



Competency Assessment

COMPETENCY ASSESSMENT

[Introduction](#)[Assessment](#)[Rubric and Minimum Submission Requirements](#)

This competency assessment assesses the following Outcome(s):

IN254M4-4: Create software test plan for validation and verification of design requirements.

GEL-1.02: Demonstrate college-level communication through the composition of original materials

PC-1.2: Contribute to team goals and objectives through active participation and collaboration.

Purpose

Imagine you are part of a team working at a software company. Your direct supervisor has asked you to write a statement for the software group. He wants to incorporate more testing into the development cycle and requests that your team develop a narrated presentation to convince the company managers that your team can ensure product quality.

Assessment Instructions

Develop a narrated presentation proposal that covers these points:

- What is software quality?
- Types of software testing
- How can software developers improve software quality?

Assessment Requirements:

- Provide three definitions of "software quality." Cite three unique credible sources.

- List five characteristics of software quality.
- Prioritize the five characteristics and provide examples of each.
- Provide three definitions of “software testing.” Cite three unique credible sources.
- Describe why the three types of software testing should be used by the software group by providing examples.
- Define the three ways a software developer can improve software quality during the software development process. Cite three unique credible sources.
- Describe why the three types of improvements should be used by the software group by providing examples.

Deliverables:

- You will build a single cohesive, professional, and **narrated** presentation covering the requirements.
- The slideshow should be at least 8 to 10 slides in length, including a separate title slide and a slide for resources used in research.
- You will incorporate voice narration on each slide in the presentation. The narration should be consistent with the rest of the presentation.
- All written work should be free of spelling and grammar errors.

Directions for Submitting Your Assessment

Name your presentation file according to this convention: IN254_YourLastName_M4_Presentation

Review the checklist rubric before beginning this activity.



Activity Details

You have viewed this topic

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