

Relational Model

```
Employee(  
    Id:int,  
    Name:varchar,  
    PhoneNumber:varchar,  
    DateofBirth:date,  
)
```

```
Nurse(  
    EmployeeId:int,  
    Name: varchar,  
    PhoneNumber:varchar,  
    DateofBirth:date,  
)
```

```
Doctor(  
    EmployeeId:int,  
    Name:varchar,  
    PhoneNumber:varchar,  
    DateofBirth:date,  
    SpecialtyId:int  
)
```

```
Specialty(  
    Id:int,  
    Name:varchar  
)
```

```
Hospital(  
    Id:int,  
    Name:varchar,
```

```
    PhoneNumber:varchar,  
    Address:varchar,  
    XCoordinate:varchar,  
    YCoordinate:varchar,  
    Location:varchar,  
    EmergencyServices:bool,  
    EHS:bool,  
    CityId:int,  
    StatId:int,  
    ZipcodeId:int,  
    CountyName:int,  
    HospitalTypeId:int,  
    HospitalOwnershipId:int  
)  
City(  
    Id:int,  
    Name:varchar  
)  
State(  
    Id:int,  
    Name:varchar  
)  
Zipcode(  
    Id:int,  
    Name:varchar  
)  
County Name(  
    Id:int,  
    Name:varchar
```

)

Hospital Type(

Id:int,

Name:varchar

)

Hospital Ownership(

Id:int,

Name:varchar

)

Hospital Overall Rating(

Id:int,

Rating:int

)

National Comparison(

Id:int,

Description:varchar,

FootnoteNote:varchar

)

Footnote(

Note:varchar

)

Mortality(

Id:int,

Description:varchar,

FootnoteNote:varchar

)

Safety of Car(

Id:int,

Description:varchar,

```
FootnoteNote:varchar
)
Readmission(
    Id:int,
    Description:varchar,
    FootnoteNote:varchar
)
Patient Experience(
    Id:int,
    Description:varchar,
    FootnoteNote:varchar
)
Effectiveness of care(
    Id:int,
    Description:varchar,
    FootnoteNote:varchar
)
Timeliness of care(
    Id:int,
    Description:varchar,
    FootnoteNote:varchar
)
Efficient use of medical imaging(
    Id:int,
    Description:varchar,
    FootnoteNote:varchar
)
Rating (
    HospitalId:int,
```

HospitalOverallRatingId:int,
MortalityId:int,
SafetyOfCareId:int,
ReadmissionId:int,
PatientExperienceId:int,
EffectivenessOfCareId:int,
TimelinessOfCareId:int,
EfficientUseOfMedicialImagingId:int
)
Works at(
HospitalId:int,
EmployeeId:int
)