CIS175 Java II Weekly Assessment Report for YOUR NAME

Week 5

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| **Learning Objectives:** | * Understanding and implementing Servlets in Java. * Working with JSP to create dynamic web pages. * Integrating JPA for database operations. * Debugging and enhancing the functionality of a web application. |
| **GitHub Repo:** |  |
| **Screencast Video URL:** |  |
| **Learning Resources:**  (List additions resources you used if applicable) | * Instructor provided lab * [StackOverflow](https://stackoverflow.com/) * [Java Servlets Tutorial](https://www.javatpoint.com/servlet-tutorial) * [JSP Tutorial](https://www.tutorialspoint.com/jsp/index.htm) * [Java Persistence API (JPA) Tutorial](https://www.javatpoint.com/jpa-tutorial) |
| **Criteria and Means of Validating Evidence:**  (What criteria should the instructor use to validate your evidence?) | * Correct implementation of CRUD operations using Servlets and JPA. * Proper error handling and input validation in the Servlet. * Effective use of JSP to create user-friendly interfaces. * Code readability and the inclusion of meaningful comments. * Successful demonstration of the project's functionality through a video presentation. |
| **Score Earned & Justification**  (What score out of 50 does this project deserve? Why does the project deserve the score you’ve provided?) | |  |  | | --- | --- | |  | **50/50** |   Justification: Throughout the week, I diligently followed the learning materials and applied the concepts learned to enhance the functionality of the web application. I managed to successfully implement CRUD operations using Servlets and JPA, ensuring a smooth user experience through well-designed JSP pages. I believe that the effort and dedication I put into this project justifies a full score. The core functionalities were implemented successfully, showcasing my understanding and application of the concepts learned. |
| **Conclusion:**  (Lessons learned/comments/was the learning objective met?) | This week's learning objectives were certainly met. I have gained a deeper understanding of how to build dynamic web applications using Java, Servlets, and JSP. The hands-on experience of integrating JPA for database operations has enriched my skills in Java web development. I have also learned the importance of debugging and testing to ensure the application functions as expected. Moving forward, I am excited to apply these skills in more complex projects and continue to grow as a proficient Java developer. |