



## Case Study: Online Feedback Collection System



### Objective:

An educational institution needs an online system to collect **student feedback** on courses or instructors. Students will fill out a form, and the data will be processed by a backend Java servlet hosted on a Tomcat 10+ server using Jakarta EE 9+ APIs.

```
//index.jsp
```

```
<%@ page language="java" contentType="text/html; charset=UTF-8"
pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
    <title>Feedback Form</title>
</head>
<body>
    <h2>Course Feedback Form</h2>
    <form action="submitFeedback" method="post">
        Name: <input type="text" name="studentName" required><br><br>
        Email: <input type="email" name="email" required><br><br>
        Course: <input type="text" name="course" required><br><br>
        Feedback:<br>
        <textarea name="feedback" rows="5" cols="30" required></textarea><br><br>
    <input type="submit" value="Submit Feedback">
    </form>
</body>
</html>
```

```
//FeedbackServlet.java
package com.feedback;
```

```
import java.io.IOException;
import java.io.PrintWriter;

import jakarta.servlet.ServletException;
import
jakarta.servlet.annotation.WebServlet;
import jakarta.servlet.http.HttpServlet;
import
jakarta.servlet.http.HttpServletRequest;
import jakarta.servlet.http.HttpServletResponse;

@WebServlet("/submitFeedback")
```

```

public class FeedbackServlet extends HttpServlet {

    /**
     * */ private static final long
    serialVersionUID = 1L;

    @Override protected void doPost(HttpServletRequest request,
    HttpServletResponse response)
        throws ServletException, IOException {

        // Set encoding and content type
        response.setContentType("text/html;charset=UTF-8");
        PrintWriter out = response.getWriter();

        // Extract form data
        String name = request.getParameter("studentName");
        String email = request.getParameter("email");
        String course = request.getParameter("course");
        String feedback = request.getParameter("feedback");

        // Simple response
        out.println("<html><body>");
        out.println("<h2>Thank you for your
        feedback!</h2>");
        out.println("<p>Name: " + name + "</p>");
        out.println("<p>Email: " + email + "</p>");
        out.println("<p>Course: " + course + "</p>");
        out.println("<p>Feedback: " + feedback + "</p>");
        out.println("</body></html>");
    }
}

```

Course Feedback Form

Name:

Email:

Course:

Feedback:

Thank you for your feedback!

Name: Lalitha

Email: lalli@gmail.com

Course: Web Development  
Feedback: Had a great Learning !!