

### Exam 1

#### 1. Patient, Order and Medication.

- a. Each patient can have multiple orders. Each order is for just one patient. Each order can contain multiple medications. Medications can be in many orders.
- b.



#### 2. UBA

- a.

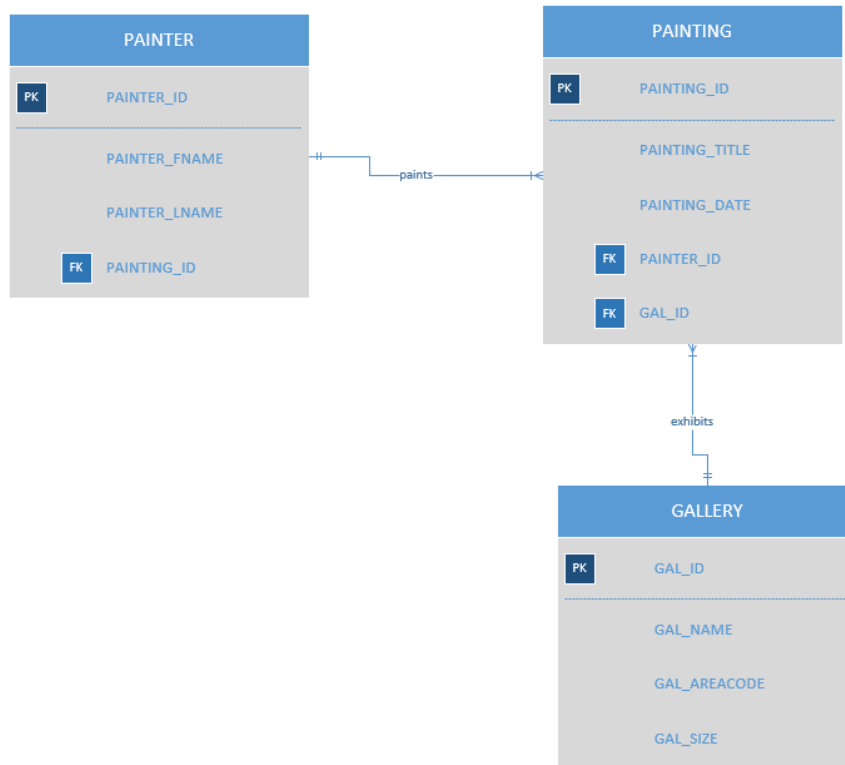
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Painter_ID	Painting_ID	GAL_ID
Painter_FNAME	Painting_TITLE	GAL_NAME
Painter_LNAME	Painting_DATE	GAL_AREACODE
Painting_ID	Painter_ID	GAL_SIZE
	GAL_ID	

- b. A painter can paint many paintings. Each painting is painted by one painter. A gallery can show many paintings at once. Each painting is in only one gallery at a time. A painter can exhibit paintings in many galleries.

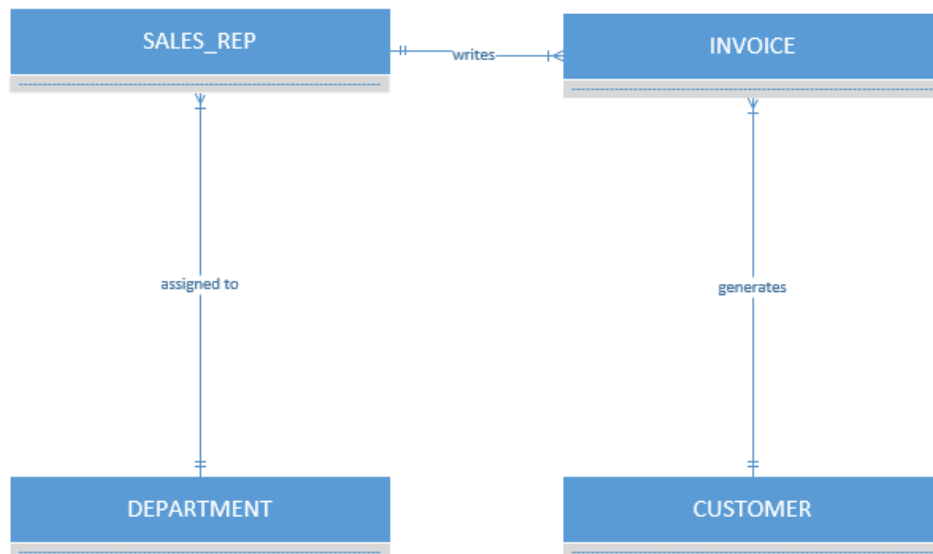
- c.



#### 3.

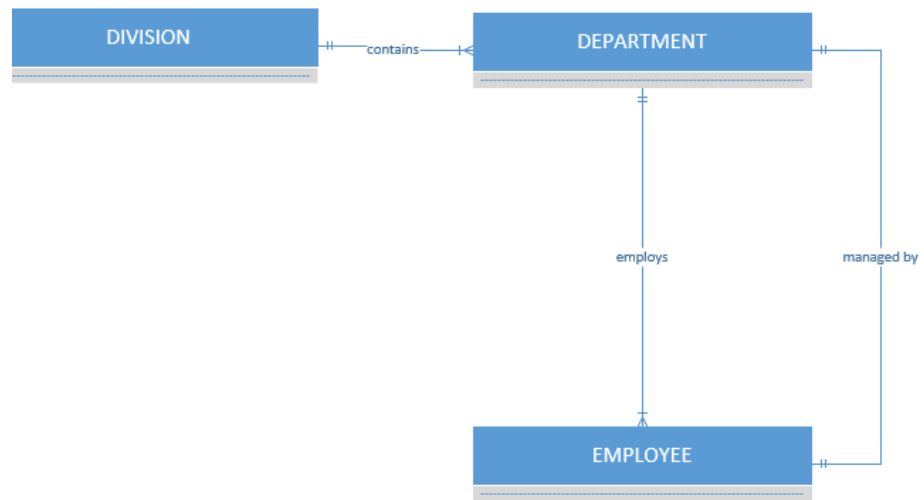


4. A database is a collection of organized data incorporating different features to access that data. A table contains rows and columns to store the actual data. The columns are the names of the fields and the rows are the actual data.
5. Each student has one professor. One professor has many students. A professor teaches many classes. Each class is taught by one professor.
- 6.

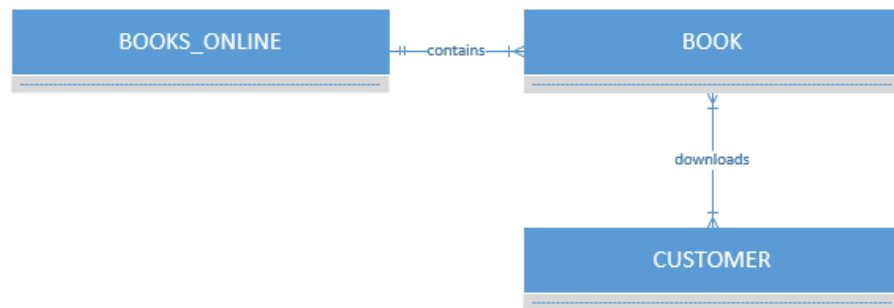


## 7. ERD's

a.



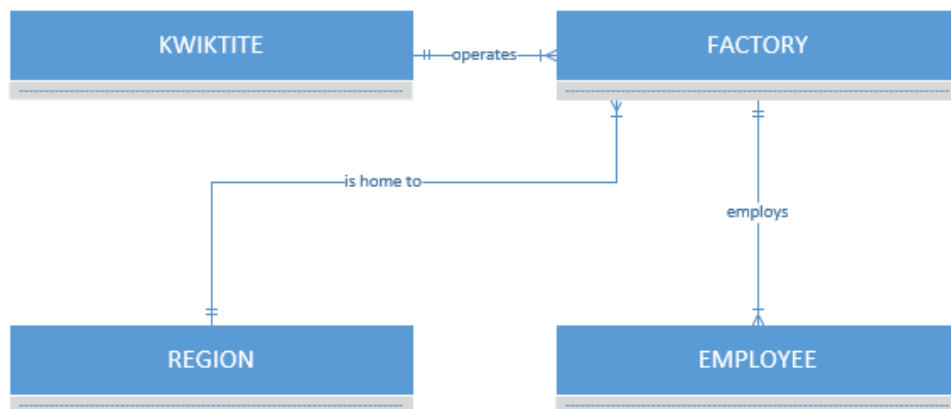
b.



c.



d.



e.

