**Step1: Group FD’s**

PatNo -> PatAge, PatZip9

PatZip9 ->PatCity

VisitNo -> VisitDate, PatNo

ProvNo -> ProvSpeciality, ProvEmail

ProvEmail -> ProvNo

VisitNo, ProvNo -> Diagnosis

**Step2: Define Tables**

Patient ( PatNo, PatAge,

PatZip9(FK) references PatientAddress(PatZip9) )

PatientAddress ( PatZip9, PatCity )

Visits ( VisitNo, VisitDate,

PatNo(FK) references Patient(PatNo) )

Provs ( ProvNo, ProvSpeciality,

ProvEmail(FK) references ProvMail(ProvEmail) )

ProvMail ( ProvEmail,

ProvNo(FK) references Provs(ProvNo) )

Diagnose ( VisitNo, ProvNo, Diagnosis

VisitNo(FK) references Visits(VisitNo),

ProvNo(FK) references Provs(ProbNo) )

**Step3: Merge Tables**

Patient ( patNo, patAge, PatZip9, PatCity )

Visits ( VisitNo, VisistDate,

PatNo(FK) references Patient(PatNo) )

Provs ( ProvNo, ProvSpeciality, ProvEmail )

Diagnose ( VisitNo, ProvNo, Diagnosis

VisitNo(FK) references Visits(VisitNo),

ProvNo(FK) references Provs(ProvNo) )