Assumptions

1. I assume a technician has many job ability's but only one job skill. They have skills in their field but also in other minority fields.
2. I assume physicians and nurses can have a specialty/special field which is why I listed it in their attributes
3. I assumed a work unit has a disjoint relationship to care center. They share the same attributes; therefore, we only need this in our diagram. Other care centers such as medical laboratory are not needed because it is in the work unit and doesn't affect any other set.
4. I assume patients can have 0 to many emergency contacts. Many emergencies could belong to different types of patients.
5. I assume for physicians they could be reasonable for many patients but they can only have one physician.
6. I assume for registered nurses they can take on many enrolled nurses but must be directed by one registered nurse
7. I have used 2 relationship cardinality lines on patient to physician. As one line represents when a physician can take on a patient. The other line represents when the physician refers a patient and we need their information for the hospital.
8. I assume an outpatient overlaps a patient as a resident could be either one or both.

Person
- PK **personID**
- lastName
- firstName
- address
- birthDate
- phone
- email

Patient
- PK **patientID**
- firstContactDate

patientEmergencyContact
- PK **patientID**
- PK **emergencycontactID**

Physician
- PK **physicianID**
- pageNumber
- mcNumber

EmergencyContact
- PK **emergencycontactID**
- firstName
- lastName
- relationToPatient
- address
- phone

InsuranceInformation
- PK **insuranceinformationID**
- companyName
- policyNo
- groupNumber
- phone

InsuranceSubscriber
- PK **insurancesubscriber**
- firstName
- lastName
- relationToPatient
- address
- phone

Resident
- PK **residentID**
- admitDate
- dischargeDate

Outpatient
- PK **outpatientID**

DateVisit
- PK **DateVisitID**
- reasonForVisitID(FK)
- outpatientID(FK)

ReasonForVisit
- PK **reasonID**
- date
- time

Employee
- PK **employeeID**
- hireDate

Staff
- PK **staffID**
- jobClassification
- workUnit(foreign Key)

Technician
- PK **technicianID**
- type
- workUnit

NurseType
- PK **enrolledID**

NurseType
- PK **registeredID**

Speciality
- PK **specialityID**
- typeOfSpeciality

jobAbility
- PK **technicalID(FK)**
- PK **jobskillID(FK)**

Nurse
- PK **nurseID**
- qualification
- nurseSpecialField
- nurseType

jobSkill
- PK **jobskillID**
- jobRelatedSkill

Volunteer
- PK **volunteerID**
- timeOfService
- award
- startDate
- endDate

WorkUnit
- PK,FK1 **workunitID**
- unitName
- unitLocation
- unitType

Bed
- PK **bedID**
- description

ability
- PK **SkillID(FK)**
- PK **VolunteerID(FK)**
- PK **InterestID(FK)**

Care centre
- PK **care centre**

skill
- PK **skillID**
- skillName

interest
- PK **interestID**
- interestName