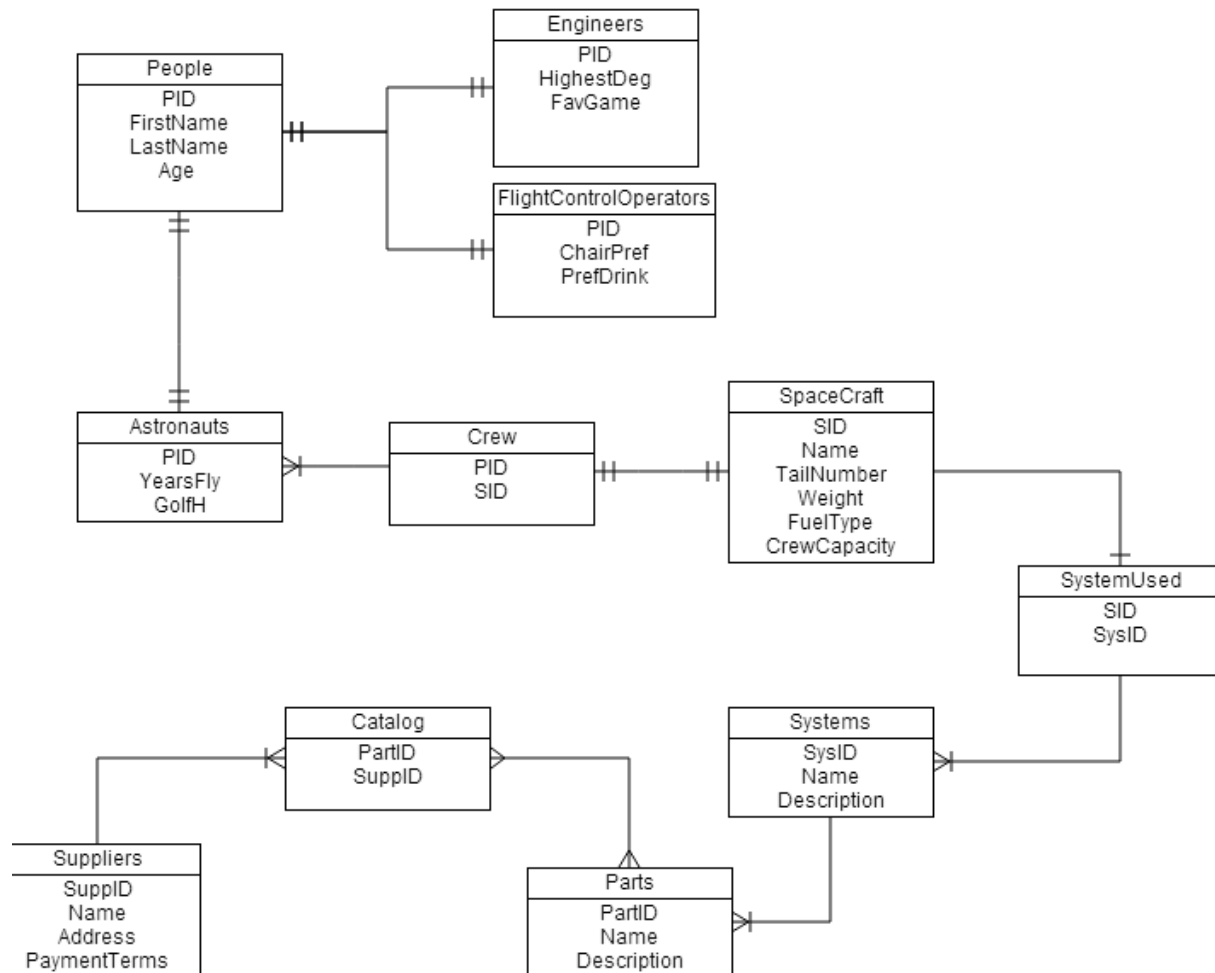


Normalization 3



Below is the create Script. I tested it with my own test data and it held up I am curious to see what kind of solution is used in class however because mine seems a bit off.

Drop Table if Exists People

Create table if not exists People(

PID integer not null,

FirstName text not null,

LastName text not null,

Age integer not null,

Primary key(PID)

);

Drop Table if Exists Engineers

Create table if not exists Engineers(

PID integer not null references People (PID),

YearsFly integer not null,

GolfH integer not null,

Primary key(PID)

);

Drop Table if Exists FlightControlOperators

Create table if not exists FlightControlOperators (

PID integer not null references People (PID),

ChairPref text not null,

PrefDrink text not null,

Primary key(PID)

);

Drop Table if Exists Astronauts

Create table if not exists Astronauts (

PID integer not null references People (PID),

ChairPref text not null,

PrefDrink text not null,

Primary key(PID)

);

Drop Table if Exists Crew

Create table if not exists Crew (

PID integer not null references People (PID),

SID integer not null references Spacecraft(SID)

Primary key(PID,SID)

);

Drop Table if Exists Spacecraft

Create table if not exists Crew (

SID integer not null,

Name text not null,

TailNumber integer not null,

Weight integer not null,

FuelType text not null,

CrewCapacity integer not null,

Primary key(SID)

);

Drop Table if Exists SystemUsed

Create table if not exists SystemsUsed (

SID integer not null references Spacecraft (SID),

SysID integer not null references Systems(SysID)

Primary key(SID,SysID)

);

Drop Table if Exists Systems

Create table if not exists Systems (

SysID integer not null,

Name text not null,

Description text not null

Primary key(SysID)

);

Drop Table if Exists Parts

Create table if not exists Parts(

PartID integer not null,

Name text not null,

Description text not null

Primary key(PartID)

);

Drop Table if Exists Catalog

Create table if not exists Catalog (

PartID integer not null references Parts (SID),

SupplID integer not null references Suppliers(SupplID)

Primary key(PartID,SupplID)

);

Drop Table if Exists Suppliers

Create table if not exists Suppliers(

SupplID integer not null,

Name text not null,

Address text not null,

PaymentTerms text not null

Primary key(SupplID)

);