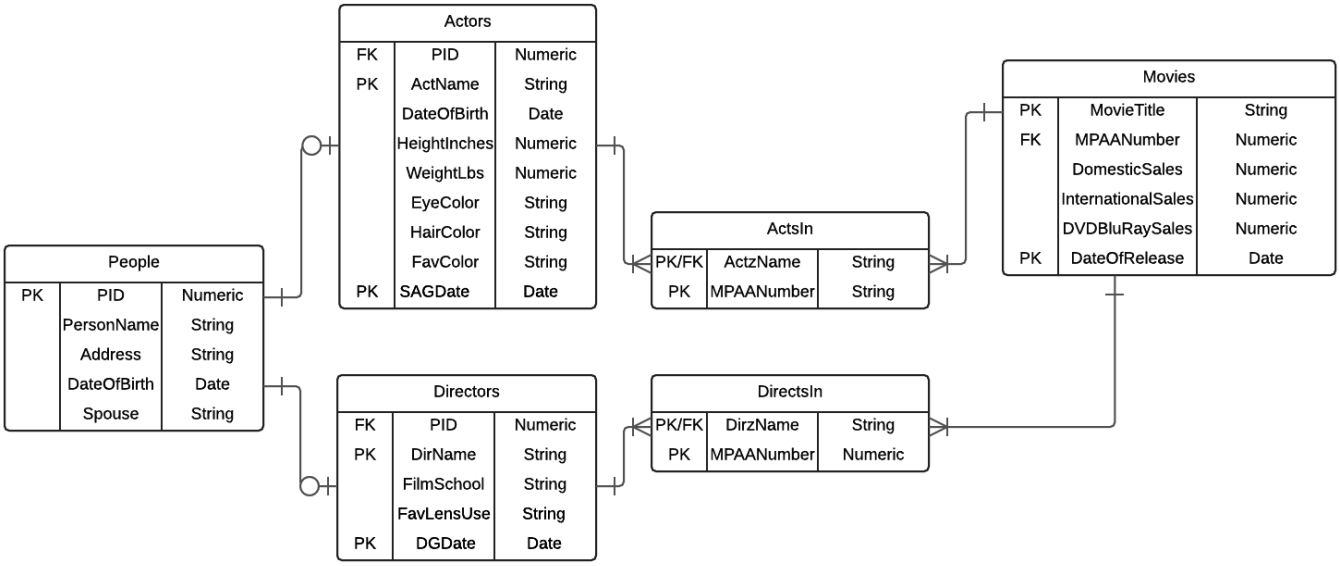
Danny Puckett

CMPT 308 – Database Management

Lab 8

1.)



2.)

```
-- Create statements for Bond Movie 2.0 Tables
CREATE TABLE `People` (
  `PID` Numeric,
  `PersonName` String,
  `Address` String,
  `DateOfBirth` Date,
  `Spouse` String,
  PRIMARY KEY (`PID`)
);
CREATE TABLE `Actors` (
  `PID` Numeric,
  `ActName` String,
  `DateOfBirth` Date,
  `HeightInches` Numeric,
```

```
  `WeightLbs` Numeric,
  `EyeColor` String,
  `HairColor` String,
  `FavColor` String,
  `SAGDate`      Date,
  PRIMARY KEY (`ActName`, `SAGDate`),
  FOREIGN KEY (`PID`)
);
CREATE TABLE `Directors` (
  `PID` Numeric,
  `DirName` String,
  `FilmSchool` String,
  `FavLensUse`      String,
  `    DGDate`      Date,
  PRIMARY KEY (`DirName`, `    DGDate`),
  FOREIGN KEY (`PID`)
);
CREATE TABLE `ActsIn` (
  `Name` String,
  `MPAANumber` String,
  PRIMARY KEY (`MPAANumber` , `ActzName`),
  FOREIGN KEY (`ActzName`),
);
CREATE TABLE `DirectsIn` (
  `Name` String,
  `MPAANumber` Numeric,
  PRIMARY KEY (`MPAANumber` , `DirzName`),
  FOREIGN KEY (`DirzName`),
);
CREATE TABLE `Movies` (
```

```
  `MovieTitle` String,
  `MPAANumber` Numeric,
  `DomesticSales` Numeric,
  `InternationalSales` Numeric,
  `DVDBluRaySales` Numeric,
  `DateOfRelease` Date,
  PRIMARY KEY (`MovieTitle`, `DateOfRelease`),
  FOREIGN KEY (`MPAANumber`)
);
```

3.) Functional Dependencies

People Entity:

PID is functionally dependent on Name, Address, DateOfBirth and possibly Spouse…

Actors Entity:

PID is functionally dependent on PID of People

Name and SAGDate are functionally dependent on Height, Weight, HairColor, EyeColor, FavColor, and DateOfBirth

Directors Entity:

PID is functionally dependent on PID of people

Name and DGDate are functionally dependent on FilmSchool and FavLensUse

ActsIn Entity:

Name is functionally dependent on Name and SAGDate of Actors

DirectsIn Entity:

Name is functionally dependent on Name and DGdate of Directors

Movies Entity:

MPAANumber is functionally dependent on MPAANumber and Name of both ActsIn and DirectsIn

MovieTitle and DateOfRelease are functionally dependent on MPAANumber, DomesticSales, InternationalSales and DVDBluRaySales

4.)

```
Select DirzName
From Directors
Where(
        Select MPAANumber
        From Movies
        Where(
                Select ActzName
                From (ActsIn)
                Where ActzName = 'Sean Connery'))
;
```

Extra: While considering a new Actor for the Bond Movie 2.0 "The Cost of a Future Tomorrow" we have attempted to persuade newly former President Barack Obama to engage in the Lead Role, after brief consideration he choose to decline for reasons of focus upon speaking lectures and human relief efforts, yet stated he'd consider a much smaller role if done with taste and impactful meaning. We had a great search upon us, to which didn't take as long as it could have, and we have graciously chosen Idrissa Akuna Elba. In further news, Our Bond girl, to which we are humbled to have: is none other than Angelina Jolie… Spoiler: Becomes an agent!

Soundtrack: Three Days Grace "Give Me A Reason" https://www.youtube.com/watch?v=_tWBt_j2ayM and Julia Michaels "Issues" https://www.youtube.com/watch?v=biNFM2up81c among others…

Synopsis: The American Government has gone rouge against its own population, set in modern times, and it is up to the MI6 to realign The American Government and its population into a greater cast of promise and back upon its foundational standpoints, semi-ironic yet fairly realistic!