T3

GP2 Peer Review Form

Group name: _Engeo_   Reviewed by: _andro_

Do the EER and relational model diagrams generally match?

- There should be a table for each entity, as well as an extra table for each M-N relationship and each multi-valued attribute.

  yes

- Are all the tables connected? Every table should have at least one FK relationship with another table.

  yes

- Does the `create.sql` script contain both CREATE and DROP table statements? Does the `alter.sql` script contain the ALTER TABLE statements to create the foreign key constraints?

  yes

- Does the `README.md` file contain explanations for the team's decisions during this phase of the project?

  yes

Engeo

Ask the team to explain their design:

- Consider how the design handles the issue of the cost of a room/reservation. Can their database store room (room type) prices that can vary depending on the season and the day of the week?

  yes

- Consider the extra hotel service the group created. Are those services related to a hotel, so that the service costs can vary between hotels? Are purchased services attached to a guest (or reservation or occupant) in such a way that the costs of any services used during a guest's particular stay can be added to the bill for that particular stay?

  yes

- On a specific day and time, is it possible to know if a particular room is unoccupied and clean?

  will add relationship from orders to room

- Consider how the design handles guest reviews. Is it possible for a guest to review a hotel, or review a stay in a hotel?

  yes

GP2 Review Response Form

Group name: _Engr0_

Self Assessment

- Have you created all the required files and are the latest versions of each in github?

  - create.sql ✓
  - alter.sql ✓
  - eer_model.png ✓
  - rel_model.pgerd ✓
  - README.md ✓

- Have you written up your assumptions and decisions in the README?

  Yes we listed some of the changes from the EER model and our decisions with the relational model

- Are the tables with constraints created in your group's database in Postgres on data.cs.jmu.edu?

  Yes all tables are available in postgres

- Do those tables match the versions of the scripts that are in github?

  Yes all files are updated

- Has every member of your group tried selecting from the tables (without data) to make sure that the ownership is correct, the permissions make sense, and you can refer to the tables and fields without putting quotes around them.

  Yes, all members have ownership

Reflection

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

- rewards program doesn't need guestid ✓
- make more indexes,
- price per day attribute in room, "multivalue table"
- Add relationship from orders to room, roomnum is attribute of order
- room status should be text not intr