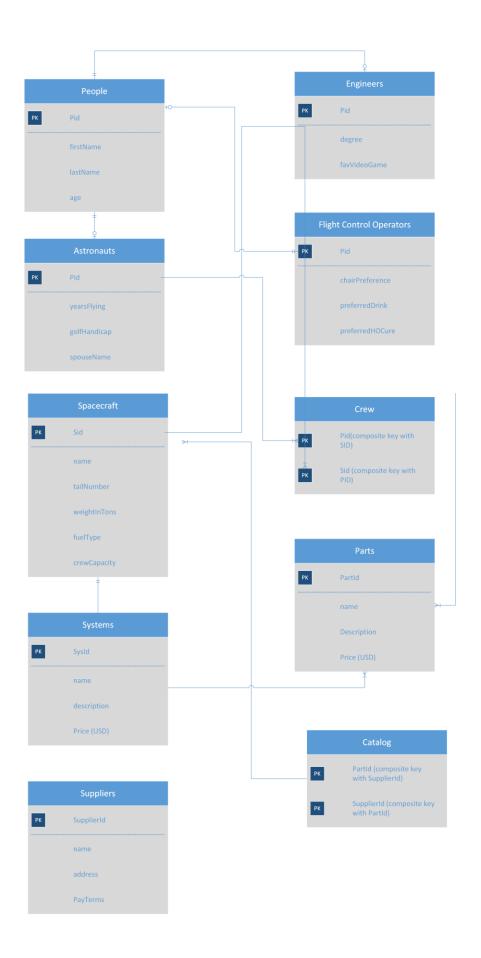
```
Jeffrey Lupia
11/16/2016
Database Management
Lab 9
   1. Functional dependencies
People
      PID > firstName, lastName, age
Engineers
      PID > degree, favVideoGame
FlightControlOperators
      PID > chairPreference, preferredDrink, preferredHOCure
Astronauts
      PID > yearsFlying, golfHandicap, spouseName
Crew
      PID > SID
Spacecraft
      SID > name, tailNumber, weight, fuelType, crewCapacity
Systems
       SysId > name, description, cost
Parts
      PartId > name, description, cost
Suppliers
      SupplierId
```

Catalog

PartId >SupplierId, name, address, payTerms



3. The database is in first normal form, because all the data is Atomic. It's in second normal form, because there are no partial key attributes. It is in third normal form because there are no multi key dependencies with non-key entities that are more dependent on another entity than the primary key.