

## Farzaneh Noroozi- Homework 1

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.

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

