

## Business Rule

- The hospital has three types of employees Doctors, Nurses and Ward boys.
- The organization wants to store information about each employee working, Attributes of each employee include Employee\_id (identifier/key), First\_Name, Last\_Name, Zip\_Number, Phone, Address, Gender, Salary.
- The organization wants to save patients data, Attributes stored about each patient are patient\_Id (identifier/key), First\_Name, Last\_Name, Zip\_Number, Address, Gender, Age and the disease they are suffering from.
- Each patient could have multiple phone numbers to make contacting him or his family easier.
- We also need to keep track of hospital belongings like:

**Rooms:** Attributes include Room\_Number, Status.

- They also have appointments with patients, Doctors must have one or more appointment and patients must have one or more appointment.
- Doctors must be helped by one or more nurse and a nurse must help one or more doctor.
- A nurse may govern and take care of one or more rooms and a room must be governed by one or many nurses.
- A Ward boy may work in one or more rooms and a room must be governed by one ward boy.
- Each patient must be assigned a room and a room may be assigned to one patient or an empty one.