

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

MedicalStaff(UID: Integer, StaffType: String)

Foreign Key (UID) references Users

Patients(UID: Integer, StreetNum: Integer, StreetName: String, City: String, State: Char, ZipCode: Integer, Income: Integer, SSN: String, BirthDate: 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, AppTime: String, DMY: DATE)

Foreign Key (Patient.UID) references Users

HasAppointment(AID: Integer, Patient.UID: Integer, MedicalStaff.UID)

Foreign Key (AID) references Appointment,

Foreign Key (Patient.UID) references Patient,

Foreign Key (Medical Staff.UID) references MedicalStaff

TreatmentPlan(TPID: Integer, TreatmentType: String, PriceDue: Integer)

HasTreatmentPlan(TPID: Integer, Patient.UID: Integer)

Foreign Key (TPID) references TreatmentPlan,

Foreign Key (Patient.UID) references Patient

AssignsTreatmentPlan(TPID: Integer, MedicalStaff.UID: Integer)

Foreign Key (TPID) references TreatmentPlan,

Foreign Key (MedicalStaff.UID) references MedicalStaff

Medicines(MDID: Integer, MedName: String, Quantities: Integer, Price: Integer)

UsesMedicines(MDID: Integer, TPID: Integer)

Foreign Key (MID) references Medicines,

Foreign Key (TPID) references TreatmentPlan

Room(Room#: Integer, Patient.UID: Integer, MedicalStaff.UID)

Foreign Key (Patient.UID) references Patient,

Foreign Key (MedicalStaff.UID) references MedicalStaff

FinancialData(Patient.UID: Integer, Tax: Integer, Insurance: String, Benefits: String)

Foreign Key (Patient.UID) references Patient

Influences(Patient.UID: Integer, TPID: Integer)

Foreign Key (Patient.UID) references Patient

Foreign Key (TPID) references TreatmentPlan