Problem2

Step1

PatNo → PatAge, PatZip9

PatZip9 → Patcity

VisitNo → VisitDate, PatNo

ProvNo → ProvSpeciality, ProvEmail

VisitNo, ProvNo → Diagonisis

ProvEmail → ProvNo

Step 2

Patient (PatNo, PatAge, PatZip9)

Foreign Key PatZip9 references PatientZip

PatientZip (PatZip9, PatCity, PatNo)

Foreign Key PatNo references Patient

Visit (VisitNo, VisitDate, PatNo)

Foreign Key PatNo references Patient

Provision (ProvNo, ProvSpeciality, ProvEmail)

VisitProv (VisitNo, ProvNo, Diagonisis)

Foreign Key VisitNo references Visit

Foreign Key ProvNo references Provision

ProvMail (ProvEmail, ProvNo)

Foreign Key ProvNo references Provision

Step 3

Patient (PatNo, PatAge, PatZip9, PatCity)

Unique PatZip9

Visit (VisitNo, VisitDate, PatNo)

Foreign Key PatNo references Patient

Provision (ProvNo, ProvSpeciality, ProvEmail)

VisitProv (VisitNo, ProvNo, Diagonisis)

Foreign Key VisitNo references Visit

Foreign Key ProvNo references Provision