

Step 1: Regular Entities

Guardian	
PK	<u>Guard ID</u>
	Name
	Address
	Phone
	Email

Patient	
PK	<u>PID</u>
	First
	Last
	Address
	Phone
	Ins_Num
	DOB

Department	
PK	<u>Dep_ID</u>
	Name

Employee	
PK	<u>Emp_ID</u>
	Name
	Info
	Pay_Type

Insurance Providers	
PK	<u>Insurer_ID</u>
	Name

Intake Clerk	
PK	<u>SSN</u>

Service Provider	
PK	<u>SSN</u>

Nurse	
PK	<u>SSN</u>

Step 2: Weak Entities

Guardian	
PK	<u>Guard ID</u>
	Name Address Phone Email

Patient	
PK	<u>PID</u>
	First Last Address Phone Ins_Num DOB

Department	
PK	<u>Dep_ID</u>
	Name

Employee	
PK	<u>Emp_ID</u>
	Name Info Pay_Type

Insurance Providers	
PK	<u>Insurer_ID</u>
	Name

Vital Records	
FK	<u>NSSN</u>
FK	<u>PID</u> Medications Height Temp Weight Symptoms Blood_Press

Diagnosis	
PK	<u>ICD-10-CM</u>
FK	<u>Patient_ID</u>
FK	<u>ServPro_SSN</u> Name

Emergency Contact	
PK	<u>Emer_ID</u>
	Name Address Phone Email

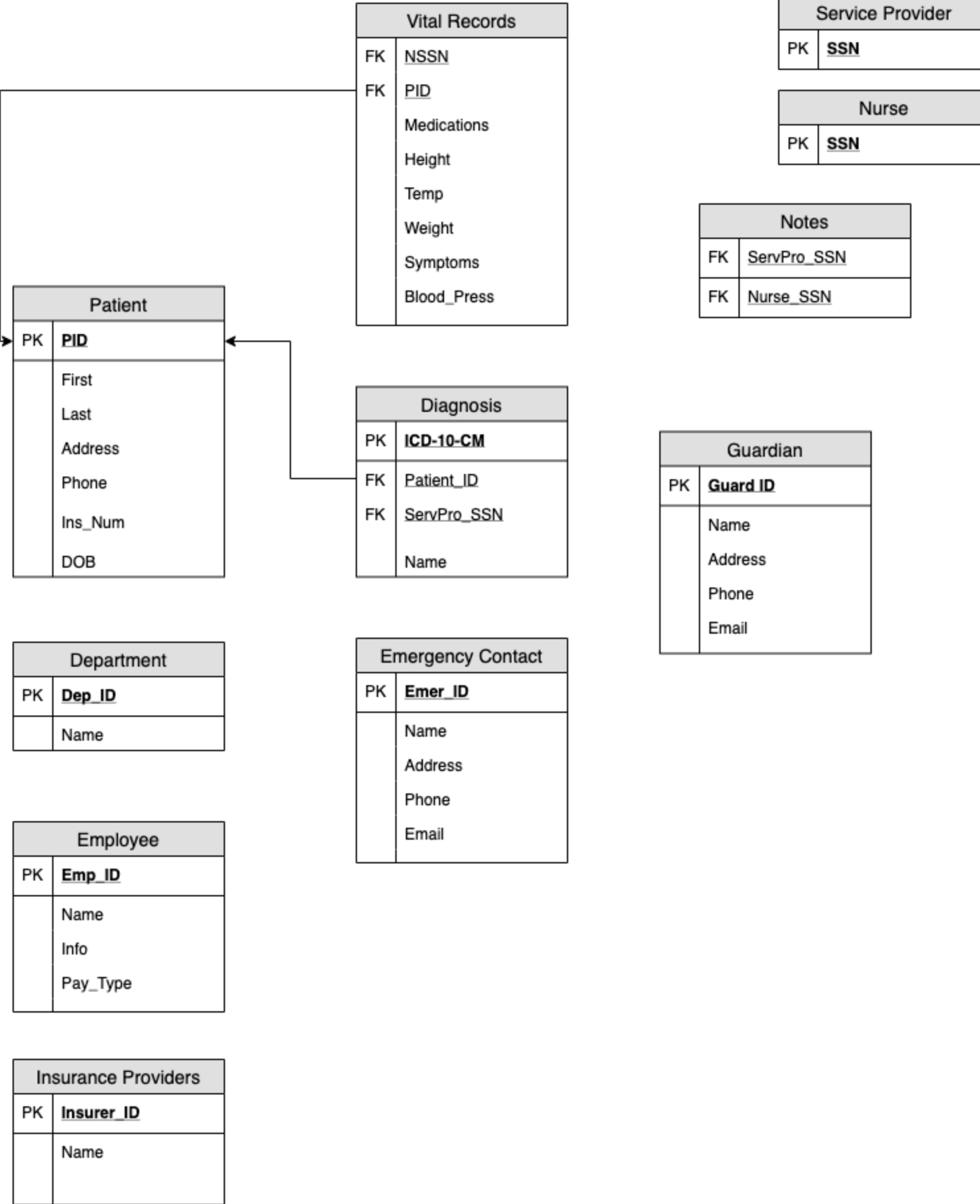
Notes	
FK	<u>ServPro_SSN</u>
FK	<u>Nurse_SSN</u>

Intake Clerk	
PK	<u>SSN</u>

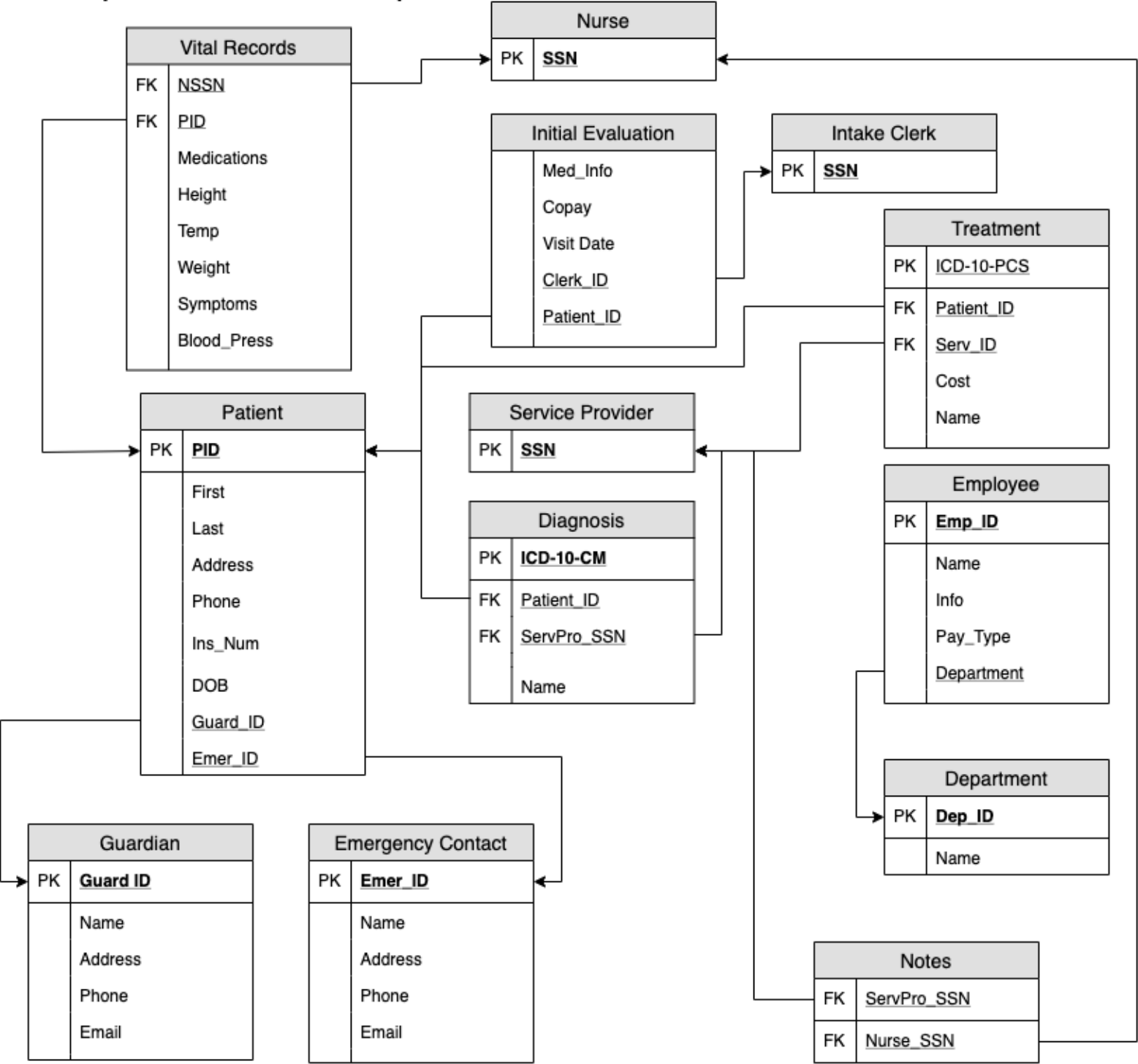
Service Provider	
PK	<u>SSN</u>

Nurse	
PK	<u>SSN</u>

Step 3: 1:1 Relationships

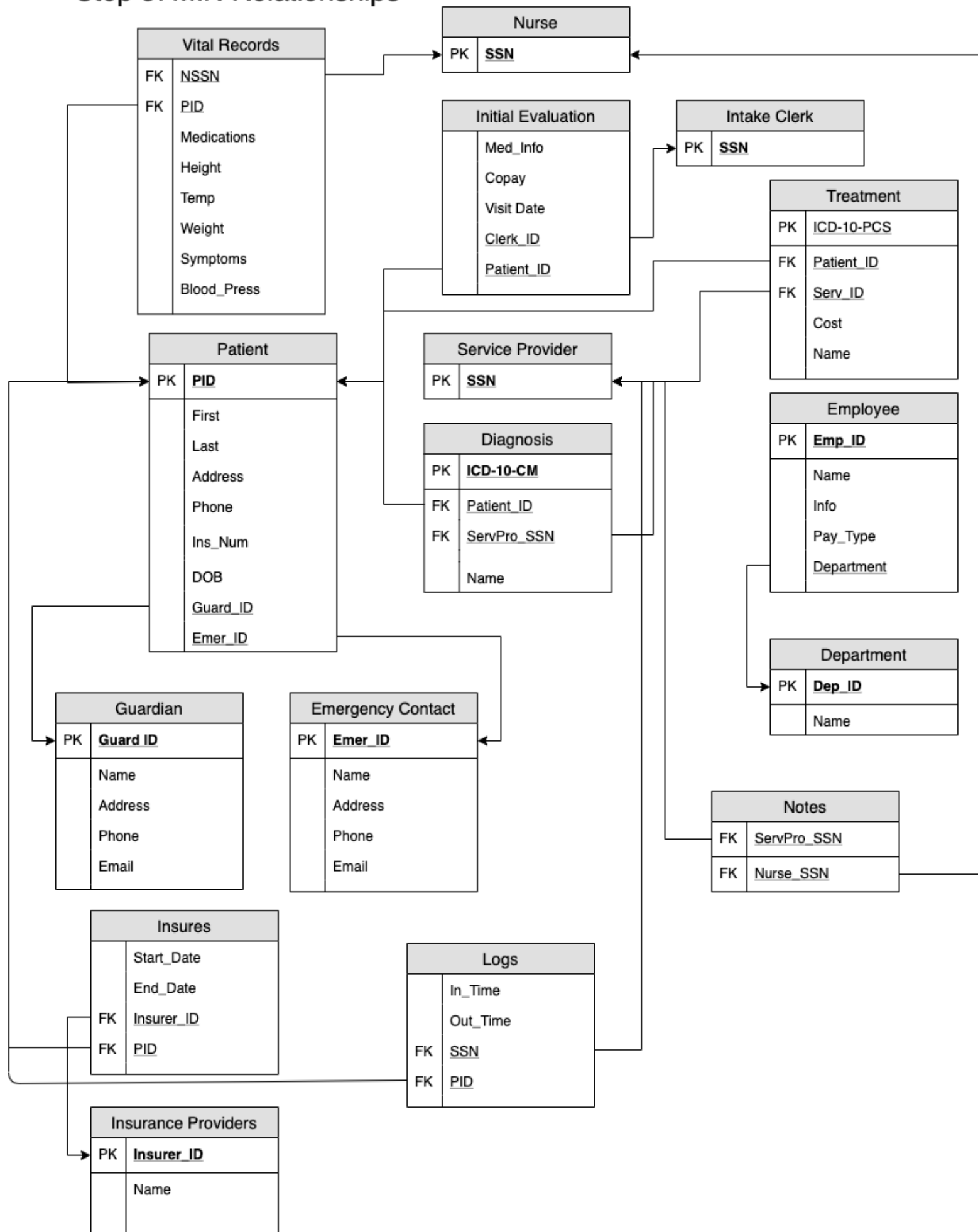


Step 4: 1:N Relationships

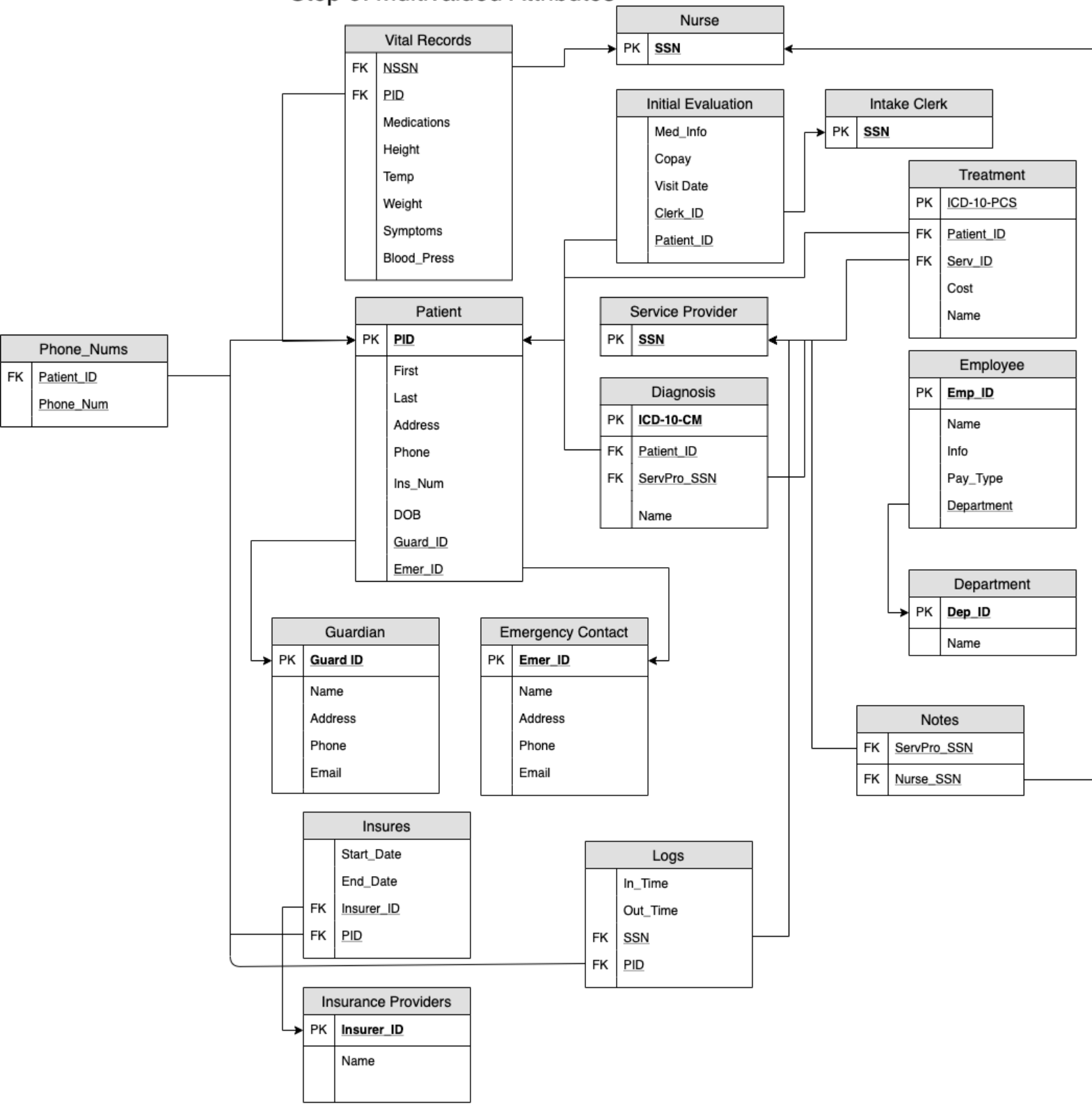


Insurance Providers	
PK	<u>Insurer_ID</u>
	Name

Step 5: M:N Relationships

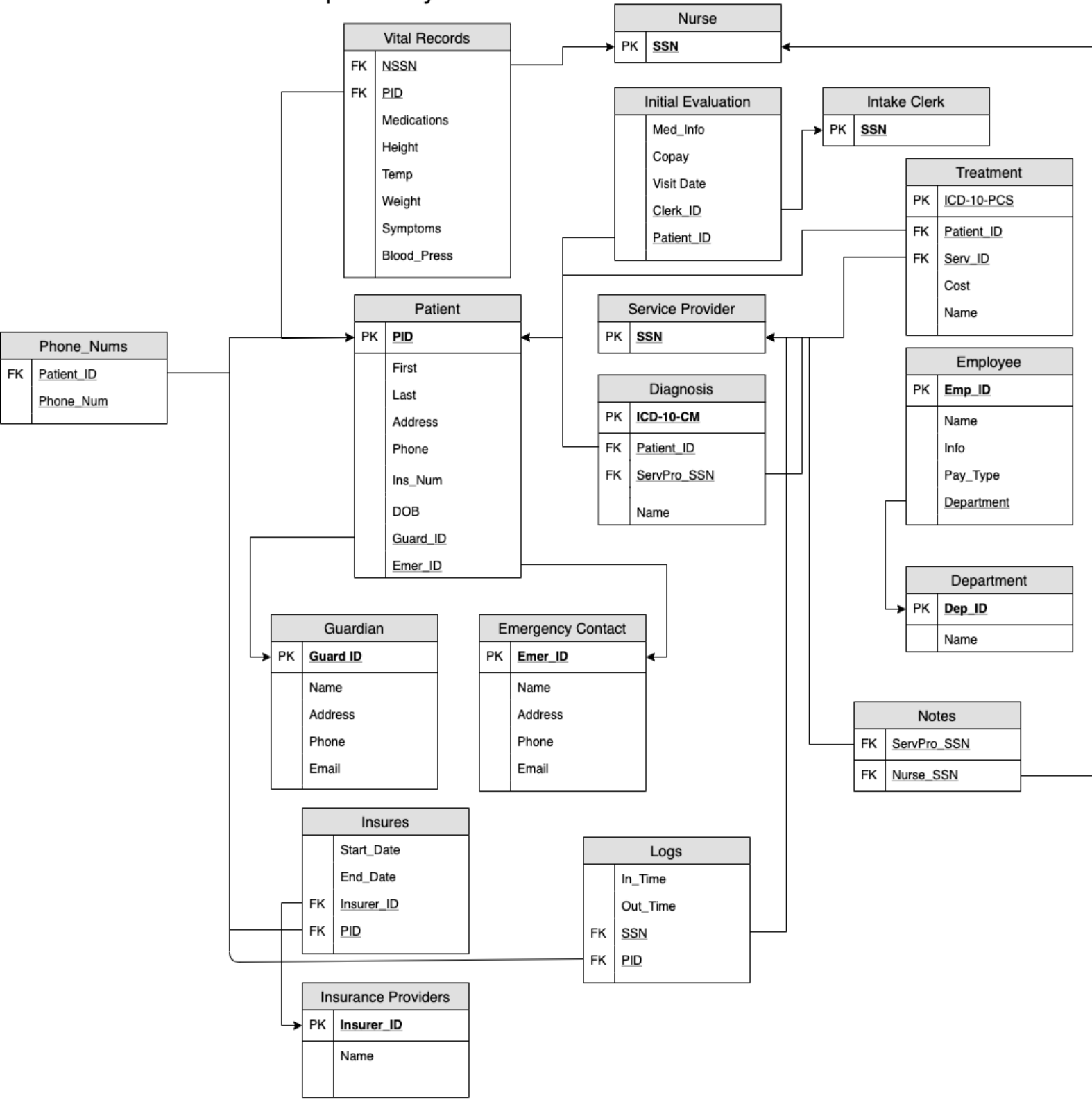


Step 6: Multivalued Attributes

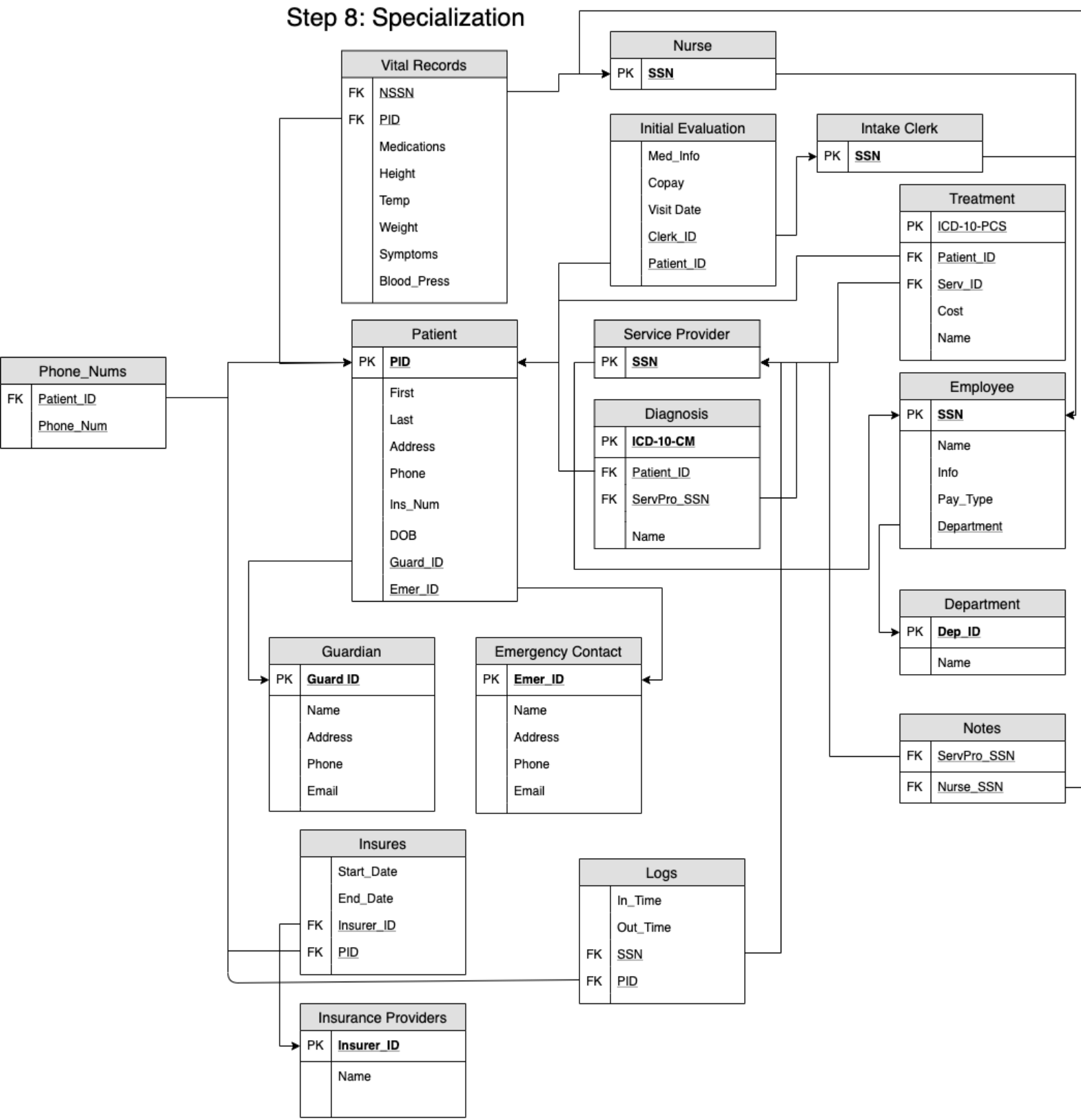


Step 7: N-ary

* There are no N-Ary relationships in our schema, so we don't have to do anything in this step



Step 8: Specialization



* There are no N-Ary relationships in our schema, so we don't have to do anything in this step

Step 9: Union Types

