



Relationships:

- A patient can have many appointments.
- An appointment can only belong to one patient.
- A doctor can have many appointments.
- An appointment can only belong to one doctor.
- A patient can have many visits.
- A visit can only belong to one patient.
- A doctor can have many visits.
- A visit can only belong to one doctor.
- A patient can be prescribed many medications.
- A medication can be prescribed to many patients.
- A doctor can prescribe many medications.
- A medication can be prescribed by many doctors.

Cardinalities:

- Patient-Appointment: 1:N
- Appointment-Patient: 1:1
- Doctor-Appointment: 1:N
- Appointment-Doctor: 1:1
- Patient-Visit: 1:N
- Visit-Patient: 1:1
- Doctor-Visit: 1:N
- Visit-Doctor: 1:1
- Patient-Prescription: 1:N
- Prescription-Patient: 1:1
- Doctor-Prescription: 1:N
- Prescription-Doctor: 1:1
- Medication-Prescription: 1:N
- Prescription-Medication: 1:1