

CSCI 521 Group #4 Project Relation Schema

Users(User_ID, Name, Address, Phone, DOB)

Patients(User_ID, Provider, Gender, Height, Weight, Race, Blood_Type, Insurance, Age, Recent_Visit)

FK User_ID references Users(User_ID)

HealthcareProfessional(User_ID, Password, Username, Title, Privileges)

FK User_ID references Users(User_ID)

Treats(Patient_ID, Doctor_ID)

FK Patient_ID references Users(User_ID)

FK Doctor_ID references Users(User_ID)

Conditions(Patient_ID, Doctor_ID, Condition_ID, ConditionName, Treatment, DataDiagnosed)

FK Patient_ID references Users(User_ID)

FK Doctor_ID references Users(User_ID)

Documents(Patient_ID, Doctor_ID, Document_ID, Data_Created)

FK Patient_ID references Users(User_ID)

FK Doctor_ID references Users(User_ID)

Risks(Patient_ID, Doctor_ID, Document_ID, Risk_ID, Type, Severity)

FK Document_ID references Documents(Document_ID)

FK Patient_ID references Users(User_ID)

FK Doctor_ID references Users(User_ID)

Results(Document_ID, Patient_ID, Doctor_ID, Result_ID, Test_Name, Result, Measurement, N_Range_Low, N_Range_High)

FK Document_ID references Documents(Document_ID)

FK Patient_ID references Users(User_ID)

FK Doctor_ID references Users(User_ID)

Document_1(Patient_ID, Doctor_ID, Document_ID, Citrate, Cis_Aconitate, Isocitrate, a-Ketoglutarate, Succinate, Fummarate, Malate, Lactate, Pyuvate)

FK Document_ID references Documents(Document_ID)

FK Patient_ID references Users(User_ID)

FK Doctor_ID references Users(User_ID)

Document_2(Patient_ID, Doctor_ID, Document_ID, a-Ketoisovalerate, a-Ketoisocaporate, a-Keto-b-Mentyl, Menthylmalonate, Hydroxymethyl, b-Hydroxyiso)

FK Document_ID references Documents(Document_ID)

FK Patient_ID references Users(User_ID)

FK Doctor_ID references Users(User_ID)

Document_3(Patient_ID, Doctor_ID, Document_ID, p-Hydroxy, 2Methyl, Ocotate, Pygrgiumate, Sulfate Ratio, Glucarate)

FK Document_ID references Documents(Document_ID)

FK Patient_ID references Users(User_ID)

FK Doctor_ID references Users(User_ID)

Document_4(Patient_ID, Doctor_ID, Document_ID, Sodium, Potassium, Chloride, CO2, A/G, Glucose, Bun, Creat, Protein, Calcium)

FK Document_ID references Documents(Document_ID)

FK Patient_ID references Users(User_ID)

FK Doctor_ID references Users(User_ID)