Working with JSP Forms

Module 3 Assignment

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2025

This document outlines the implementation of a user data collection page using Jakarta Server Pages (JSP) and Cascading Style Sheets (CSS). It includes two main components: the data collection form (DataCollection.jsp) and the data display page (DisplayData.jsp). Additionally, a CSS stylesheet (styles.css) is provided to enhance the visual presentation of the pages.

*DataCollection.jsp*

The DataCollection.jsp file serves as the primary interface for users to input their data.

A computer screen shot of a computer

AI-generated content may be incorrect.

Key Components:

1. **Content Type and Language**: The page is set to handle HTML content with UTF-8 encoding, ensuring proper character representation.
2. **Form Structure**: The form uses the POST method to submit data to DisplayData.jsp. Each input field is marked as required, ensuring that users cannot submit the form without filling out all fields.
3. **Input Types**: Various input types are utilized, including text, email, select dropdown, textarea, and number, which enhance user experience and data validation.

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AI-generated content may be incorrect.

*DisplayData.jsp*

The DisplayData.jsp file processes the submitted data and displays it in a structured format.

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Key Components:

1. **Data Retrieval**: The JSP retrieves user input using request.getParameter(), which allows for dynamic data display.
2. **Table Structure**: A table is used to present the submitted data clearly, with headers for "Field" and "Value".
3. **Navigation**: A form is provided to enable users to easily return to the data collection page.

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*styles.css*

The accompanying CSS file enhances the visual appeal of both JSP pages

A screenshot of a computer code

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This document provides a comprehensive overview of the user data collection and display process using Jakarta Server Pages (JSP) and Cascading Style Sheets (CSS). The use of JSP enables dynamic content generation, while CSS enhances the user experience through thoughtful design.