**com.example.UserFeedback**

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);

}

}

**Controller**

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.PostMapping;

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

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.services.FeedbackService;

@RestController

public class FeedbackController {

@Autowired

FeedbackService feedbackService;

@GetMapping(value = "/feedb", produces = "application/json")

public @ResponseBody Iterable<Feedback> getAllFeedbacks() {

// This returns a JSON or XML with the Feedbacks

return feedbackService.GetAllFeedback();

}

@PostMapping(value = "/feedb", consumes ={"application/json", "application/x-www-form-urlencoded"})

//@RequestBody Feedback newFeedback

public String addNewFeedback(@RequestParam(value="user") String userName,

@RequestParam(value="rating") int userRating, @RequestParam(value="comment") String userComment) {

// TODO: Do something useful here.

// Add the Feedback.

//System.out.print("executing add " + newFeedback);

//return feedbackService.addFeedback(newFeedback);

if (!userName.isEmpty() && !userComment.isEmpty()) {

Feedback fb = new Feedback();

fb.setComments(userComment);

fb.setRating(userRating);

fb.setUser(userName);

feedbackService.addFeedback(fb);

return "finished";

}

else return "error";

//return new Feedback(); // Change this.

}

}

package com.example.UserFeedback.controllers;

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

import org.springframework.stereotype.Controller;

import org.springframework.ui.ModelMap;

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

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

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

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

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

import com.example.UserFeedback.entities.Feedback;

import com.example.UserFeedback.services.FeedbackService;

@Controller

public class TestFormController {

@Autowired

FeedbackService fbs;

@GetMapping(value="/testform")

public Iterable<Feedback> showTestForm(ModelMap model) {

//TODO: Create a JSP called "testformjsp.jsp"

return fbs.GetAllFeedback();

}

/\*

@PostMapping("/testform")

//@RequestParam(value="user") String userName,

//@RequestParam(value="rating") int userRating, @RequestParam(value="comment") String userComment

//ModelMap model,

public Feedback submitTestForm( @RequestBody Feedback fb) {

return fbs.addFeedback(fb);

// TODO: implement form submission

// TODO: add View JSP

// TODO: Call RestTemplate and make POST json request to localhost:8090/feedback

}

\*/

}

**package com.example.UserFeedback.entities;**

package com.example.UserFeedback.entities;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Id;

import javax.persistence.Table;

import lombok.Data;

@Entity

@Table(name = "feedback")

//@Data

public class Feedback {

@Id

@GeneratedValue(strategy=GenerationType.IDENTITY)

private Integer id;

private String comments;

private int rating;

private String user;

public void setComments(String comment) {

this.comments = comment;

}

public void setRating(int rating) {

this.rating = rating;

}

public void setUser(String user) {

this.user = user;

}

public Integer getId() {

return id;

}

public void setId(Integer id) {

this.id = id;

}

public String getComments() {

return comments;

}

public int getRating() {

return rating;

}

public String getUser() {

return user;

}

@Override

public String toString() {

return "Feedback [id=" + id + ", comments=" + comments + ", rating=" + rating + ", user=" + user + "]";

}

}

**.UserFeedback.repositories**

package com.example.UserFeedback.repositories;

import org.springframework.data.repository.CrudRepository;

import org.springframework.stereotype.Repository;

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

@Repository

public interface FeedbackRepository extends CrudRepository<Feedback, Integer>{

}

**UserFeedback.services**

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();

}

public Feedback addFeedback(Feedback add) {

return feedbackRepository.save(add);

}

}

**Application.properties**

spring.jpa.hibernate.ddl-auto=update

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

spring.datasource.username=root

spring.datasource.password=Ashish@7

logging.level.org.springframework.web: DEBUG

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

spring.mvc.view.suffix=.jsp

server.port=8111