DB Project 3: Logical DB Design Using a Relational Model

01 Oct. 2014

Course name: Database Systems

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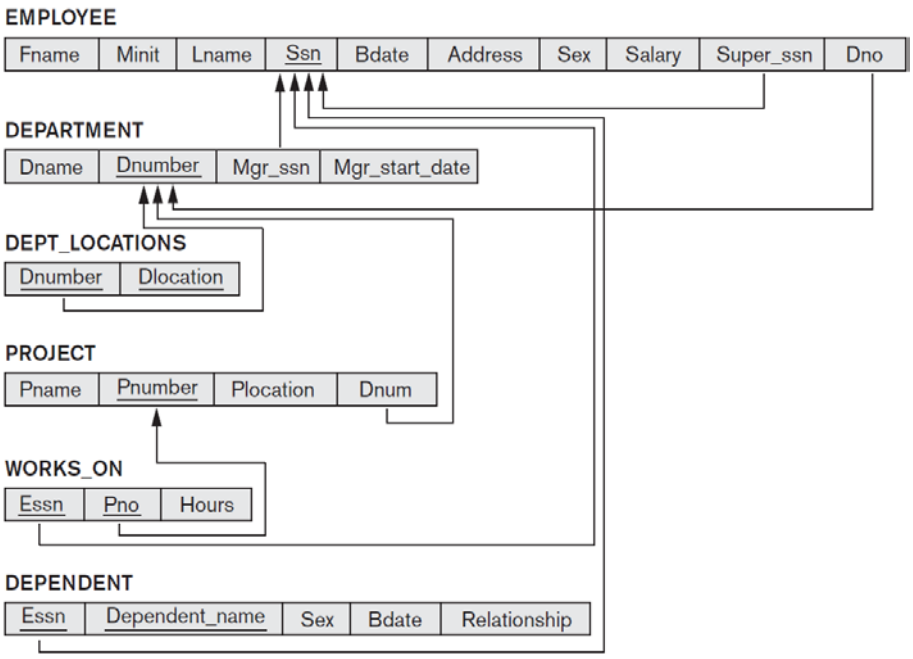
1. What is the Relational Model?

The relational model for database management is a database model based on first-order predicate logic, first formulated and proposed in 1969 by Edgar F. Codd. In the relational model of a database, all data is represented in terms of tuples, grouped into relations. A database organized in terms of the relational model is a relational database.

(source: http://en.wikipedia.org/wiki/Relational_model)

2. Note

This project is to perform **logical DB design** using the relational model based on the result of project 2. The result of project 2 will be a relational diagram. You can refer to the following relational diagram as an example for the company database.



3. Report

You should write **a report (*.HWP, *.DOC) on this project** in English and submit it to HY-in.

- The conventions for the file name
  - **{class name}_{student number}_{student name}_P{project number}.HWP or DOC**
  - Class name
    - ✓ **A**: Mon 1:30~3:00pm, Wed 1:30~3:00pm class
    - ✓ **B**: Mon 3:00~4:30pm, Wed 3:00~4:30pm class
- (Ex) A_1234567890_YeonChangLee_P3.HWP

3. **Due date**: 22 Oct. 2014, 24:00

- Penalty for late submission
  - 1 week delay: 20%
  - 2 weeks delay: 35%
  - 3 weeks delay: 45%
  - 4 weeks delay: 50%
  - Delay more than 4 weeks: 100%