

VIDA SANA HOSPITAL
Relational Model

```
Patient(  
  id_patient INT PRIMARY KEY,  
  first_name VARCHAR(50) NOT NULL,  
  last_name VARCHAR(50) NOT NULL,  
  document_number VARCHAR(20) UNIQUE,  
  date_of_birth DATE,  
  phone VARCHAR(20)  
)  
  
Doctor(  
  id_doctor INT PRIMARY KEY,  
  first_name VARCHAR(50) NOT NULL,  
  last_name VARCHAR(50) NOT NULL,  
  specialty VARCHAR(50) NOT NULL,  
  phone VARCHAR(20)  
)  
  
Appointment(  
  id_appointment INT PRIMARY KEY,  
  appointment_date DATE NOT NULL,  
  appointment_time TIME NOT NULL,  
  reason VARCHAR(200),  
  id_patient INT,  
  id_doctor INT,  
  FOREIGN KEY (id_patient) REFERENCES Patient(id_patient),  
  FOREIGN KEY (id_doctor) REFERENCES Doctor(id_doctor)  
)  
  
Diagnosis(  
  id_diagnosis INT PRIMARY KEY,  
  description TEXT NOT NULL,  
  treatment TEXT,  
  id_appointment INT UNIQUE,  
  FOREIGN KEY (id_appointment) REFERENCES Appointment(id_appointment)  
)
```

