

Congratulations! You passed!

TO PASS 100% or higher

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GRADE
100%

Why do we need requirements?

TOTAL POINTS 6

1. Which is the right description about the requirement specification process?

2 / 2 points

- ☐ Requirement specification is a process of solving the requirements.
- ☐ Requirement specification is a process that identifies and specifies the problem and possible solutions to the problem.
- ☒ Requirement specification is a process to identify and specify the problem to solve.
- ☐ Requirement specification is a process to design the solution to the problem.



Correct

Yes.

2. Specifying requirements is difficult because (select three):

2 / 2 points

- ☐ There is no guideline for writing a software requirement specification document.
- ☒ Software is intangible, which makes it difficult to comprehend and communicate.



Correct

Yes.

- ☒ Terminology can be interpreted in multiple ways depending on the person or the context in which it was used.

Correct



Yes.



The client or end users might not be clear about what they want.



Correct

Yes.

3. Why is requirement specification important? Select two.

2 / 2 points



Repairing a bug in the requirements can cost thousands of times less than in the later phases of the software development lifecycle.



Correct

Great! For large projects, erroneous requirements often cost 100 times more to fix later in the lifecycle (although [some](#) can cost 1000 times more, depending on the domain), and for small projects it can be more like 5 times more. Why does it cost so much? Is it just because we have to fix more artifacts (the requirements document, the design document, the code, etc.) or [is there something more](#)?



Changing the requirement is not possible once the system is fully developed.



Spending time upfront in requirement specification can save time in the later phases of the software development lifecycle.



Correct

Yes