

### **Relationships**

User, Receptionist, Patient, Doctor

Each patient will have at most one user account and each user account will be owned by one patient.  
Each doctor will have at most one user account and each user account will be owned by one doctor.  
Each receptionist will have at most one user account and each user account will be owned by one receptionist.

Doctor, Receptionist, Hospital

Each doctor will work at one hospital and each hospital can employ many doctors.  
Each receptionist will work at one hospital and each hospital can employ many receptionists.

Doctor, Patient, Prescription, Appointment

Each doctor provides many prescriptions and each prescription is provided by at most one doctor.  
Each patient can have many prescriptions and each prescription is for at most one patient.

Appointment, Doctor, Hospital

Each patient can have multiple appointments and each appointment has at most one patient.  
Each doctor can have multiple appointments and each appointment has at most one doctor.  
Each appointment is associated with one hospital and each hospital can have multiple appointments.

Disease, Symptom, Patient, Doctor

Each disease has many symptoms and each symptom can be in many diseases.  
Each disease can be cured by many doctors and each doctor can cure many diseases.  
Each patient can have many symptoms and each symptom can occur in many patients.

Billing, Patient, Payment

Each patient has many bills and each bill is paid by one patient.  
Each patient makes many payments and each payment is made by one patient.

Doctor, Doctor Availability

Each doctor has many availability records and each availability record belongs to one doctor.

Insurance, Patient, Billing

Each insurance covers many patients and each patient has one insurance.  
Each insurance is associated with multiple billing statements and each billing statement has one insurance.

Room, Hospital, Appointment

Each hospital has many rooms and each room belongs to one hospital.  
Each room can hold many appointments and each appointment is assigned to one room.

