

```
--Create table Patient
DROP TABLE IF EXISTS Patient
CREATE TABLE Patient (
    PatientID INT PRIMARY KEY ,
    Name VARCHAR(100) NOT NULL,
    ContactNumber VARCHAR(15),
    Email VARCHAR(100) UNIQUE,
    InsuranceProvider VARCHAR(100),
    MedicalHistory TEXT
);
```

```
--Create TABLE Doctor
DROP TABLE IF EXISTS Doctor;
CREATE TABLE Doctor (
    DoctorID INT PRIMARY KEY ,
    Name VARCHAR(100) NOT NULL,
    Specialization VARCHAR(100),
    ContactNumber VARCHAR(15)
);
```

```
-- Create table Appointment
DROP TABLE IF EXISTS Appointment;
CREATE TABLE Appointment (
    AppointmentID INT PRIMARY KEY ,
    PatientID INT NOT NULL,
    DoctorID INT NOT NULL,
    Date DATE NOT NULL,
    Time TIME NOT NULL,
    Reason VARCHAR(255),
    FOREIGN KEY (PatientID) REFERENCES Patient(PatientID),
    FOREIGN KEY (DoctorID) REFERENCES Doctor(DoctorID),
    UNIQUE (PatientID, Date, Time)
);
```

```
--Create table Prescription
DROP TABLE IF EXISTS Prescription;
CREATE TABLE Prescription (
    PrescriptionID INT PRIMARY KEY ,
    AppointmentID INT NOT NULL,
    MedicationName VARCHAR(100) NOT NULL,
    Dosage VARCHAR(50),
    Instructions TEXT,
    FOREIGN KEY (AppointmentID) REFERENCES Appointment(AppointmentID)
);
```