



(CL2005) Database Systems Lab

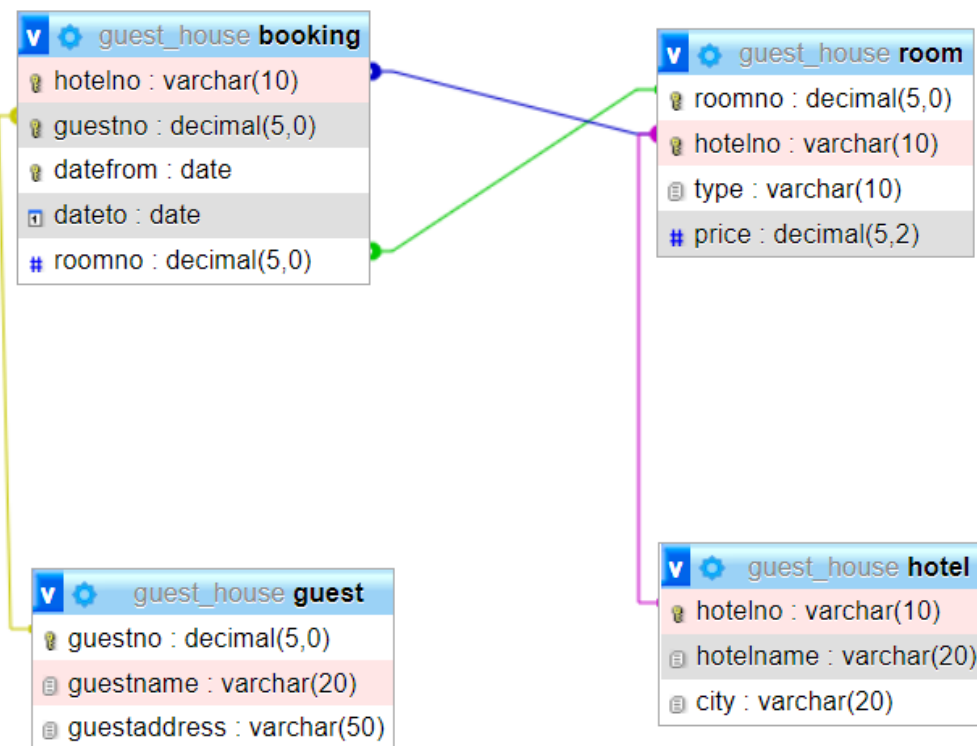
Spring 2022

Home Work 03

Note: Copied assignments will be awarded **zero** marks without any investigation.

Question

Run the script hotel.sql (download it from Google Class Room), you will get the database of a guest house with the following four tables as shown in below figure.



Design SQL queries that answer the questions listed below (one query per question).

1. List all hotels whose name's third alphabet has a 't'. Order the result in descending order by hotelname.
2. List all those hotels, rooms which were booked by those guests who are from Glasgow and their first name is Tony or last name is Farrel. List the guest detail as well.
3. List the room no. along with its hotel no and hotelname, whose price is second most highest.
4. List all the room nos. which were booked in the period 2005-2010. Also display the room's hotel no and hotel name.
5. List the room no. along with its hotel no and hotelname, who have third most lowest price in the room category of type single.
6. List all the hotel's name which have double as well as family type rooms.
7. List all the hotels which have single as well as double type rooms but no family type room.
8. List all double or family rooms with a price below £40.00 per night, in ascending order of price. Also display the room's hotel no and hotel name.
9. List the price and type of all rooms at the Grosvenor Hotel.
10. List all guests currently staying at the Watergate Hotel.
11. List those hotels which have greater than 2 rooms.
12. List the number of rooms in each hotel in London.