```sql
CREATE TABLE Person (
PersonID INTEGER NOT NULL,
Fname CHAR(35) NOT NULL,
Lname CHAR(35) NOT NULL,
SSN INTEGER NOT NULL,
DateOfBirth DATE NOT NULL,
BiologicalSex CHAR(8) NOT NULL,
PhoneNumber INTEGER NOT NULL,
PRIMARY KEY (PersonID)
);

CREATE TABLE InsuranceCompany (
CompanyID INTEGER NOT NULL,
CompanyName VARCHAR(35) NOT NULL,
CompanyEmail VARCHAR(254) NOT NULL,
CompanyPhone INTEGER NOT NULL,
PRIMARY KEY (CompanyID)
);

CREATE TABLE Zipcode (
Zipcode INTEGER NOT NULL,
State CHAR(2) NULL,
City VARCHAR(60) NOT NULL,
PRIMARY KEY (Zipcode)
);

CREATE TABLE Address (
AddressID INTEGER NOT NULL,
StreetAddress VARCHAR NOT NULL,
Zipcode INTEGER NOT NULL,
CompanyID INTEGER NULL,
FOREIGN KEY (CompanyID) REFERENCES Company(CompanyID) ON UPDATE CASCADE,
FOREIGN KEY (Zipcode) REFERENCES Zipcode(Zipcode) ON UPDATE CASCADE,
PRIMARY KEY (AddressID)
);

CREATE TABLE Patient (
PatientID INT NOT NULL PRIMARY KEY,
LastSignedHIPPAA DATE NULL,
LastXRay DATE NULL
);
```

```sql
CREATE TABLE InsurancePlan (
PlanID INTEGER NOT NULL,
InsurancePlanType VARCHAR(50) NULL,
ActiveDate DATE NULL,
GroupNumber INT NOT NULL,
CompanyID INT NOT NULL,
PatientID INT NOT NULL,
FOREIGN KEY(PatientID) REFERENCES Patient(PatientID) ON UPDATE CASCADE
FOREIGN KEY (CompanyID) REFERENCES InsuranceCompany(CompanyID) ON UPDATE CASCADE,
PRIMARY KEY (PlanID)
);




CREATE TABLE Employee (
EmployeeID INT NOT NULL PRIMARY KEY,
MedicalFlag BOOLEAN NOT NULL,
Specialty VARCHAR(50) NULL,
FOREIGN KEY(EmployeeID) REFERENCES Person(PersonID) ON UPDATE CASCADE
);




CREATE TABLE Payment (
PaymentID INT NOT NULL PRIMARY KEY,
PaymentDate DATE NOT NULL,
Amount DECIMAL(10,2) NOT NULL,
PaymentType VARCHAR(50) NOT NULL,
Currency VARCHAR(10) NULL,
PatientID INT NOT NULL,
FOREIGN KEY(PatientID) REFERENCES Patient(PatientID)
ON UPDATE CASCADE
);

CREATE TABLE Licensure (
LicenseNumber INT NOT NULL PRIMARY KEY,
LicenseType VARCHAR(50) NOT NULL,
ExpirationDate DATE NULL,
LicenseStatus VARCHAR(50) NOT NULL,
MedicalID INT NOT NULL,
FOREIGN KEY(MedicalID) REFERENCES Employee(EmployeeID) ON UPDATE CASCADE
);
```

```sql
CREATE TABLE Appointment (
ApptID INT PRIMARY KEY NOT NULL,
ApptDate DATE NOT NULL,
Status VARCHAR(50) NOT NULL,
ReasonForVisit VARCHAR(100) NOT NULL,
PatientID INT NOT NULL,
FOREIGN KEY(PatientID) REFERENCES Patient(PatientID) ON UPDATE CASCADE
);

CREATE TABLE Invoice (
InvoiceID INT PRIMARY KEY NOT NULL,
BillingDate DATE NOT NULL,
Amount DECIMAL(10,2) NOT NULL,
ApptID INT NOT NULL,
MedicalID INT NOT NULL,
FOREIGN KEY(ApptID) REFERENCES Appointment(ApptID) ON UPDATE CASCADE,
FOREIGN KEY(MedicalID) REFERENCES Employee(EmployeeID) ON UPDATE CASCADE
);

CREATE TABLE CheckingAccount (
PaymentID INT NOT NULL,
AccountNo INT NOT NULL,
CheckNo VARCHAR(50) NOT NULL,
FOREIGN KEY(PaymentID) REFERENCES Payment(PaymentID) ON UPDATE CASCADE
);


CREATE TABLE CheckInfo (
AccountNo INT NOT NULL PRIMARY KEY,
RoutingNo VARCHAR(50) NOT NULL
);


CREATE TABLE CreditAccount (
PaymentID INT NOT NULL,
CardNo VARCHAR(50) NOT NULL,
FOREIGN KEY(PaymentID) REFERENCES Payment(PaymentID) ON UPDATE CASCADE
);


CREATE TABLE CreditCardInfo (
CardNo VARCHAR(50) NOT NULL PRIMARY KEY,
```

```sql
CardholderName VARCHAR(50) NOT NULL,
SecurityCode INT NOT NULL,
ExpirationDate DATE NOT NULL
);


CREATE TABLE NonMedical_Languages (
EmployeeID INT NOT NULL,
LanguagesSpoken VARCHAR(100) NOT NULL,
FOREIGN KEY(EmployeeID) REFERENCES Person(PersonID) ON UPDATE CASCADE
);
CREATE TABLE InsurancePlan_Procedure (
PlanID INT NOT NULL,
ProcedureID INT NOT NULL,
PercentCovered VARCHAR(50)NOT NULL,
FOREIGN KEY(PlanID) REFERENCES InsurancePlan(PlanID) ON UPDATE CASCADE,
FOREIGN KEY(ProcedureID) REFERENCES Procedure(ProcedureID) ON UPDATE CASCADE
);
CREATE TABLE Licensure_Procedure (
LicenseNumber INT NOT NULL,
ProcedureID INT NOT NULL,
FOREIGN KEY(LicenseNumber) REFERENCES Licensure(LicenseNumber) ON UPDATE CASCADE,
FOREIGN KEY(ProcedureID) REFERENCES Procedure(ProcedureID) ON UPDATE CASCADE
);




CREATE TABLE Procedure_Invoice (
ProcedureID INT NOT NULL,
InvoiceID INT NOT NULL,
Qty INT NOT NULL,
FOREIGN KEY(ProcedureID) REFERENCES Procedure(ProcedureID) ON UPDATE CASCADE,
FOREIGN KEY(InvoiceID) REFERENCES InvoiceDate(InvoiceID) ON UPDATE CASCADE
);






CREATE TABLE Invoice_Payment (
```

```sql
InvoiceID INT NOT NULL,
PaymentID INT NOT NULL,
InvoiceStatus VARCHAR(50) NOT NULL,
FOREIGN KEY(InvoiceID) REFERENCES InvoiceDate(InvoiceID) ON UPDATE CASCADE,
FOREIGN KEY(PaymentID) REFERENCES Payment(PaymentID) ON UPDATE CASCADE
);


CREATE TABLE Patient_Medication (
PatientID INT NOT NULL,
MedicationID INT NOT NULL,
PrescripStart DATE NOT NULL,
PrescripEnd DATE NULL,
FOREIGN KEY(PatientID) REFERENCES Patient(PatientID) ON UPDATE CASCADE,
FOREIGN KEY(MedicationID) REFERENCES Medication(MedicationID) ON UPDATE CASCADE
);


CREATE TABLE Patient_Allergy (
PatientID INT NOT NULL,
AllergyID INT NOT NULL,
FOREIGN KEY(PatientID) REFERENCES Patient(PatientID) ON UPDATE CASCADE,
FOREIGN KEY(AllergyID) REFERENCES Allergy(AllergyID) ON UPDATE CASCADE
);


CREATE TABLE Patient_MedicalCondition (
PatientID INT NOT NULL,
ConditionID INT NOT NULL,
DiagnosisDate DATE NOT NULL,
FOREIGN KEY(PatientID) REFERENCES Patient(PatientID) ON UPDATE CASCADE,
FOREIGN KEY(ConditionID) REFERENCES MedicalCondition(ConditionID) ON UPDATE CASCADE
);


CREATE TABLE Person_Address (
PersonID INT NOT NULL,
AddressID INT NOT NULL,
AddressStatus VARCHAR(50) NOT NULL,
FOREIGN KEY(PersonID) REFERENCES Person(PersonID) ON UPDATE CASCADE,
FOREIGN KEY(AddressID) REFERENCES Address(AddressID) ON UPDATE CASCADE
```

```sql
);


CREATE TABLE EmergencyContact_Patient (
EmergencyPersonID INT NOT NULL,
PatientID INT NOT NULL,
Relationship VARCHAR(50) NOT NULL,
ModeOfContact VARCHAR(10) NOT NULL DEFAULT "Text",
FOREIGN KEY(EmergencyPersonID) REFERENCES Person(EmergencyPersonID) ON UPDATE CASCADE,
FOREIGN KEY(PatientID) REFERENCES Address(PatientID) ON UPDATE CASCADE
);


CREATE TABLE Procedure (
ProcedureID INTEGER NOT NULL,
UnitCharge INTEGER NOT NULL,
RecoveryLength INTEGER NOT NULL,
ProcedureType VARCHAR(20) NOT NULL,
ProcedureDate DATE NOT NULL,
PRIMARY KEY (ProcedureID)
);


CREATE TABLE Allergy (
AllergyID INTEGER NOT NULL,
Allergen VARCHAR(20) NOT NULL,
AllergyType VARCHAR(10) NOT NULL,
Severity CHAR(8) NOT NULL,
PRIMARY KEY (AllergyID)
);


CREATE TABLE Medication (
MedicationID INTEGER NOT NULL,
DrugName VARCHAR(20) NOT NULL,
MedicationType VARCHAR(20) NOT NULL,
Dosage INTEGER NOT NULL,
PRIMARY KEY (MedicationID)
);


CREATE TABLE MedicalCondition (
```

```sql
ConditionID INTEGER NOT NULL,
ConditionName VARCHAR(20) NOT NULL,
PRIMARY KEY (ConditionID)
);
```