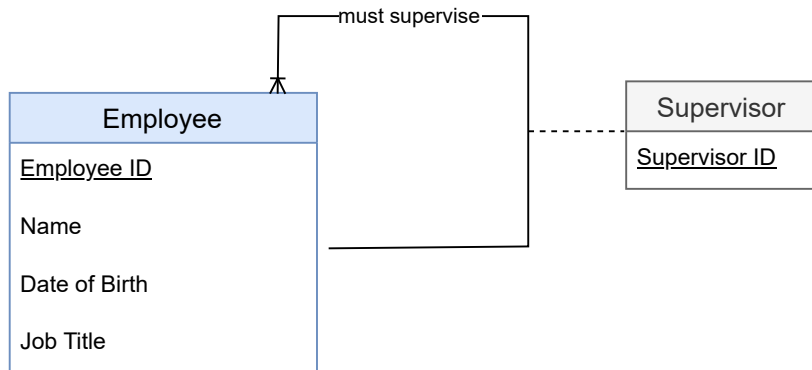
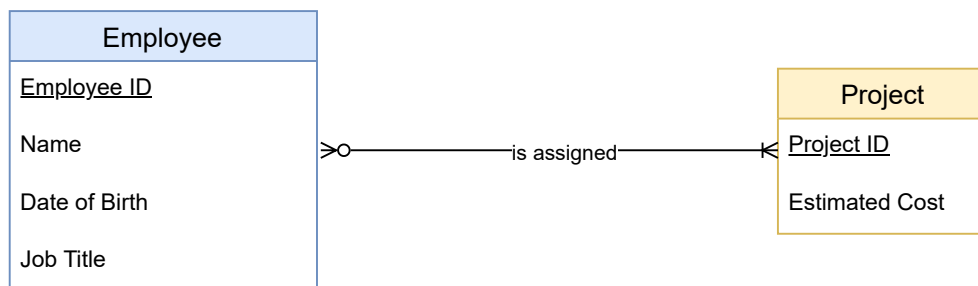


Every Employee has a unique number (Employee ID) assigned by the firm and must also store their Name, Date of Birth and Job Title.
 o Some employees act as supervisors. A supervisor must supervise at least one employee; however, they usually supervise more. If an employee is a supervisor, you must store their Supervisor ID.

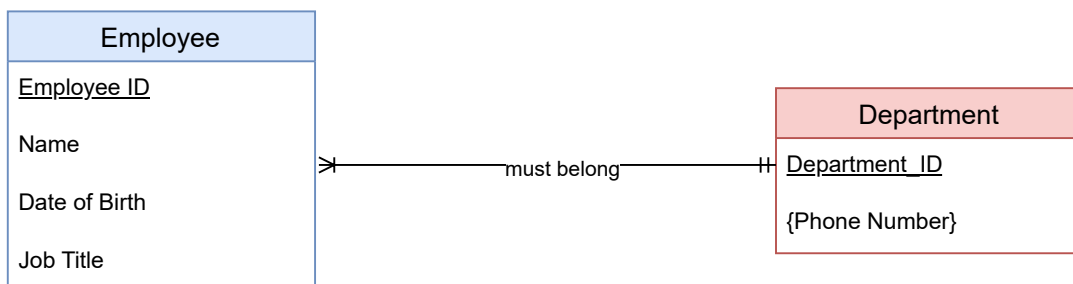


In the question, it mentioned that a supervisor must supervise at least one employee, but it doesn't mention anything about the employee. Regarding the business rules, employees can have only one supervisor, one or more supervisors, or zero to many supervisors. That's why I didn't draw it in here.

Every employee is assigned to work at least one Project. However, there may be projects not worked on by any employee. And a Project must store the Project ID and Estimated Cost.



Every employee must belong to only one Department. A Department can have one or more employees. Each Department has a Department_ID and Phone Number



A Supplier usually supplies each department with their necessary work items. You must store a Suppliers' Vendor ID and Address.
 o A department may not rely on any supplier or multiple suppliers for their items; however, a supplier must supply items to at least one department.
 o If a supplier provides items to a department, you must store the date the transaction took place

