

Sequence Diagram vs Usecase Diagram

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I have build a usecase diagram for hotel reservation

Should i build a sequence diagram for each usecase in the usecase diagram, or can i summarize multiple usecase in a single sequence diagram?

[uml](#) [use-case](#) [sequence-diagram](#)

asked Sep 11 '15 at 8:16



[ahmad alhilal](#)

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1 Answer

A use case diagram shows how use cases and actors relate to each other and gives a functional system overview.

A use case is graphically represented in an activity diagram where the single steps occur as actions.

A sequence diagram is used to show how objects communicate.

Usually you derive classes and relate them to actions of the use case activities. So when you create a sequence diagram it highlights a certain aspect of the whole system. This highlight is usually spot on and not a floodlight. Putting multiple use case scenarios in a single SD would for sure simply blind any reader instantly.

answered Sep 11 '15 at 8:57



[Thomas Kilian](#)

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