DB Project 2: Conceptual DB Design

Using the Entity-Relationship (ER) Model

01 Oct. 2014

Course name: Database Systems

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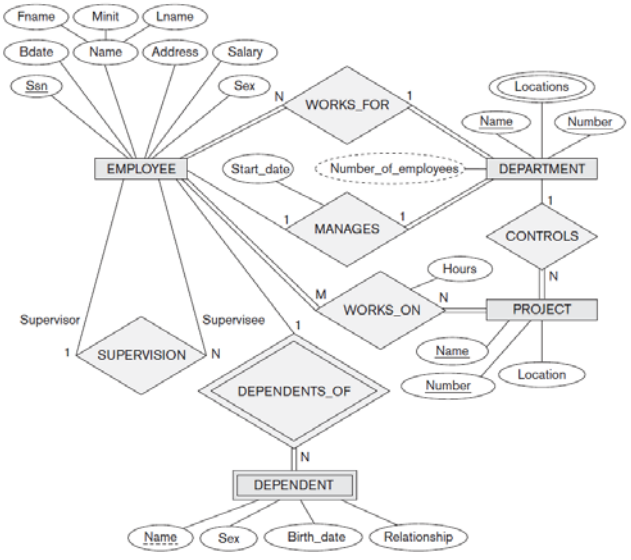
1. What is the Entity-Relationship (ER) Model?

An entity-relationship (ER) model is a data model for describing the data or information aspects of a business domain or its process requirements. The main components of ER models are entities (things) and the relationships that can exist among them.

(source: http://en.wikipedia.org/wiki/Entity%E2%80%93relationship_model)

2. Note

This project is to perform **conceptual DB design** using the ER model based on the result of project 1. Please note that the conceptual DB design *(Project 2)* and Logical DB design *(Project 3)* are different steps. The result of project 2 will be an ER diagram. You can refer to the following ER 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_P2.HWP

3. **Due date**: 08 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%