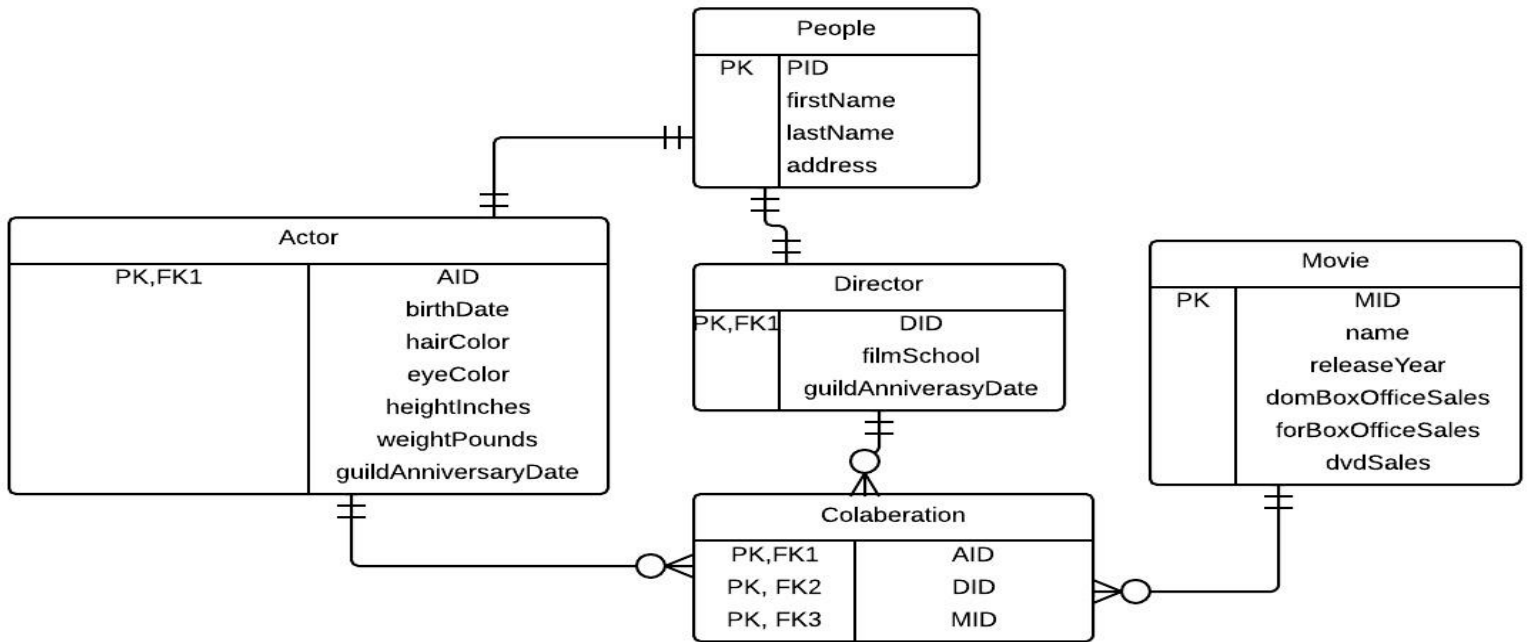


Paul McCusker



### Table Create Statements PRT1

```
CREATE TABLE people
(
    pid          INT NOT NULL,
    firstname    TEXT NOT NULL,
    lastname     TEXT NOT NULL,
    address      TEXT NOT NULL,
    PRIMARY KEY (pid)
);

CREATE TABLE actor
(
    aid          INT NOT NULL REFERENCES people(pid),
    birthdate    DATE NOT NULL,
    haircolor    TEXT NOT NULL,
    eyecolor     TEXT NOT NULL,
```

```

        heightinches          INT NOT NULL,
        weightpounds          INT NOT NULL,
        guildanniversarydate  DATE NOT NULL,
        PRIMARY KEY (aid)
    );

CREATE TABLE director
(
    did          INT NOT NULL REFERENCES people(pid),
    filmschoolattended TEXT NOT NULL,
    guildanniversarydate DATE NOT NULL,
    PRIMARY KEY (did)
);

CREATE TABLE movie
(
    mid          INT NOT NULL,
    name         TEXT NOT NULL,
    releaseyear  TEXT NOT NULL,
    domboxofficesales INT NOT NULL,
    forboxofficesales IN NOT NULL,
    dvdsales     IN NOT NULL,
    PRIMARY KEY (mid)
);

CREATE TABLE colaberation
(
    aid INT NOT NULL REFERENCES actor(aid),
    did INT NOT NULL REFERENCES director(did),
    mid INT NOT NULL REFERENCES movie(mid),
    PRIMARY KEY (aid, did, mid)
);

```

### Insert Data into Tables

```

insert into People (pid, firstName, lastName, address)
values (1, 'Sean', 'Connery', 'Wilshire Blvd. , Beverly Hills, CA 90212-1825 , USA');
insert into People (pid, firstName, lastName, address)
values (2, 'Liam', 'Neeson', '8687 Melrose Avenue, Los Angeles, CA 90069');
insert into People (pid, firstName, lastName, address)
values (3, 'Charlie', 'Day', '9601 Wilshire Blvd, Beverly Hills, CA 90210-5213');

```

```

insert into People (pid, firstName, lastName, address)
values (4, 'Emma', 'stone', '3532 Hayden Avenue , Culver Ci
ty, CA 90232');
insert into People (pid, firstName, lastName, address)
values (5, 'Micheal', 'Bay', 'Beverly Hills, CA, 90212');

insert into Actor (AID, birthDate, hairColor, eyeColor, hei
ghtInches, weightPounds, guildAnniversaryDate)
values (1, '9/25/1930', 'brown', 'black', 70, 200, '4/25/19
99');
insert into Actors (AID, birthDate, hairColor, eyeColor, he
ightInches, weightPounds, guildAnniversaryDate)
values (2, '6/7/1952', 'silver', 'lava', 73, 195, '9/1/2001
');

insert into Director (DID, filmSchoolAttended, guildAnniver
saryDate)
values (5, 'Art Center College of Design', '1/11/2004');

insert into Movie (MID, name, releaseYear, domesticBoxOffic
eSales, foreignBoxOfficeSales, dvdSales)
values (1, 'The Rock', 1996, 134069511, 20099311, 10000000)
;
insert into Movies (MID, name, releaseYear, domesticBoxOffi
ceSales, foreignBoxOfficeSales, dvdSales)
values (2, 'Battleship', 2012, 65422625, 237602860, 1579478
6);

insert into Colaberation (AID, DID, MID)
values (1, 5, 1);
insert into Colaberation (AID, DID, MID)
values (2, 5, 2);

```

Dependencies –

PID >> firtName, lastName, address

AID>> birthdate, hairColor, eyeColor, heightInches, wieghtPounds, guildAnniversaryDate

DID>> filmSchoolAttended, guildAnniverseryDate

MID>> name releaseYear, domBoxOfficeSales, forBoxOfficeSales, dvdSales

Query to return the directors that Sean Connery has worked with

```
select distinct p2.PID, p2.firstName, p2.lastName, d.filmSchoolAttended
, d.guildAnniversaryDate
from People p1, People p2, Actor a, Director d, Colaberation col
where
p1.firstName = 'Sean' and
p1.lastName = 'Connery' and
p1.PID = a.AID and
a.AID = col.AID and
p2.PID = d.DID and
d.DID = col.DID;
```