//UserFeedbackApplication.java:

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.java:

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"

+ " a {\n"

+ " text-decoration: None;\n"

+ " color:black;\n"

+ " }\n"

+ " #comment, #rating, #name {\n"

+ " padding: 16px;\n"

+ " margin:4px;\n"

+ " border-radius:4px;\n"

+ " }\n"

+ " \n"

+ " </style>\n"

+ "</head>\n"

+ "<body>\n"

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

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

+ " \n"

+ " \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=\"Enter Comment Here...\" required>\n"

+ " <input type=\"number\" id=\"rating\"

name=\"rating\" placeholder=\"Enter Rating Here...\" required>\n"

+ " <input type=\"text\" id=\"name\"

name=\"name\" placeholder=\"Enter UserName Here...\" required> <br><br> \n"

+ " <input type=\"submit\" value=\"Submit\"

/> &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; \n"

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

feedback</a></button>\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"

+ " align-items: center;\n"

+ " }\n"

+ " \n"

+ " </style>\n"

+ "</head>\n"

+ "<body >\n"

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

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

// + "<table

border='1'>"+"<tr><th>"+"UserName"+"</th>"+"<tr><th>"+"Id"+"</th>"+"<tr><th>"+"Co

mments"+"</th>"+"<tr><th>"+"Rating"+"</th></tr>"

+ allFB.toString()

+ " </div>\n"

+ "</body>\n"

+ "</html>";

}

}

//RestUpdateController.java:

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>\n"

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

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

+ " \n"

+ " <h2 class=\"hello-title\">Successfully Added

Your Feedback</h2>\n"

+ " \n"

+ " <button><a href=\"/feedback\">Click here to

view all feedback</a></button>\n"

+ " </div>\n"

+ "</body>\n"

+ "</html>";

}

public Integer count() {

int i = 1;

while(feedbackRepository.existsById(i))

i++;

return i;

}

}

//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>";

return( "<table border='2' style='margin-left: auto;\n" +

" margin-right: auto;width:50%;'>"

+"<tr>"

+"<th> UserName </th>"

+"<th> Id </th>"

+"<th> Comments </th>"

+"<th> Rating </th>"

+"</tr>"

+"<td>"+user+"</td>"

+"<td>"+id+"</td>"

+"<td>"+comments+ "</td>"

+"<td> "+rating+" </td>"

+"</tr>"

+"</table>");

}

}

//FeedbackRepository.java:

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();

}

}

//FeedbackService.java:

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();

}

}

application.properties:

spring.jpa.hibernate.ddl-auto=update

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

spring.datasource.username=root

spring.datasource.password=Root

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

spring.mvc.view.suffix=.jsp

server.port=8080

//UserFeedbackApplicationTests.java:

package com.example.UserFeedback;

import org.junit.jupiter.api.Test;

import org.springframework.boot.test.context.SpringBootTest;

@SpringBootTest

class UserFeedbackApplicationTests {

@Test

void contextLoads() {

}

}

//index.jsp:

<html>

<head>

<style>

.center {

text-align: center;

align-items:center;

}

a{

text-decoration:None;

color:black;

}

</style>

</head>

<body>

<div class="center">

<h1>User Feedback</h1>

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

<br><br>

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

Enter id: <input type="text" id="id" name="id" placeholder="Type

here" required>

<br>

<br>

<input type="submit" value="Enter" />

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

</form>

</div>

</body>

</html>