



Assumes a Technician, a Nurse or a Staff is considered a Person, inherited from Employee who inherited from Person. Also assumes the first ID in the sets is the primary key of the table.

A PERSON **has one or more** PERSONROLE **within one or more** CLINIC(s)

A CLINIC **has one or more** PERSON(s)

An EMPLOYEE **has one** CLINICRECORD

A CLINICRECORD **has many** EMPLOYEE(s)

A PHYSICIAN **is a subtype of** PERSON

A PATIENT **is a subtype of** PERSON

A VOLUNTEER **is a subtype of** PERSON

An EMPLOYEE **is a subtype of** PERSON

A TECHNICIAN **is a subtype of** EMPLOYEE

A NURSE **is a subtype of** EMPLOYEE

A STAFF **is a subtype of** EMPLOYEE

A LABORATORY **has one or more** TECHNICIAN

A TECHNICIAN **has one or more** LABORATORY

A NURSE **is assigned to**

One NURSE **may be assigned to be in charge of a** CARECENTER

A CARECENTER **has one** NURSE **in charge**

A PHYSICIAN **is assigned to none, one or many** PATIENTS

A PATIENT **is referred to the clinic by one** PHYSICIAN

A PHYSICIAN **performs** TREATMENTS **to none, one or many** PATIENTS

A PATIENT **receives** TREATMENTS **from one or many** PHYSICIAN

A TREATMENT **records one** TREATMENT

A PATIENT **is admitted to one or no** CARECENTER

A PATIENT **has one or no** STAYHISTORY

A STAYHISTORY **records one** PATIENT's stays

A VISIT **records the** (out)PATIENTS VISIT

An (out)PATIENT **has none, one or more** VISITS

A PATIENT **has one** PHYSICIAN

An (in)PATIENT **has one** BED

A BED **has no or one** (in)PATIENT

A CARECENTER **has many** BEDs

A CARECENTER **keeps track of many** CLINICRECORDs

A CLINICRECORD **is associated with one** CARECENTER

A CARECENTER **has many** PHYSICIANS

A CARECENTER **has many** NURSES

A CARECENTER **has one** NURSE in charge

A MEDICATION **belongs to none, one or many** TREATMENT

An ITEM **belongs to none, one or many** TREATMENT

A TREATMENT **has none, one or many** MEDICATIONs

A TREATMENT **has none, one or many** ITEMs