TestRecord

testDate

testResult

testPlace

Medicine

typeOfMedicine

dosageOfMedicine

1 .. *   TestedBy ▶   3 .. *

Medicine

identificationNumber (PK)

name

activeIngredient

1 .. *

ResultsIn

1 .. 1

MedicalProcedure

identificationNumber (PK)

name

doneOn ▶

10 .. *   100 .. *

Testee

nationalInsuranceNumber(PK)

homeAddress

gender

age

{Optional} ◁

Allergy

allergicMedicine

0 .. *

TakesPlaceIn ▼

1 .. *

MedicalLAb

name

address

phoneNumber

{Optional}

ListofMedicalProcedure

medicalProcedureCanBeDone

{Mandatory, AND}

Liquid

mlPerBottle

sugarAdded

Pill

pillsPerBox

dissolvable

Drops

dropsPerBottle

usageArea

Injections

mlPerBottle

injectedArea

100 .. *

SuperviseOn ▲

1 .. *

Tester

staffNumber(PK)

officeAddress

email

nationalInsuranceNumber

homeAddress

Assumptions :-
1. In Medicine using "AND", as each medical procedure can have various different dosages and types of medicine and also each medicine can be given in various forms.
2. Also, using a separate attribute for relationship as 'type of medicine' and 'dosage of medicine' will have multiple values for each medical procedure.
3. In medicalProcedure to Testee, using '100 .. *' as multiplicity, assuming each medical procedure should have atleast 100 testees.
4. Since any medical lab is capable of multiple medical procedure so making a seperate subclass for that.
5. Since any testee can have more than 1 allergy, so made a subclass for Allergy there.
6. Each medical procedure can be performed more than once but any test record will be unique for only one medical procedure.
7. Assuming there can be one or more tester in any medical procedure so, one or more will supervise each testee in a medical procedure. Also, since we assumed any medical procedure should have atleast 100 testees so multiplicity will be "100 .. *" from testee to tester.