

Case Study: Online Feedback Collection System

Code:

//index.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

```
<%@ 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>
```

```

<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"%>

```

```
<%@ 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

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

<!DOCTYPE html>

<html>

<head>

<meta charset="UTF-8">

<title>Online FeedbackK 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">


</div>

</body>

</html>
```

```
//footer.jsp

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

<!DOCTYPE html>
```

```
<html>

<head>

<meta charset="UTF-8">

<title>Insert title here</title>

</head>

<body>

<div class="footer">

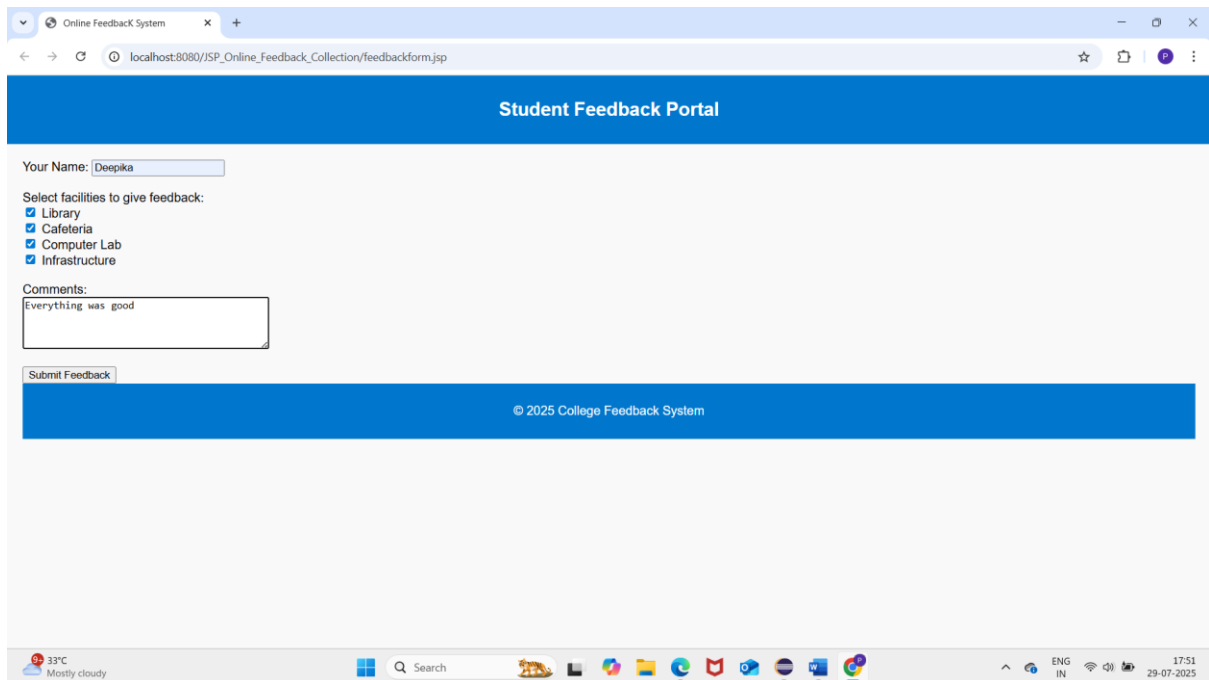
    <p>&copy; 2025 College Feedback System</p>

</div>

</body>

</html>
```

Output:



The screenshot shows a web browser window with the title 'Online Feedback System'. The address bar shows the URL 'localhost:8080/JSP_Online_Feedback_Collection/feedbackform.jsp'. The page content is titled 'Student Feedback Portal' and contains a form with the following elements:

- A text input field labeled 'Your Name:' with the value 'Deepika'.
- A section titled 'Select facilities to give feedback:' with four checked checkboxes: 'Library', 'Cafeteria', 'Computer Lab', and 'Infrastructure'.
- A text area labeled 'Comments:' containing the text 'Everything was good'.
- A 'Submit Feedback' button.
- A blue footer bar with the text '© 2025 College Feedback System'.

The browser's taskbar at the bottom shows the system clock as 17:51 on 29-07-2025, along with various system icons and a search bar.

