- requirements collection.
  - \* data requirements
    - \* functional requirements
    - \* techniques: scenarios, sequence diagrams
- conceptual design à requirements generale generale ER-digram
  - conceptual schema : unantiquious
    - \* entity types, relationships, constraints

NO IMPLEMENTATION DETAIL

- logical design implement in DBMS

- physical designo data stored on disk

## name: COMPANY

Assure requirements:

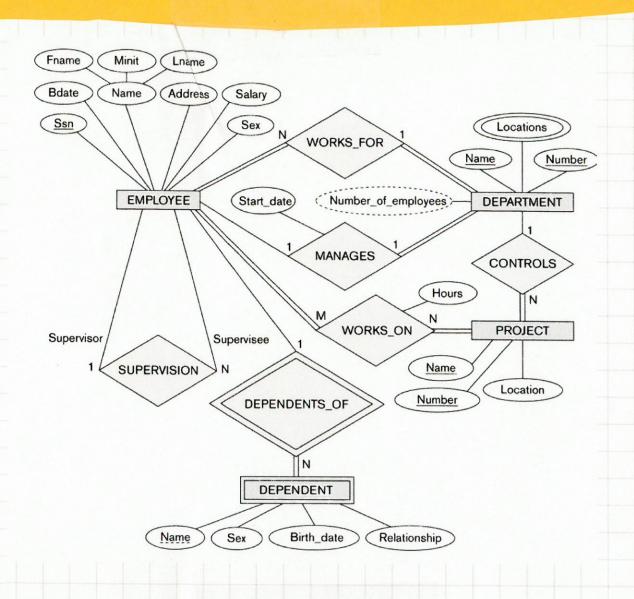
- organized into departments
- each department: one unique name, unique id, manager, date that the manager begins, location (maybe many)
  - departments control many projects
  - each project:

unique name, unique number, one location

- each employee has:

name, SSN, address, Salary, gender, birthdate supervisor

- in one department
- may work on several projects (projects may be in other departments)
- track # of hours/week per project
- dependents of each employee; first name, gender, birthdate, relationship



Entittributes

enthing or object in real world
independent existence

att properties that describe
the entity

