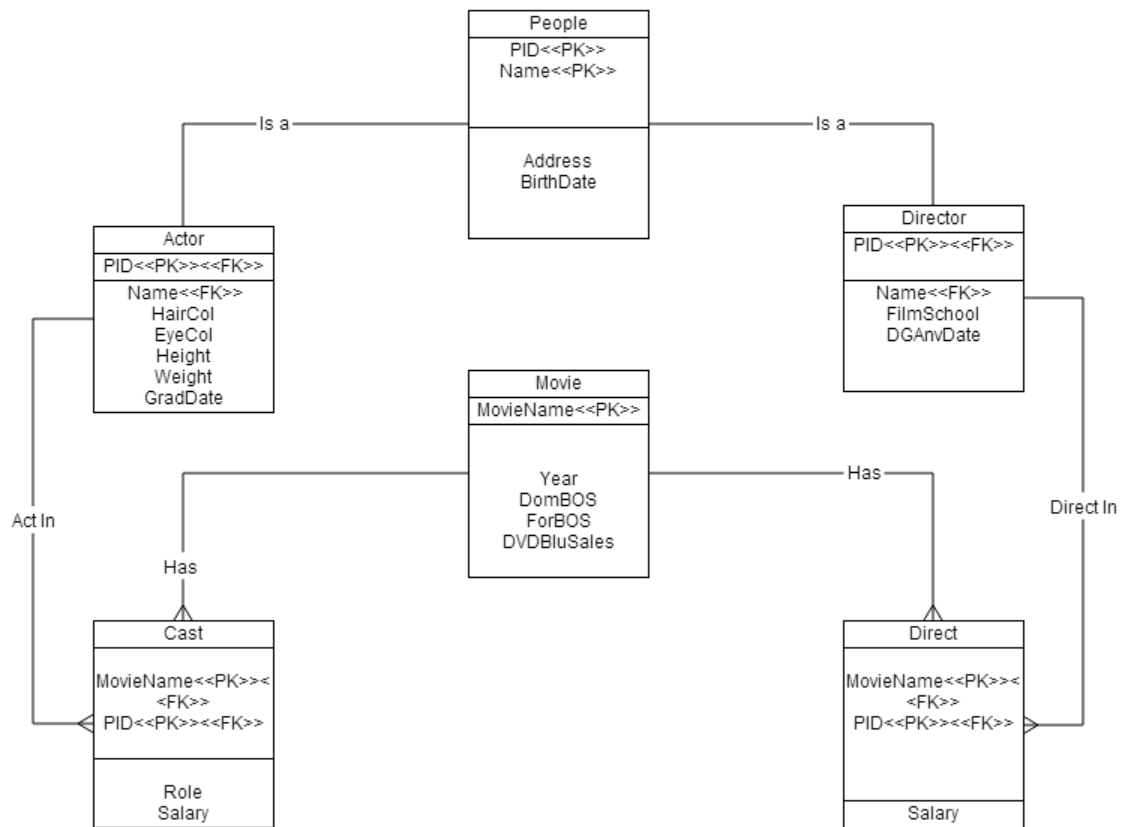Graham Harrison

Lab 8

4/3/14

1.

2.

People Table

Create table if not exists People (PID integer primary key not null,

Name varchar(30) primary key not null,

BirthDate date,

Address text);

Actor Table

Create table if not exists Actor (PID integer primary key not null references People(PID),

Name varchar(30) not null references People(Name),

HairCol text,

EyeCol text,

Height double,

Weight double,

GradDate date);

Director Table

Create table if not exists Director (PID integer primary key not null references People(PID),

Name varchar(30) not null references People(Name),

FilmSchool text,

DGAnvDate date);

Cast Table

Create table if not exists Cast (MovieName text not null primary key references Movie(MovieName),

PID integer not null primary key references Actor(PID),

Role varchar(20),

Salary currency);

Direct Table

Create table if not exists Direct (MovieName text not null primary key references Movie(MovieName),

PID integer not null primary key references Director(PID),

Salary currency);

Movie Table

Create table if not exists Movie (MovieName text not null primary key,

Year integer,

DomBOS currency,

ForBOS currency,

DVDBluSales currency);

3.

Insert People

Insert into People (PID, Name) Values(1, 'Sean Connery'),

(2, 'Some Guy'),

(3, 'Other Guy');

Insert Actor

Insert into Actor(PID, Name) Values (1, 'Sean Connery');

Insert Director

Insert into Director (PID, Name) Values (2, 'Some Guy'),

(3, 'Other Guy');

Insert Cast

Insert into Cast (MovieName, PID) Values ('A Movie', 1);

Insert Direct

Insert into Direct(MovieName, PID) Values ('A Movie', 2),

('Another Movie', 3);

Insert Movie

Insert into Movie(MovieName) Values ('A Movie');

4.

People Table

PID, Name → Address, BirthDate

Actor Table

PID → Name, HairCol, EyeCol, Height, Weight, GradDate

Director Table

PID → Name, FilmSchool, DGAnvDate

Cast Table

MovieName, PID→ Role, Salary

Direct Table

MovieName, PID → Salary

Movie Table

MovieName → Year, DomBOS, ForBOS, DVDBluSales

5.

Select Director.Name

From Director,

       Direct,

       Actor,

       Cast

Where Director.PID=Direct.PID

  And Actor.PID=Cast.PID

  And Cast.MovieName=Direct.MovieName

  And Actor.Name='Sean Connery'