CIS175 Java II Weekly Assessment Report for ADAM REESE

Week 6

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| **Learning Objectives:** | To implement a web-based Java application using JPA, servlets, and JSPs, and to add another entity with a relationship to an existing entity. |
| **GitHub Repo:** |  |
| **Screencast Video URL:** |  |
| **Learning Resources:**  (List additions resources you used if applicable) | * Instructor provided lab * [StackOverflow](https://www.stackoverflow.com) * [Java Servlets Tutorial](https://www.javatpoint.com/servlet-tutorial) * [GeeksforGeeks Intro to JSP](https://www.geeksforgeeks.org/introduction-to-jsp/) * [GeeksforGeeks Intro to Servlets](https://www.geeksforgeeks.org/introduction-java-servlets/) |
| **Criteria and Means of Validating Evidence:**  (What criteria should the instructor use to validate your evidence?) | * Maven support with a pom.xml and appropriate dependencies. * At least two Java classes annotated as entities. * A web-based program that allows for CRUD operations. * An updated MySQL database with tables for both entities. |
| **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: The project meets all the requirements outlined in the assignment. It demonstrates the use of Maven, JPA, servlets, and JSPs. It also successfully implements CRUD operations for two related entities, ‘Developer’ and ‘VideoGame’, and utilizes an updated MySQL database. |
| **Conclusion:**  (Lessons learned/comments/was the learning objective met?) | The learning objectives were met successfully. This project provided valuable experience in building a web-based Java application that uses JPA for database operations. It also gave insights into how entities can be related and manipulated using servlets and JSPs. |