CECS 323 Blood Work Definitions

* Patient
  + An individual at the medical institution who comes in for various medical services
* Blood Sample
  + A sample of blood taken from a patient to test for content of any various substance and the levels it contents within the volumetric sample

CECS SQL

SELECT patientName, sampleTime, sampleDate

FROM bloodSample

WHERE substanceTestedFor = ‘LDL cholesterol’ AND amountOfSubstance > 160

CECS Relational Algebra

πpatientName,sampleTime,sampleDate(σ substanceTestedFor=’LDL cholesterol’ ^ amountOfSubstance > 160(bloodSample))