

GP1 Peer Review Form

Group name: Jivecca (jblv) Reviewed by: Wordle (Team 6)

Does the diagram exhibit correct notation?

- Do all the entities have a key? Do any weak entities that need a partial key have one?

All entities have keys.

While we see weak relationships,
there are no weak entities identified.

- Do all weak entities have at least one identifying relationship?

There are no weak entities
identified

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- Do the relationships have the correct cardinality?

Bill has optional relationship but there
should be a mandatory bill for each reservation

The roomtype-reservation relationship should be
O₁ instead of O because many reservations
could use the same room type

A cleaning schedule should be mandatory for a room

- Do any entities have attributes that seem to refer to other entities? This is not correct.

room type is an attribute of room

reservation has room#

cleaning repeats schedule_id

Ask the team to explain their design:

- Consider how the design handles the issue of the cost of a reservation. Assume that at least one hotel instance and a room type and season instance (for that hotel) exist. Is it possible to calculate the cost of a reservation that spans multiple days?

- Yes, you have start/end dates

- Consider how the design handles guest types. Would it be possible for the hotel chain to change the discount offered to seniors from 10% off to 15% off?

yes ((Guest category)) does this

- Consider how the design handles reviews. Is it possible to know the dates of stay in a particular hotel that a review applies to?

- Yes, ~~might~~ might want to make date a derived attribute in review

GP1 Peer Review Response Form

Group name: Jivecca (jblv)

Self Assessment

- Have you included one extra service, of your own choice, for your hotel?

We decided to have a general purpose service that holds various services for the hotel.

- Have you written up your assumptions and decisions?

Yes!

- If you deviated from standard notation, did you include a legend/key?

N/A, although we had forgotten how to identify weak entities

Reflection

After hearing comments from your peers, what areas in your model do you plan to revise?

- Making weak entities more clear (dotted line)
- More clearly specify how we represent the cleaning schedule in assumptions
- Take out repeat attributes that we had made entities for (i.e. room type)
- Room-Type to reservation relationship (OK)
- mandatory cleaning schedule
- price to Room type
- Describe guest category / Discount representation in assumptions
 - ↳ can hold multiple Discounts (OK)