

Displaying User Feedback project source code

Feedback Controller.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"
```

```
    + "    \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>";  
    }  
  
}
```

RestUpdate Controller.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 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;
}
}
```

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>";

```

```
    }  
}
```

Feedback Repository.java

```
package com.example.UserFeedback.repositories; import  
org.springframework.data.repository.CrudRepository; import  
com.example.UserFeedback.entities.*; public interface FeedbackRepository  
extends CrudRepository<Feedback, Integer>{  
}
```

Feedback Services.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();  
    }  
}
```

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);
    }
}
```

Application.properties

```
spring.jpa.hibernate.ddl-auto=update
spring.datasource.url=jdbc:mysql://${MYSQL_HOST:localhost}:3306/phase
2 spring.datasource.username=root spring.datasource.password=root
server.port=8090
```

```
spring.mvc.view.prefix=/webapp/jsp/
spring.mvc.view.suffix=.jsp
server.port=8090
```

Index.jsp

```
<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>
```

```
package com.example.UserFeedback;
```

```
import org.junit.jupiter.api.Test; import  
org.springframework.boot.test.context.SpringBootTest;
```

```
@SpringBootTest class
```

```
UserFeedbackApplicationTests {
```

```
    @Test
```

```
    void contextLoads() {
```

```
    }
```

```
}
```

=====X=====