CS 320 Module Four Journal Guidelines and Rubric

Overview

In Module Three, you submitted a milestone on contact service, and in this module, you submitted a milestone on task service. For this assignment, you will summarize and reflect on those processes.

Prompt

In this journal assignment, you will reflect on the contact service you submitted in Module Three and the task service you submitted in this module. Specifically, you will describe your unit testing approach and describe your experience with writing the JUnit tests. This will help to prepare you for the Project Two submission, due in Module Seven, in which you will submit a summary and reflections report.

Address the following questions:

- To what extent was your testing approach aligned to the software requirements? Support your claims with specific evidence.
- 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?
- How did you ensure that your code was technically sound? Cite specific lines of code from your tests to illustrate.
- How did you ensure that your code was efficient? Cite specific lines of code from your tests to illustrate.

What to Submit

Submit your assignment as a 1- to 2-page Word document with double spacing, 12-point Times New Roman font, and one-inch margins.

Module Four Journal Rubric

Criteria	Meets Expectations (100%)	Does Not Meet Expectations (0%)	Value
Testing Approach	Explains the extent to which the testing approach used was aligned to the software requirements with support of specific evidence	Does not attempt criterion	25
Quality	Defends the overall quality of JUnit tests for the contact service and task service, describing how the JUnit tests were effective on the basis of coverage percentage	Does not attempt criterion	25

Criteria	Meets Expectations (100%)	Does Not Meet Expectations (0%)	Value
Technically Sound Code	Describes strategies used to ensure technically sound code and illustrates each with specific examples from the code	Does not attempt criterion	20
Efficient Code	Describes strategies used to make the code efficient, and illustrates each with specific examples from the code	Does not attempt criterion	20
Clear Communication	Consistently and effectively communicates in an organized way to a specific audience	Shows no evidence of consistent, effective, or organized communication	10
		Total:	100%