Database Design, CSCI 340, Spring 2016 Quiz 1, Jan. 22

1. What does DBMS stand for?

2. Describe what is meant by meta data.

3. Give an example of meta data for the Hotel Reservation Database.

4. The following diagram shows that there are six entities and seven relationships in the DreamHome database. Does this information tell you more about the extension or intension of the DreamHome database? Circle the answer which is most appropriate.

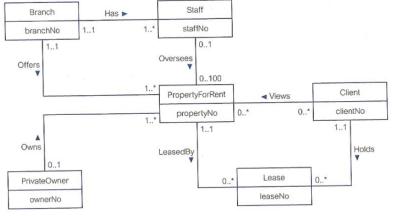


Figure 1.6 Example Entity-Relationship diagram.

- a. Extension
- b. Intension

- 5. Say that the DreamHome database developers decide that they no longer want the public to be able to see monthly rental amounts. They are pleased that they can make this change, without needing to make any change to the entity-Relationship diagram above. This is primarily due to "logical data independence" or to "physical data independence". Circle the answer which is most appropriate.
 - a. Logical data independence
 - b. Physical data independence
- 6. One of the services offering by a DBMS is transaction support. Describe what is meant by transaction support.

7. Another service is User-accessible catalog. Describe what is meant by a user accessible catalog.