**Consider a company which is organized into Departments**

* Each department has a name, number, and an employee who manages the department.
  + We keep track of the start date of the department manager. A department may have several locations.
* Each department controls a number of Projects.
* Each project has a name, number, and is located at a single location.
* We store each EMPLOYEE's social security number, address, salary, sex, and birth date.
* Each employee works for one department but may work on several projects.
  + We keep track of the number of hours per week that an employee currently works on each project.
  + We also keep track of the direct supervisor of each employee.
* Each employee may have a number of Dependents.
* For each dependent, we keep their name, sex, birth date, and relationship to the employee.

**Create** an ER diagram for the above scenario