Reading 08

| 10/20/2022

| Attempt 1 ⌄ | ◯ **IN PROGRESS** Next Up: Submit Assignment | 💬 Add Comment |

10 Possible Points

Unlimited Attempts Allowed

⌄ **Details**

Testing: A strategic view

To read

Again, one of this week's readings comes from Roger Pressman's software engineering textbook, which some of you may have used in CS 5704. Feel free to use your own copy of the book. If you used a different textbook for CS 5704, you can look to find the relevant chapters/sections in that text, or use the online chapter linked below.

- [required] Hong Zhu, P.A.V. Hall, and J.H.R. May. **Software unit test coverage and adequacy (https://canvas.vt.edu/courses/156121/files/23790829/download?wrap=1)** . *ACM Computing Surveys*, 29(4): 366-427, Dec. 1997. Read Sections 1-2.1 and 3.1.

- [required] Roger S. Pressman. **Chapter 17: Software Testing Strategies (https://canvas.vt.edu/courses/156121/files/23790884/download?wrap=1)** . *Software Engineering: A Practitioner's Approach*, 7th ed., McGraw-Hill, 2010, pp. 449-480 [can also use 8th edition].

To turn in

Prepare a brief (no more than one page) written answer to the following two questions. Write up your answer using MS Word or LaTex, and generate a PDF version in a file named `R08-yourPID.pdf` . One well-presented paragraph for each question is sufficient.

1. What role should measurement play in a good testing strategy?

2. If you were involved in a development group that already had used a testing strategy for its products, what is the best way to decide how that strategy can be improved?

Upload your PDF to this assignment here on Canvas.

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(https://canvas.vt.edu/courses/156121/modules/items/2003731)   **(https://canvas.vt.edu/courses/156121/mc**

Reading Assignment Evaluation

Criteria	Ratings				Pts
Question 1 view longer description	5 pts Good: shows critical engagement with the readings assigned	3 pts Marginal: repeats content from the reading without additional insight	1 pts Minimal answer: does not show engagement with the reading	0 pts No answer	/ 5 pts
Question 2 view longer description	5 pts Good: shows critical engagement with the readings assigned	3 pts Marginal: repeats content from the reading without additional insight	1 pts Minimal answer: does not show engagement with the reading	0 pts No answer	/ 5 pts
				Total Points: 0

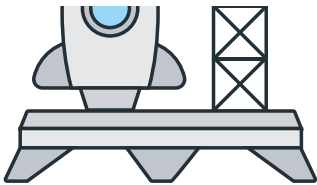## Choose a submission type

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