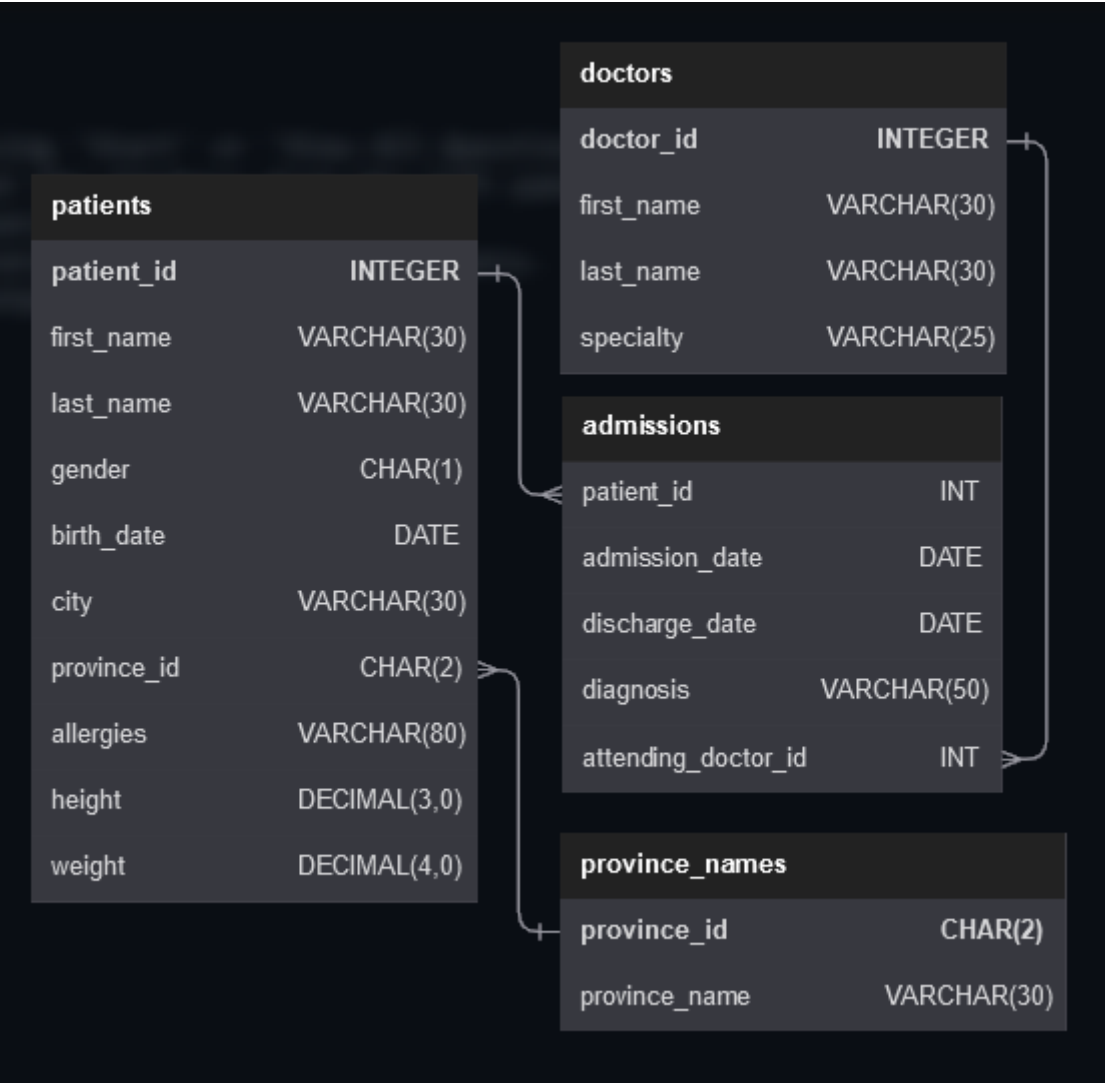


Esquema con modelo de Base de Datos a armar



Script con comandos para crear una base de datos, sus tablas y sus relaciones

```
-- Crear la base de datos
CREATE DATABASE hospital;
GO

-- Usar la base de datos
USE hospital;
GO

-- Crear la tabla province_names primero (porque será referenciada por patients)
CREATE TABLE province_names (
    province_id CHAR(2) PRIMARY KEY,
    province_name VARCHAR(30) NOT NULL
);
GO

-- Crear la tabla doctors (porque será referenciada por admissions)
CREATE TABLE doctors (
    doctor_id INTEGER PRIMARY KEY,
    first_name VARCHAR(30) NOT NULL,
    last_name VARCHAR(30) NOT NULL,
    specialty VARCHAR(25) NOT NULL
);
GO

-- Ahora crear la tabla patients que hace referencia a province_names
CREATE TABLE patients (
    patient_id INTEGER PRIMARY KEY,
    first_name VARCHAR(30) NOT NULL,
    last_name VARCHAR(30) NOT NULL,
    gender CHAR(1) NOT NULL,
    birth_date DATE NOT NULL,
    city VARCHAR(30),
    province_id CHAR(2) NOT NULL,
    allergies VARCHAR(80),
    height DECIMAL(3,0),
    weight DECIMAL(4,0),
    CONSTRAINT FK_patients_province FOREIGN KEY (province_id) REFERENCES
province_names(province_id)
);
GO

-- Finalmente, crear la tabla admissions que referencia a patients y doctors
CREATE TABLE admissions (
    patient_id INT NOT NULL,
    admission_date DATE NOT NULL,
    discharge_date DATE,
    diagnosis VARCHAR(50),
    attending_doctor_id INT NOT NULL,
    CONSTRAINT FK_admissions_patient FOREIGN KEY (patient_id) REFERENCES
```

```
patients(patient_id),  
    CONSTRAINT FK_admissions_doctor FOREIGN KEY (attending_doctor_id) REFERENCES  
doctors(doctor_id)  
);  
GO
```

Esquema final en SQL Server

