Case Study: Online Feedback Collection System

Code:

//index.jsp

```jsp
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
    <%@ include file="header.jsp" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
<h2>Welcome to College Feedback System</h2>
<p><a href="feedbackform.jsp">Click here to give feedback</a></p>


</body>
</html>
<%@ include file="footer.jsp" %>
```


//feedbackform.jsp

```jsp
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>

<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>
<%@ include file="header.jsp" %>

<!DOCTYPE html>
<html>
```

```html
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
<form action="feedbackSummary.jsp" method="post">
    <label>Your Name: </label>
    <input type="text" name="username" required><br><br>

    <label>Select facilities to give feedback:</label><br>
    <input type="checkbox" name="facility" value="Library"> Library<br>
    <input type="checkbox" name="facility" value="Cafeteria"> Cafeteria<br>
    <input type="checkbox" name="facility" value="Computer Lab"> Computer Lab<br>
    <input type="checkbox" name="facility" value="Infrastructure"> Infrastructure<br><br>

    <label>Comments:</label><br>
    <textarea name="comments" rows="4" cols="40"></textarea><br><br>

    <input type="submit" value="Submit Feedback">
</form>

</body>
</html>
<%@ include file="footer.jsp" %>


//feedbackSummary.jsp
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
```

```jsp
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>
 <%@ include file="header.jsp" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Feedback Summary</title>
</head>
<body>
<h3>Feedback Summary</h3>


<%-- Backup scriptlet to ensure parameters are received correctly --%>
<%
    String username = request.getParameter("username");

    String[] facilities = request.getParameterValues("facility");

    String comments = request.getParameter("comments");
%>


<h3>Feedback Summary</h3>


<p>Hello, <b><%= (username != null && !username.isEmpty()) ? username : "Guest" %></b>! Here's the feedback you submitted:</p>


<% if (facilities == null || facilities.length == 0) { %>
    <p style="color: red;">No facilities selected for feedback.</p>
<% } else { %>
    <p><b>Facilities Selected:</b></p>
    <ul>
        <% for (String item : facilities) { %>
            <li><%= item %></li>
        <% } %>
```

```
        </ul>
<% } %>


<p><b>Comments:</b> <%= (comments != null && !comments.isEmpty()) ? comments :
"No comments." %></p>


<br>
<a href="thankyou.jsp">Finish</a>


<%@ include file="footer.jsp" %>
</body>
</html>


//thankyou.jsp
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
    <%@ include file="header.jsp" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
<h3>Thank You!</h3>
<p>Dear <b>${param.user}</b>, your feedback has been received. We appreciate your
input!</p>
</body>
</html>
<%@ include file="footer.jsp" %>
```

//header.jsp

```jsp
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Online FeedbacK System</title>
</head>
<body>
<style>
    body { font-family: Arial; margin: 0; padding: 0; background-color: #f9f9f9; }
    .header, .footer { background-color: #0077cc; color: white; padding: 10px; text-align: center; }
    .content { padding: 20px; }
   </style>
</head>
<body>
<div class="header">
   <h2>Student Feedback Portal</h2>
</div>
<div class="content">


</body>
</html>
```

//footer.jsp

```jsp
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
```

```html
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
<div class="footer">
    <p>&copy; 2025 College Feedback System</p>
</div>


</body>
</html>
```
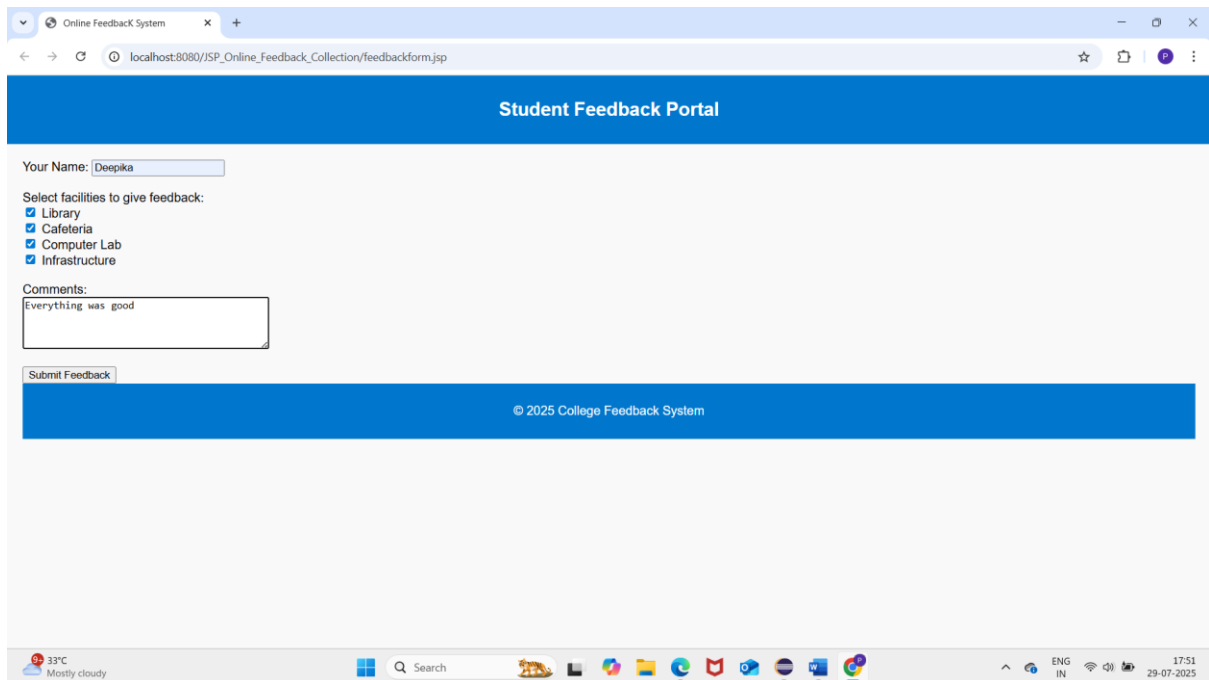
Output:

Student Feedback Portal

Feedback Summary

Feedback Summary

Hello, **Deepika**! Here's the feedback you submitted:

Facilities Selected:

- Library
- Cafeteria
- Computer Lab
- Infrastructure

Comments: Everything was good

Finish

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Student Feedback Portal

Thank You!

Dear , your feedback has been received. We appreciate your input!

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