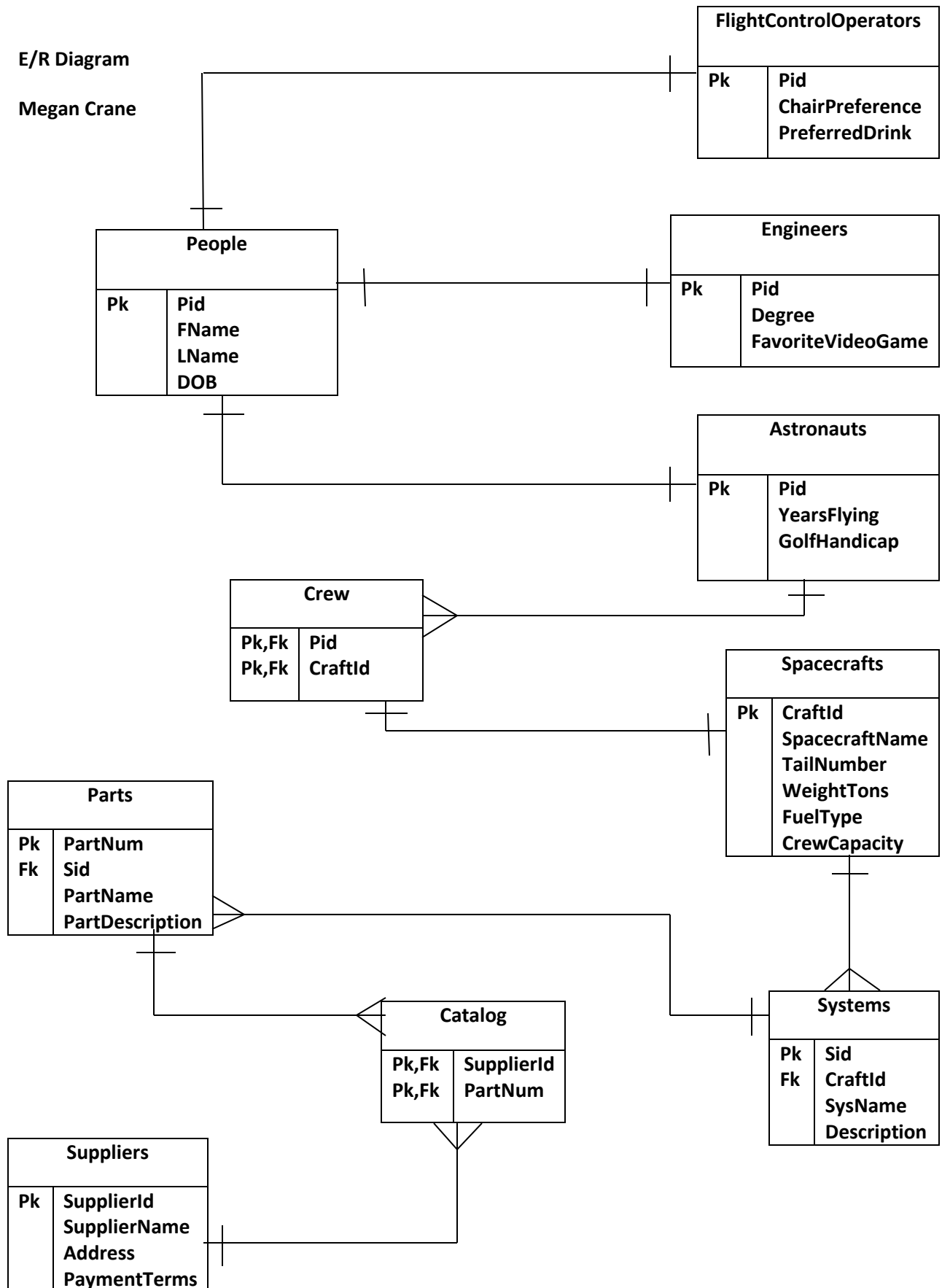


E/R Diagram

Megan Crane



Create Statements

Table People

drop table if exists People;

```
create table People (  
    pid int not null,  
    FName char(30) not null,  
    LName char(30) not null,  
    DOB date not null,  
    primary key (pid)  
);
```

Table Flight Control Operators

drop table if exists FlightControlOperators;

```
create table FlightControlOperators (  
    pid int not null,  
    ChairPreference char(50) not null,  
    PreferredDrink char(30) not null,  
    primary key (pid)  
);
```

Table Engineers

drop table if exists Engineers;

```
create table Engineers (
```

```
pid int not null,  
Degree char(50) not null,  
FavoriteVideoGame char(50) not null,  
primary key (pid)  
);
```

Table Astronauts

```
drop table if exists Astronauts;
```

```
create table Astronauts (  
pid int not null,  
YearsFlying int not null,  
GolfHandicap char(30),  
primary key (pid)  
);
```

Table Spacecraft

```
drop table if exists Spacecrafts;
```

```
create table Spacecrafts (  
CraftId int not null,  
SpacecraftName char(30) not null,  
TailNumber char(30) not null,  
WeightTons int not null,  
FuelType char(30) not null,  
CrewCapacity int not null,  
primary key (CraftId)
```

);

Table Systems

drop table if exists Systems;

create table Systems (

sid int not null,

CraftId int not null,

SysName char(30) not null,

Description char(150) not null,

primary key (sid)

);

Table Parts

drop table if exists Parts;

create table Parts (

PartNum int not null,

sid int not null,

PartName char(30) not null,

PartDescription char(150) not null,

primary key (PartNum)

);

Table Supplies

drop table if exists Supplies;

create table Supplies (

```
SupplierId int not null,  
SupplierName char(50) not null,  
Address char(150) not null,  
PaymentTerms char(50) not null,  
primary key (SupplierId)  
);
```

Table Crew

```
drop table if exists Crew;
```

```
create table Crew (  
pid int not null,  
CraftId int not null,  
primary key (pid, CraftId)  
);
```

Table Catalog

```
drop table if exists Catalog;
```

```
create table Catalog (  
SupplierId int not null,  
PartNum int not null,  
primary key (SupplierId, PartNum)  
);
```