

## Displaying User Feedback

### Entity class

```
package com.feedback;
import jakarta.persistence.Column;
import jakarta.persistence.Entity;
import jakarta.persistence.GeneratedValue;
import jakarta.persistence.Id;
import jakarta.persistence.Table;

@Entity
@Table(name = "feedback")
public class Feedback {

    @Id
    @GeneratedValue
    @Column(name = "ID")
    private long ID;

    @Column(name = "name")
    private String name;

    @Column(name = "fmessage")
    private String fmessage;

    public long getID() {
        return ID;
    }
    public void setID(long iD) {
        ID = iD;
    }
    public String getName() {
        return name;
    }
    public void setName(String name) {
        this.name = name;
    }
    public String getFmessage() {
        return fmessage;
    }
    public void setFmessage(String fmessage) {
        this.fmessage = fmessage;
    }
}
```

## Repository Class

```
package com.feedback;
import org.springframework.data.repository.CrudRepository;
import org.springframework.stereotype.Repository;

@Repository
public interface FeedbackRepository extends CrudRepository<Feedback, Long>{

}
```

## Controller Class

```
package com.feedback;
import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.dao.DataAccessException;
import org.springframework.web.bind.annotation.PostMapping;
import org.springframework.web.bind.annotation.RequestParam;
import org.springframework.web.bind.annotation.RestController;
import jakarta.transaction.Transactional;

@RestController
public class FeedbackController {

    @Autowired
    FeedbackRepository feedbackRepository;

    @Transactional
    @PostMapping("/feedback")
    public String saveFeedback(@RequestParam String name, @RequestParam String
fmessage) {

        try {

            Feedback form = new Feedback();
            form.setName(name);
            form.setFmessage(fmessage);
            feedbackRepository.save(form);

            return "feedback-added";
        }catch(DataAccessException e) {

            e.printStackTrace();
            return "Error saving Feedback";
        }
    }
}
```

## HTML page

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<div align="center">
    <h2>Feedback Form</h2>
    <form action="feedback" method="post">
        <label>Enter Name </label><br>
        <input type="text" name="name"><br><br>
        <label>Enter Message </label><br>
        <textarea name="fmessage" rows="5" cols="25"></textarea><br>
        <br>
        <button type="submit">Submit</button>
    </form>
</div>
</body>
</html>
```

## Index.jsp

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

<a href="/feedbackList">Feedback List</a><br><br>

<a href="feedbackForm.html">Feedback Form</a>
```

## Application Properties

```
server.port=80
spring.mvc.view.prefix=/WEB-INF/view/
spring.mvc.view.suffix=.jsp

#Database MySQL
spring.datasource.driver-class-name=com.mysql.cj.jdbc.Driver
spring.datasource.url=jdbc:mysql://localhost:3306/spring
spring.datasource.username=root
spring.datasource.password=India@@123*
spring.jpa.hibernate.ddl-auto=update
spring.jpa.properties.hibernate.dialect=org.hibernate.dialect.MySQL8Dialect
```