

Example 1:

A company database needs to store information about employees (identified by *ssn*, with salary and phone as attributes), departments (identified by *dno*, with *dname* and budget as attributes), and children of employees (with name and age as attributes). Employees work in departments; each department is managed by an employee; a child must be identified uniquely by name when the parent (who is an employee; assume that only one parent works for the company) is known.

- Draw an ER diagram that captures this information.

