CIS175 Java II Weekly Assessment Report for Mysti Freed

Week 4

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| **Learning Objectives:** | * Learn about TDD (red green testing, JUnit, Test Runners) * TDD (Test Driven Development) vs BDD (Behavior Driven Development) * Agile and Testing * HTML/CSS – the basics * Tomcat – overview and setup |
| **Learning Resources:**  (List what resources you used throughout the week) | * I found that the resources provided this week were sufficient. Given my current role, I’ve been integral in the testing element of the development cycle. |
| **Evidence of Accomplishment:**  (How are you proving to the instructor that you used the learning resources and met the objectives? For example, how does the project you are submitted demonstrate the learning objective?) | I was able to recreate the ‘employee’ example from Lab in a slightly more complex manner (using two classes that combine into the RegistrationLogic class). The methods have all been tested, through both user testing and the JUnit, to ensure that they’re testing the criteria that they should be. |
| **Criteria and Means of Validating Evidence:**  (What criteria should the instructor use to validate your evidence?) | Running the TestRunner will validate the tests are working accurately. Otherwise, running TestRegistrationLogic will pull up the JUnit test scenarios. When these are used, we can see that the classes have no issues and the tests are measuring the data appropriately. |
| **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: All of the classes work, an understanding of the concepts was provided, and the classes are well notated and clean (no excess code/indentation is accurate). The project itself is slightly more complex than the lab. |
| **Conclusion:**  (Lessons learned/comments/was the learning objective met?) | Yes, I believe that I understand the JUnit testing. Having come in with an understanding of the testing cycle made this element a little easier to understand (with regard to TDD vs BDD).  Tomcat was a little more challenging, as the download didn’t work effectively the first time, however, once I was able to find suggestions on the web, I was able to address the pom.xml file to talk to the site and pull in the ‘hello’ code. |