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## Problems:

In the Hotel management domain, we have the following concepts:

Hotel	Hotel chain	Hotel room
Reservation	Valet Parking	Guest
Meeting room	Ballroom	Guest Room
Catering Service	Internet Service	TV Service
Item on bill	Parking Service	

You are asked to design a model, using a UML class diagram to relate the abovementioned concepts:

- Correctly use **UML notations for relations** such as generalization, association, aggregation, composition.
- You may introduce **additional concepts (classes)** to make your model more appropriate.
- For each Class in your diagram, you should define **at least one attribute and one operation**.
- Use **multiplicity** whenever appropriate.
- Note that if you are not sure about a concept, you should do research on the problem domain.

## Solution:

- Paste your UML class diagram here (make sure the diagram is still readable before submission).
- Save this report in PDF, then **each team** submit your pdf report to the graded assignment named "**Lab5**". **One submission from each team**.

I tried to make more box and more arrow but it wouldn't let me do it on the free version so I kind of group them together.

( diagram below vvvvvv )

