Users(UID: Integer, FirstName: String, LastName: String, Security Level: Integer, Password: String, Email: String, PhoneNumber: String, Gender: Char)

Medical Staff(UID: Integer, Type: String)
Foreign Key (UID) references Users

Patients(UID: Integer, Address: String, Income: Integer, SSN: String, Birthday: Date, Age: Integer)
Foreign Key (UID) references Users
Age is a derived attribute we can calculate age by date of birth.

MakesAppointment(AID: Integer, Patient.UID: Integer, Time: String, DMY: DATE)
Foreign Key (Patient.UID) references Users

HasAppointment(AID: Integer, Patient.UID: Integer, Medica Staff.UID)
Foreign Key (AID) references Appointment,
Foreign Key (Patient.UID) references Patient,
Foreign Key (Medical Staff.UID) references MedicalStaff

Treatment Plan (TPID: Integer, TreatmentType: String, Price Due: Double)

HasTreatment Plan(TPID: Integer, Patient.UID: Integer)
Foreign Key (TPID) references TreatmentPlan,
Foreign Key (Patient.UID) references Patient

AssignsTreatment Plan(TPID: Integer, MedicalStaff.UID: Integer)
Foreign Key (TPID) references TreatmentPlan,
Foreign Key (MedicalStaff.UID) references MedicalStaff

Medicines(MID: Integer, Name: String, Quantities: Integer, Price: Integer)

Uses Medicines(MID: Integer, TPID: Integer)
Foreign Key (MID) references Medicines,
Foreign Key (TPID) references TreatmentPlan

Room(Room#: Integer)

UsesRoom(Room#: Integer, Patient.UID: Integer)
Foreign Key (Room#) references Room,
Foreign Key (Patient.UID) references Patient

OverseesRoom(Room#: Integer, MedicalStaff.UID: Integer)
Foreign Key (Room#) references Room,
Foreign Key (MedicalStaff.UID) references MedicalStaff

Financial Data(<u>Patient.UID: Integer</u>, Tax:Integer, Insurance: String, Benefits: String)
Foreign Key (Patient.UID) references Patient

Influences(<u>Patient.UID: Integer</u>, <u>TPID: Integer</u>)
Foreign Key (Patient.UID) references Patient
Foreign Key (TPID) references TreatmentPlan