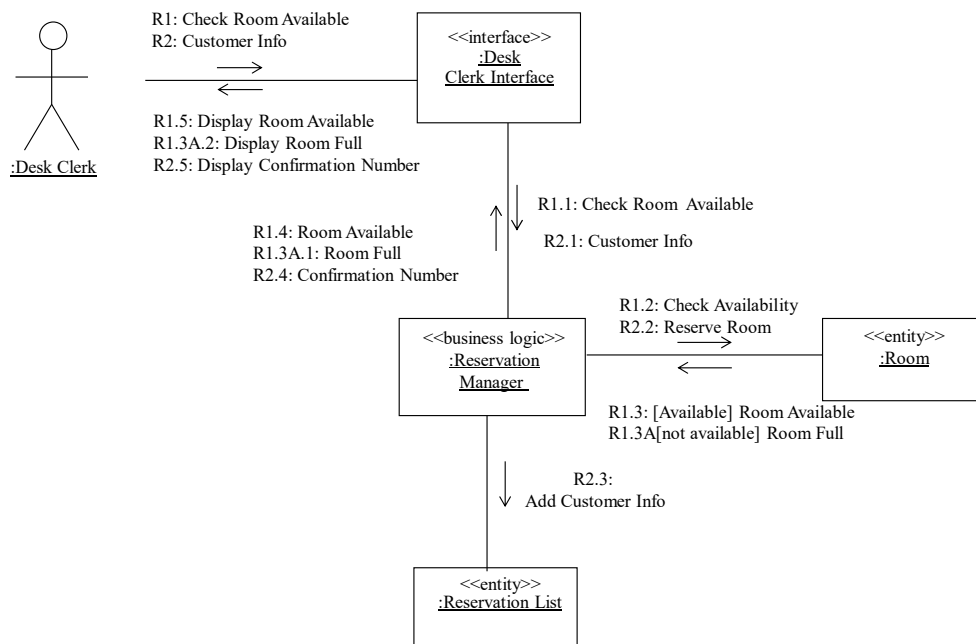


## CS5373-Class Practice4-Fall2022

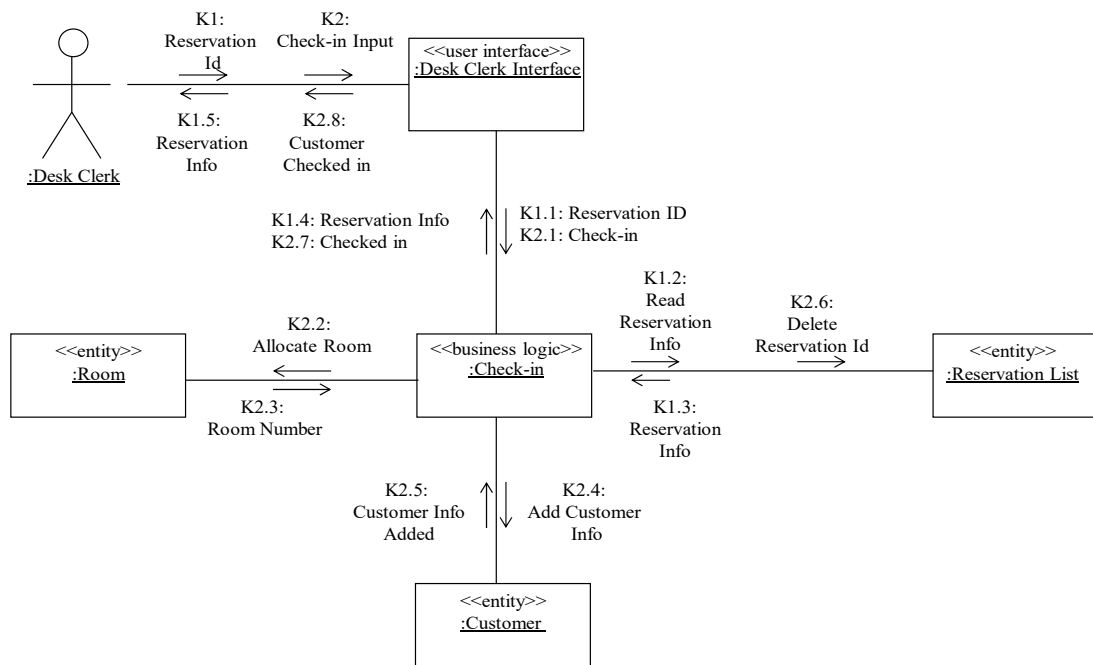
Develop the software architecture for a hotel information system, which provides reserve room and check-in use cases depicted below using the communication diagram. Develop software architecture in the following order:

1. Develop the consolidated communication diagram by merging all communication diagrams into a consolidated communication diagram that shows all objects and their interaction.
2. Determine the hotel information system's subsystems (or components) and depict them on the consolidated communication diagram.
3. Develop the software architecture diagram that shows subsystems and their interaction.

**Collaboration Diagram for Reserve Room use case**



## Communication Diagram for Check-in use case



Rubric:

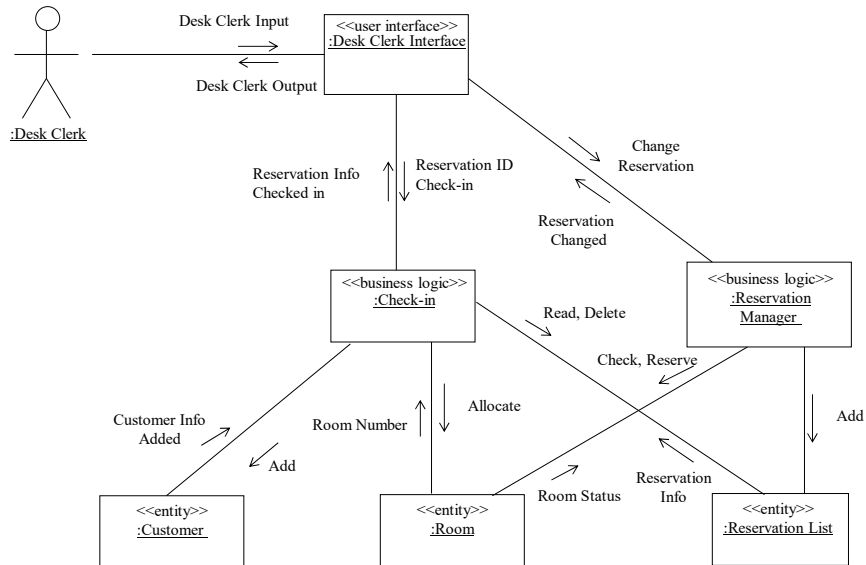
2 pts if students attended it.

3 pts for your judgment (1 pt for each question)

Key:

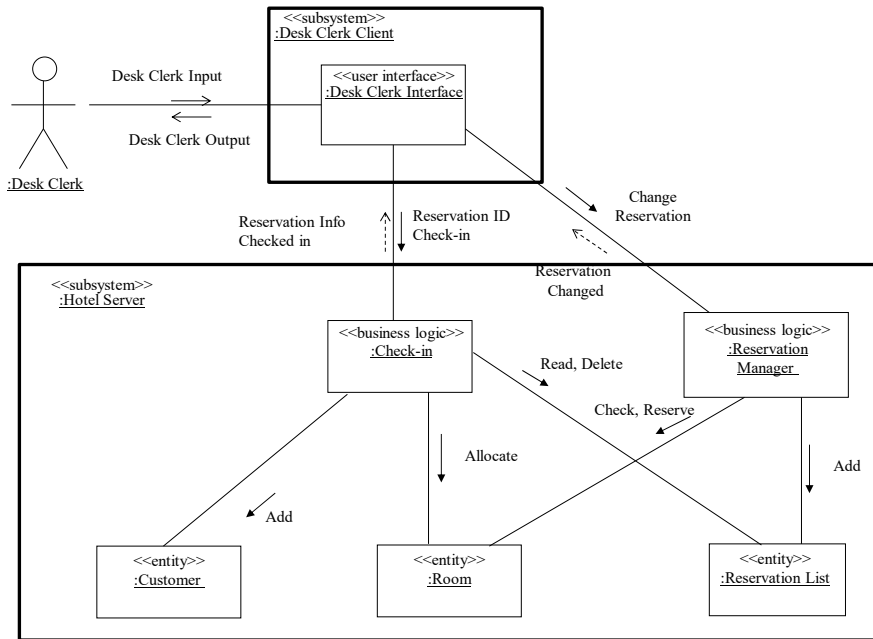
1a)

Consolidated Communication Diagram



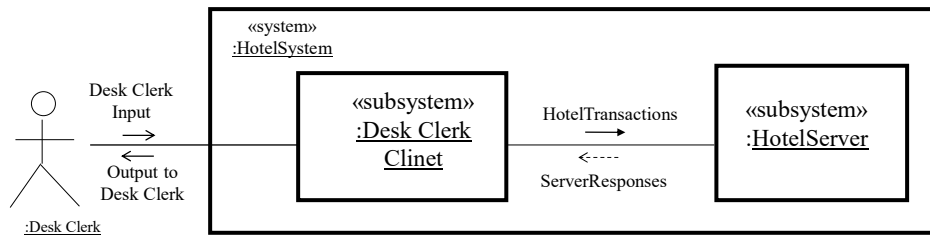
2b)

### Subsystems and Message communication /function calls



2c)

### Software Architecture



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