|  |
| --- |
| **CREATE TABLE scripts** |
| **SQL Scripts to create table**  **-- Patients Table**  CREATE TABLE Patients (  PatientID INT AUTO\_INCREMENT PRIMARY KEY,  FirstName VARCHAR(50),  LastName VARCHAR(50),  DOB DATE,  Gender VARCHAR(10),  ContactNumber VARCHAR(15),  Email VARCHAR(100),  Address TEXT  );  **-- Doctors Table**  CREATE TABLE Doctors (  DoctorID INT AUTO\_INCREMENT PRIMARY KEY,  FirstName VARCHAR(50),  LastName VARCHAR(50),  Specialization VARCHAR(100),  ContactNumber VARCHAR(15),  Email VARCHAR(100)  );  **-- Appointments Table**  CREATE TABLE Appointments (  AppointmentID INT AUTO\_INCREMENT PRIMARY KEY,  PatientID INT,  DoctorID INT,  AppointmentDate TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,  Status VARCHAR(20) CHECK (Status IN ('Scheduled', 'Completed', 'Cancelled')),  FOREIGN KEY (PatientID) REFERENCES Patients(PatientID) ON DELETE CASCADE,  FOREIGN KEY (DoctorID) REFERENCES Doctors(DoctorID) ON DELETE CASCADE  );  **-- Medical Records Table**  CREATE TABLE MedicalRecords (  RecordID INT AUTO\_INCREMENT PRIMARY KEY,  PatientID INT,  DoctorID INT,  Diagnosis TEXT,  Prescription TEXT,  VisitDate TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,  FOREIGN KEY (PatientID) REFERENCES Patients(PatientID) ON DELETE CASCADE,  FOREIGN KEY (DoctorID) REFERENCES Doctors(DoctorID) ON DELETE CASCADE  );  **-- Billing Table**  CREATE TABLE Billing (  BillID INT AUTO\_INCREMENT PRIMARY KEY,  PatientID INT,  Amount DECIMAL(10,2),  PaymentStatus VARCHAR(20) CHECK (PaymentStatus IN ('Paid', 'Pending', 'Overdue')),  BillDate TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,  FOREIGN KEY (PatientID) REFERENCES Patients(PatientID) ON DELETE CASCADE  ); |
| **INSERT scripts** | |
| **-- Insert into Patients**  INSERT INTO Patients (FirstName, LastName, DOB, Gender, ContactNumber, Email, Address) VALUES  ('John', 'Doe', '1985-05-20', 'Male', '1234567890', '[john.doe@example.com](mailto:john.doe@example.com)', '123 Elm St, Springfield'),  ('Jane', 'Smith', '1990-08-15', 'Female', '9876543210', '[jane.smith@example.com](mailto:jane.smith@example.com)', '456 Maple Ave, Springfield');  **-- Insert into Doctors**  INSERT INTO Doctors (FirstName, LastName, Specialization, ContactNumber, Email) VALUES  ('Dr. Alice', 'Johnson', 'Cardiology', '5551234567', '[alice.johnson@example.com](mailto:alice.johnson@example.com)'),  ('Dr. Bob', 'Miller', 'Dermatology', '5557654321', '[bob.miller@example.com](mailto:bob.miller@example.com)');  **-- Insert into Appointments**  INSERT INTO Appointments (PatientID, DoctorID, AppointmentDate, Status) VALUES  (1, 1, '2024-02-15 10:00:00', 'Scheduled'),  (2, 2, '2024-02-16 14:30:00', 'Completed');  **-- Insert into MedicalRecords**  INSERT INTO MedicalRecords (PatientID, DoctorID, Diagnosis, Prescription, VisitDate) VALUES  (1, 1, 'Hypertension', 'Lisinopril 10mg daily', '2024-02-15 10:30:00'),  (2, 2, 'Acne', 'Topical Clindamycin', '2024-02-16 15:00:00');  **-- Insert into Billing**  INSERT INTO Billing (PatientID, Amount, PaymentStatus, BillDate) VALUES  (1, 200.00, 'Paid', '2024-02-15 11:00:00'),  (2, 150.00, 'Pending', '2024-02-16 16:00:00'); | |