

Delroy Mathieson

LAB 9

1.

People → pid, firstName, lastName, age

Engineers → pid, hiDegree, favGame

Astronauts → pid, yrsFlying, golfHandi, spouseName

FCO → pid, chairPreference, preferDrink, recHangOverCure

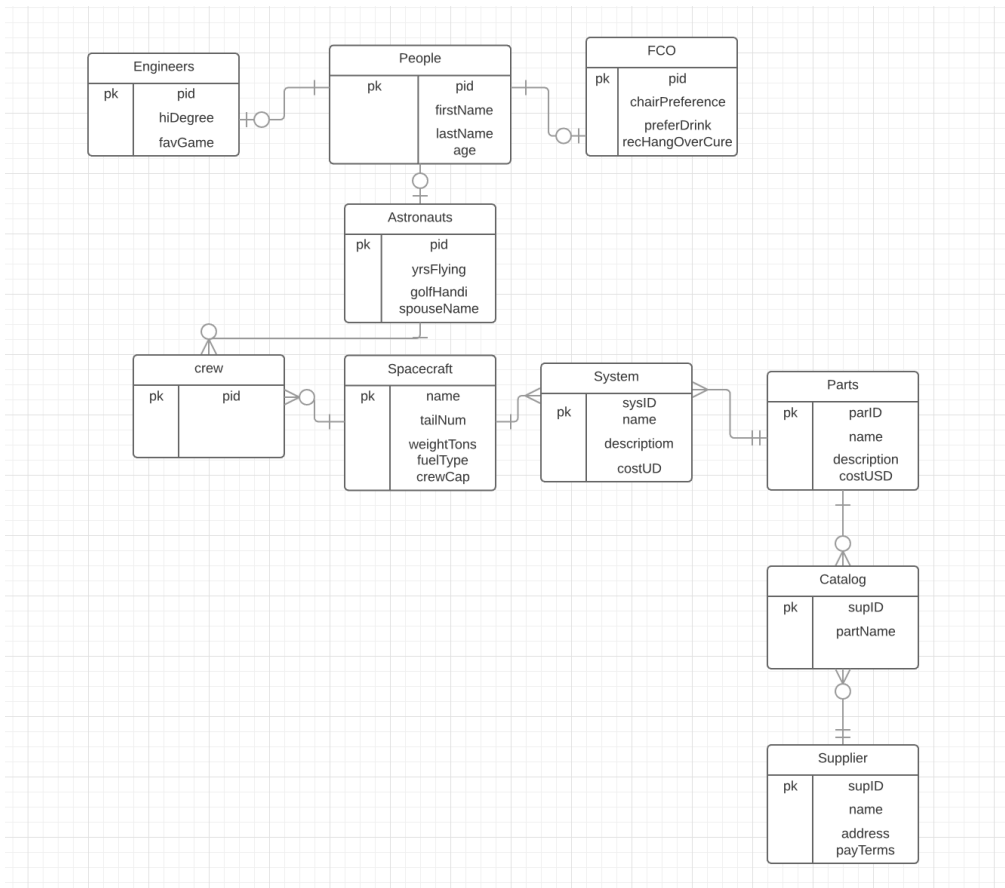
Spacecraft → name, tailNum, weightTons, fuelType, crewCap

Systems → sysID, description, costUSD

Parts → partID, name, description, costUSD

Supplier → supID, name, address, payTerms

2.



3. The database is currently in 3NF. The database is in 1NF because the domain of each attribute contains atomic values. There's only one primary key in all the tables therefore, it is in 2NF because there are no multiple key dependencies. Finally, the database is in 3NF because it is in 1NF and 2NF.