Journal 4

CS-320

Samuel Bailey

* To what extent was your testing approach aligned to the software requirements? Support your claims with specific evidence.

The testing for this program was made directly from the rubric. The testing would not have been created if it were for the needs of the overall program.

* Defend the overall quality of your JUnit tests for the contact service and task service. In other words, how do you know that your JUnit tests were effective on the basis of coverage percentage?

I know that my Junit test were effective based on trial and error. I ran the completed code with test entries and they were all successful in the trials.

* How did you ensure that your code was technically sound? Cite specific lines of code from your tests to illustrate.

The file TaskServiceTest.java is complete filled with tests checking and filling the data structure and program with blank examples and activity’s to check on the program.

* How did you ensure that your code was efficient? Cite specific lines of code from your tests to illustrate.

In the file TaskService.java on line 27 I am using a function to print out the object(ID, name, description). This is showing that I am using a function instead of duplicating writing another long set of code. Reusing code(functions) is always the best example of efficient code.