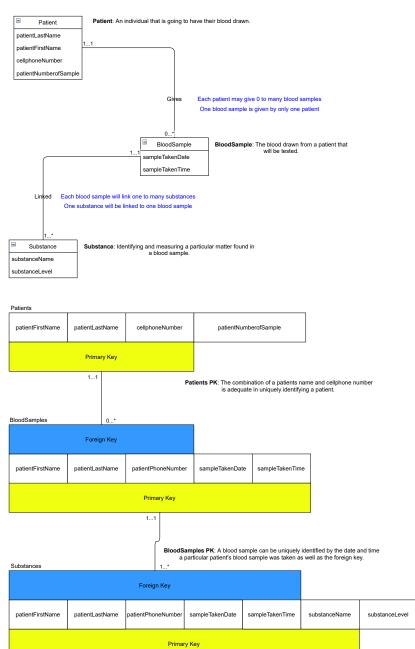
2/15/2021 Hw#4.drawio

Nhan Vo Brandon Ormeno Amir Hammoud



Substance PK: A substance can be uniquely identified by simply the name of said substance as well as the foreign key. It cannot be mistaken for another substance because no other substance will have the same name of a substance.

SELECT patientFirstName, patientLastName, sampleTakenDate, sampleTakenTime FROM Patients
Natural Join BloodSample
Natural Join Substance
WHERE substanceName='UbL cholesteroi' AND substanceLevel>160;

Π patientFirstName, patientLastName, sampleTakenDate, sampleTakenTime

σsubstatanceName='LDL cholesterol' and substatanceLevel>160 (Patient×BloodSample×Substance)