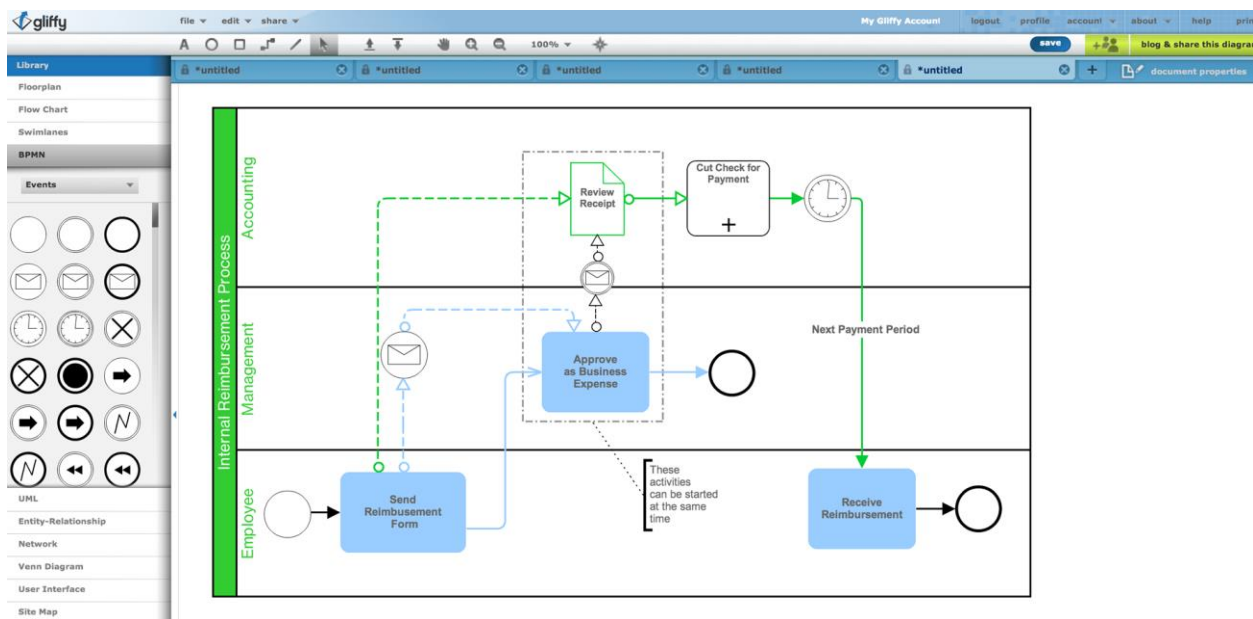# P08 – Inter Object Communication

MODELLING OF INTER OBJECT COMMUNICATIONS IN A SYSTEM

In order to develop inter object communications, gliffy can be used. It's used as an extension to the chrome browser. Using this tool domain classes can be easily applied. The graphical user interface provides options to represent different relationships between the layers.

Gliffy allows to generate JPG or PNG format pictures after completing the design. This is helpful as it enables these documents to be used effectively.

Necessary shapes can be dragged and dropped on to the sheet. So that all the relevant activities can be represented. In addition gliffy allows access to Google drive. Therefore multiple users of the group can have access to the documentation and make adjustments easily.

Inter Object Communication

The two main use cases are,

Checking for customer validity

The sales person needs to check for the customer validity before checking in. Otherwise sales would be made to unwanted persons.
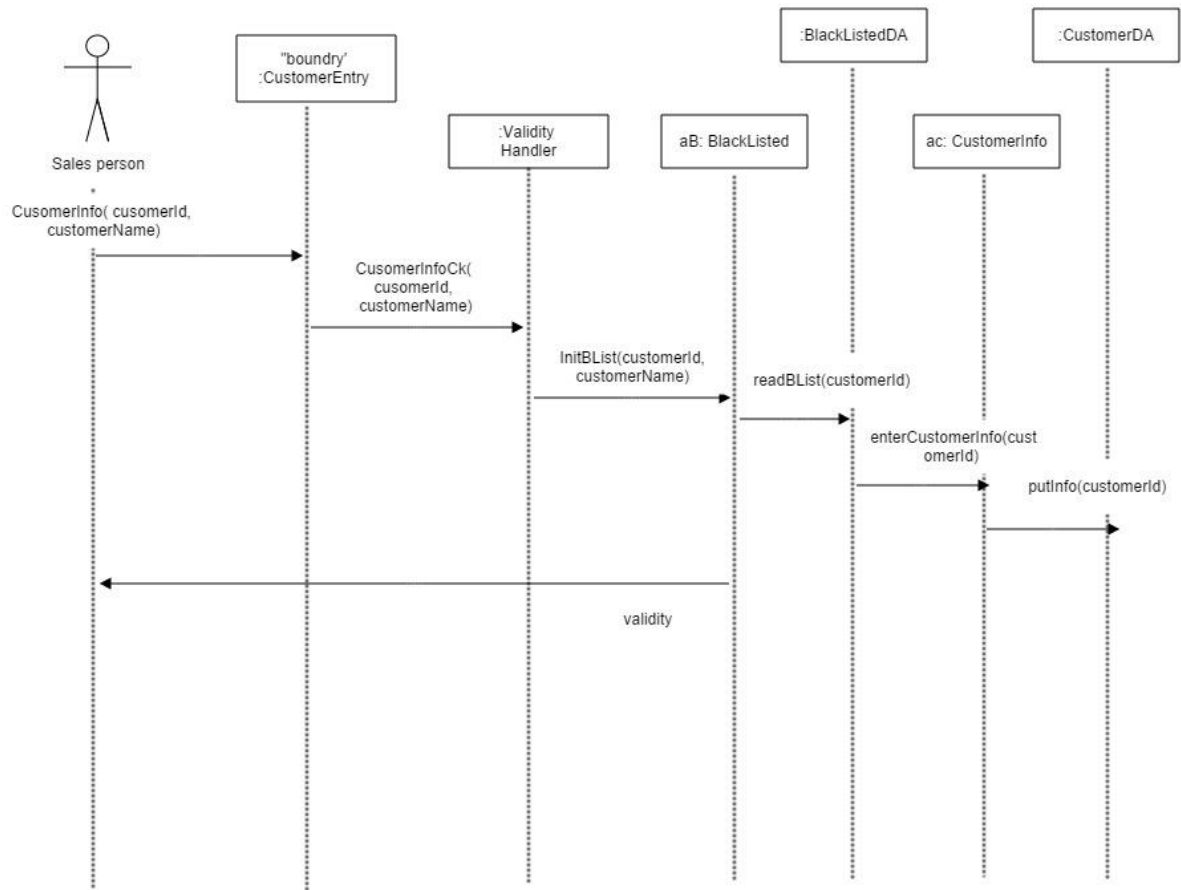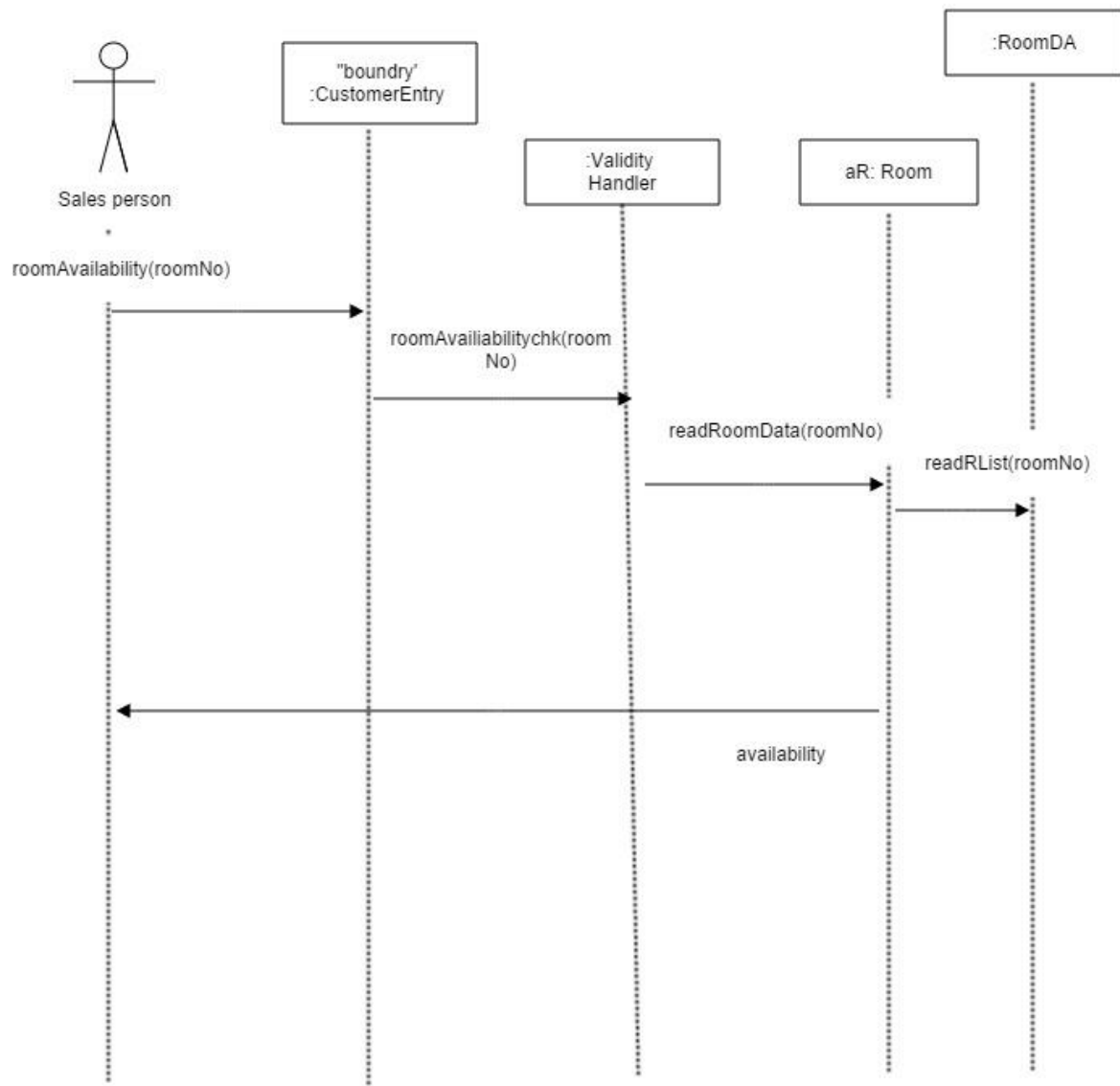
Checking for room availability

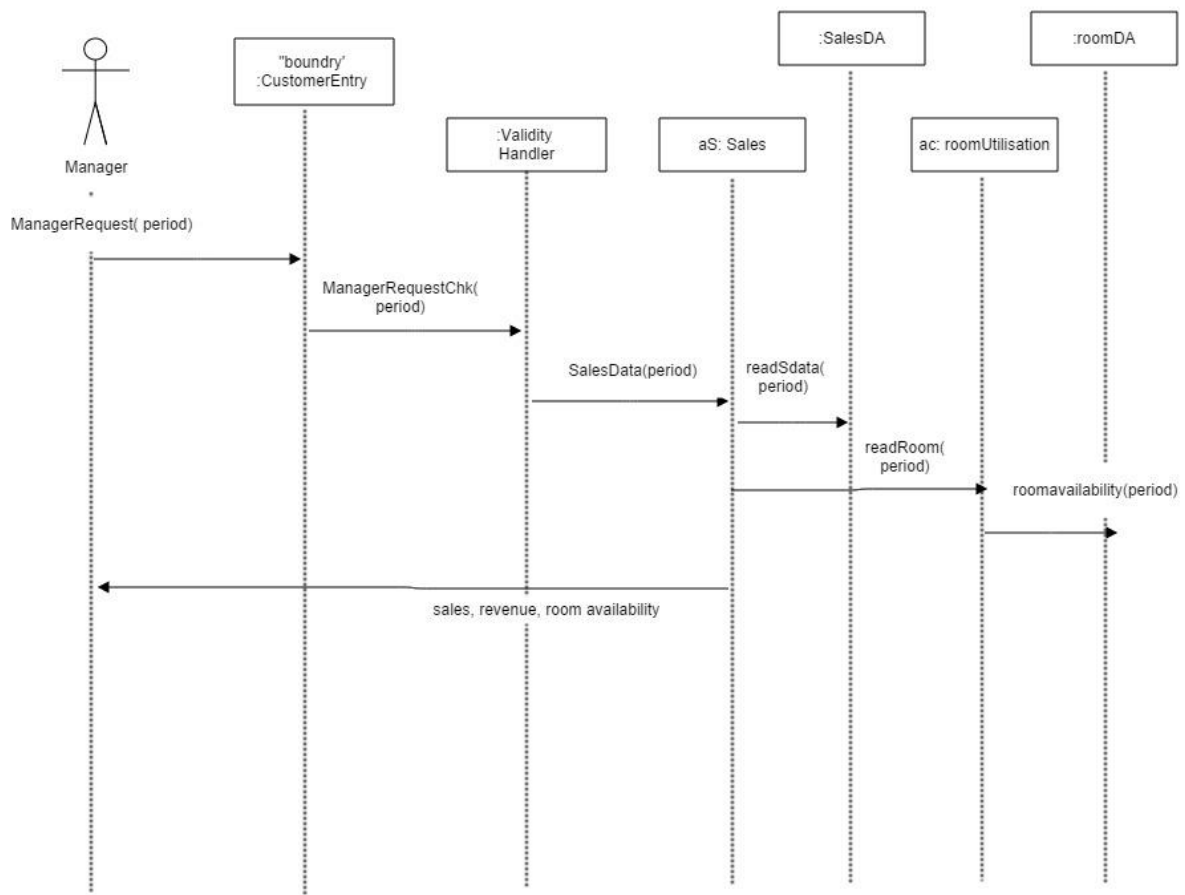Room availability needs to be checked in order to validate results.

Access info for the manager

Manager needs to access the information to make decisions on item availability.

Sequence diagrams

"boundry'
:CustomerEntry

:RoomDA

:Validity
Handler

aR: Room

Sales person

roomAvailability(roomNo)

roomAvailiabilitychk(room
No)

readRoomData(roomNo)

readRList(roomNo)

availability

Manager

ManagerRequest(period)

"boundry'
:CustomerEntry

:Validity
Handler

aS: Sales

:SalesDA

ac: roomUtilisation

:roomDA

ManagerRequestChk(
period)

SalesData(period)

readSdata(
period)

readRoom(
period)

roomavailability(period)

sales, revenue, room availability

TRUE CODE TECHNOLOGIES

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