

# Module 7 - Quiz

- Due Oct 14 at 11:59pm
- Points 100
- Questions 10
- Time Limit 30 Minutes
- Allowed Attempts 2

## Instructions

The purpose of this quiz is to check your understanding of and reinforce key concepts covered in this module.

[Take the Quiz Again](#)

## Attempt History

	Attempt	Time	Score
<b>LATEST</b>	<a href="#">Attempt 1</a>	22 minutes	100 out of 100

❗ Correct answers are hidden.

Score for this attempt: 100 out of 100

Submitted Oct 11 at 6:12pm

This attempt took 22 minutes.



Question 1

10 / 10 pts

In activity diagrams, the rectangular boxes with rounded corners represent

- ☐ Swim lanes
- ☐ Decisions
- ☐ Asynchronous threads
- ☒ Actions



Question 2

10 / 10 pts

The data model that is unordered and has no duplicates is

- ☐ Map
- ☐ List
- ☐ Record
- ☒ Set



### Question 3

10 / 10 pts

Which of the following is not one of the three dimensions of software specifications?

- ☒ Interactions
- ☐ Information
- ☐ Structure
- ☐ Behavior



### Question 4

10 / 10 pts

Which of the following UML models are graphs with no cycles?

- ☐ Class diagram
- ☐ Activity diagram
- ☐ State transition diagram
- ☒ They all may have cycles



### Question 5

10 / 10 pts

How do you determine the right size for a module?

- ☐ Fits on one screen of code.
- ☐ Can be implemented by one person.
- ☒ Has high cohesion.
- ☐ Fits on one page of design.



### Question 6

10 / 10 pts

Three of the following are benefits of the client/server paradigm. Which one is not one of the benefits?

- ☐ The server can protect its internal state
- ☐ Client sees a simplified specification of the server and doesn't need to understand the complexity of how it works
- ☐ The internal implementation of the server can be modified without affecting the client
- ☒ The client can access data stored within the server



### Question 7

10 / 10 pts

Which of the following is a declarative model?

- ☐ Class diagram
- ☐ Activity diagram

- ☐ Sequence diagram
- ☒ Decision table



### Question 8

10 / 10 pts

In a layered architecture, the layer in which you typically find modules that have been harvested from existing systems is

- ☒ Domain specific
- ☐ Base
- ☐ Application
- ☐ Common services



### Question 9

10 / 10 pts

The discussion of "Software is a lot like magic" is used to illustrate three of the following four things. Which one is not illustrated in the "Software is a lot like magic" example?

- ☐ Encapsulation
- ☐ Abstraction
- ☒ Modularity
- ☐ Correctness



### Question 10

10 / 10 pts

Dynamic models

- ☐ May be implemented as UML class diagrams.
- ☐ Model structural aspects of the system.
- ☐ Are subject to change as we learn more about the problem.
- ☒ Model behavioral aspects of the system.

Quiz Score: 100 out of 100