Lab 7 Entity Relationship Data Model

Submit your work in a pdf and rename the file name as xxxxxx_lab7.pdf (xxxxxx is your student id)

Reference:

- https://www.ibm.com/cloud/learn/data-modeling#toc-types-of-d-Fne2rmPT
- http://www.agiledata.org/essays/dataModeling101.html
- https://www.credera.com/insights/data-modeling-explained-in-10-minutes-or-less
- https://medium.com/sagar-explains-azure-and-analytics-data-engineerin/introduction-to-data-modelling-c0c44432ec0b

Task 1: Consider the following attributes and write each attribute that should belong to one or more of three entities that play a role in a hotel environment: GUEST, HOTEL, and ROOM.

Address Arrival Date Family Name

Room Number Floor Number Number of Beds

Number of Parking Lots Price TV set available?

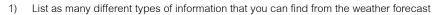
GUEST	HOTEL	ROOM

Weather Forecast

January 26

København	201	1/-5	→ 3
Bremen	\triangle	0/-3	¥ 4
Berlin	23	3/-1	← 3
München	****	5/-3	← 3
Amsterdam	溢	8/3	1 4
Bruxelles	\triangle	4/0	→ 2
Paris	- Tim	4/1	→ 3
Bordeaux	湾	7/2	1 3

Your assignment



- а
- b.
- C.
- d.
- e.
- r
- g.
- h.
- i.
- j.

Entity	Attributes	

MySQL Workbench and paste the data model picture below.

Scenario

You work as an analyst for a publishing company that wants to make recipes available on the Web. It wants the public to be able to search for recipes in a very easy way.

	Ralph's Raving Recipes
Soups	Açorda alentejana bread soup from Portugal
vegetarian 15 min easy	For 4 persons: 1 onion 4 cloves of garlic 1 red pepper 1 liter of vegetable broth 4 tablespoons of olive oil 4 fresh eggs 1 handful of parsley or coriander salt, pepper 9-12 slices of (old) bread
Preparation	Cut the onion into small pieces and fry together with the garlic. Wash the red pepper, cut it in half, remove the seeds and fry it for at least 15. page 127

Your assignment

1.	List as many	different types	of information t	that you can	find from the	e weather forecast

- a.
- b.
- c.
- d.
- e.
- f
- g.
- h.
- i.
- j.

Entity	Attributes	
	•	
lame the relation	ships you discover and draw a conceptual data model diagram (entities/attributes/keys/relationship) by us	sing
/vSQL Workben	h and paste the data model picture below.	

2.

3.