackService;

@RestController

public class FeedbackController {

@Autowired

FeedbackService feedbackService;

@Autowired

FeedbackRepository feedbackRepository;

@GetMapping(value="/")

public String showIndexPage(ModelMap model){

return "<html>\n"

+ "<head>\n"

+ " <style>\n"

+ " .center {\n"

+ " text-align: center;\n"

+ " }\n"

+ " \n"

+ " </style>\n"

+ "</head>\n"

+ "<body style=\"background-color:lightblue;\">\n"

+ " <div class=\"center\">\n"

+ " <h1>User Feedback Page</h1>\n"

+ " \n"

+ " <h2 class=\"hello-title\">View and Send User Feedback</h2>\n"

+ " \n"

+ " <a href=\"/feedback\">View all feedback</a>\n"

+ " <br><br>\n"

+ " <form method=\"get\" action=\"update\">\n"

+ " <br><h3>Enter your feedback below:</h3>\n"

+ " <input type=\"text\" id=\"comment\" name=\"comment\" placeholder=\"Comment Here\" required>\n"

+ " <input type=\"number\" id=\"rating\" name=\"rating\" placeholder=\"Rating Here\" required>\n"

+ " <input type=\"text\" id=\"name\" name=\"name\" placeholder=\"Name Here\" required> \n"

+ " <input type=\"submit\" value=\"Enter\" />\n"

+ " </form>"

+ " </div>\n"

+ "</body>\n"

+ "</html>";

}

@GetMapping("/feedback")

public @ResponseBody String getAllFeedbacks() {

// This returns a JSON or XML with the Feedbacks

Iterable<Feedback> allFB = feedbackRepository.findAll();

return "<html>\n"

+ "<head>\n"

+ " <style>\n"

+ " .center {\n"

+ " text-align: center;\n"

+ " }\n"

+ " \n"

+ " </style>\n"

+ "</head>\n"

+ "<body style=\"background-color:lightblue;\">\n"

+ " <div class=\"center\">\n"

+ "<h1>Feedback Table</h1>\n"

+ allFB.toString()

+ " </div>\n"

+ "</body>\n"

+ "</html>";

}}

**// RestUpdateController**

package com.example.UserFeedback.controllers;

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

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

import org.springframework.web.bind.annotation.RequestMapping;

import org.springframework.web.bind.annotation.RequestMethod;

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

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

import com.example.UserFeedback.entities.Feedback;

import com.example.UserFeedback.repositories.FeedbackRepository;

import com.example.UserFeedback.services.FeedbackService;

@RestController

public class RestUpdateController {

@Autowired

FeedbackService feedbackService;

@Autowired

FeedbackRepository feedbackRepository;

@GetMapping("/update")

public String getEmployeeByName(@RequestParam("comment") String

comment, @RequestParam("rating") int rating, @RequestParam("name") String

name) {

Feedback f = new Feedback(count()+1, comment, rating, name);

feedbackRepository.save(f);

return "<html>\n"

+ "<head>\n"

+ " <style>\n"

+ " .center {\n"

+ " text-align: center;\n"

+ " }\n"

+ " \n"

+ " </style>\n"

+ "</head>\n"

+ "<body style=\"background-color:lightblue;\">\n"

+ " <div class=\"center\">\n"

+ " <h1>User Feedback Page</h1>\n"

+ " \n"

+ " <h2 class=\"hello-title\">Successfully Added Your Feedback</h2>\n"

+ " \n"

+ " <a href=\"/feedback\">Click here to view all feedback</a>\n"

+ " </div>\n"

+ "</body>\n"

+ "</html>";

}

public Integer count() {

int i = 1;

while(feedbackRepository.existsById(i))

i++;

return i;

}

}

**//FeedbackRepository**

package com.example.UserFeedback.repositories;

import org.springframework.data.repository.CrudRepository;

import com.example.UserFeedback.entities.Feedback;

public interface FeedbackRepository extends CrudRepository<Feedback,Integer>{

}

**// Feedback.java**

package com.example.UserFeedback.entities;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Id;

import lombok.Data;

@Entity

@Data

public class Feedback {

@Id

@GeneratedValue(strategy=GenerationType.AUTO)

private Integer id;

private String comments;

private int rating;

private String user;

public Feedback()

{

}

public Feedback(Integer id, String comments, int rating, String user)

{

this.id = id;

this.comments = comments;

this.rating = rating;

this.user = user;

}

@Override

public String toString()

{

return "<br><h3>" + user + " [" + id + "]" + " commented:</h3><h4>\"" + comments + "\" and rated: " + rating +

"</h4><br>";

}

}

**// FeedbackService**

package com.example.UserFeedback.services;

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

import org.springframework.stereotype.Service;

import com.example.UserFeedback.entities.Feedback;

import com.example.UserFeedback.repositories.\*;

@Service

public class FeedbackService {

@Autowired

private FeedbackRepository feedbackRepository;

public Iterable<Feedback> GetAllFeedback() {

return feedbackRepository.findAll();

}

}

**//Index.jsp**

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

pageEncoding="ISO-8859-1"%>

<!DOCTYPE html>

<html>

<head>

<style>

.center {

text-align: center;

}

</style>

</head>

<body style="background-color:lightblue;">

<div class="center">

<h1>User Manager</h1>

<h2 class="hello-title">Search for a User and Update

Information</h2>

<a href="/feedback">View all feedback</a>

<br><br>

<form method="post" action="update">

Enter an id from the user table: <input type="text"

id="id" name="id" placeholder="Type here" required><input type="submit"

value="Enter" />

</form>

</div>

</body>

</html>

**//application.properties**

pring.jpa.hibernate.ddl-auto=update

spring.datasource.url=jdbc:mysql://${MYSQL\_HOST:127.0.0.1}:3306/userfeedback

spring.datasource.username=root

spring.datasource.password=@Classicaldancer23

spring.mvc.view.prefix=/webapp/jsppp/jsp/

spring.mvc.view.suffix=.jsp

server.port=8081

**//Sql Code**

create database userfeedback;

use userfeedback;

CREATE TABLE `feedbacks` (

`id` int NOT NULL AUTO\_INCREMENT,

`comments` varchar(255) DEFAULT NULL,

`rating` int NOT NULL,

`user` varchar(255) DEFAULT NULL,

PRIMARY KEY (`id`)

) ENGINE=InnoDB AUTO\_INCREMENT=4 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci ;

insert into feedbacks (comments, rating, user) VALUES ("Awesome", 10, "tina");

insert into feedbacks (comments, rating, user) VALUES ("Awesome 2", 10, "sam");

insert into feedbacks (comments, rating, user) VALUES ("Awesome 3", 10, "kong");

GRANT ALL PRIVILEGES ON feedbacks.\* TO 'root'@'localhost';

select \* from feedbacks;