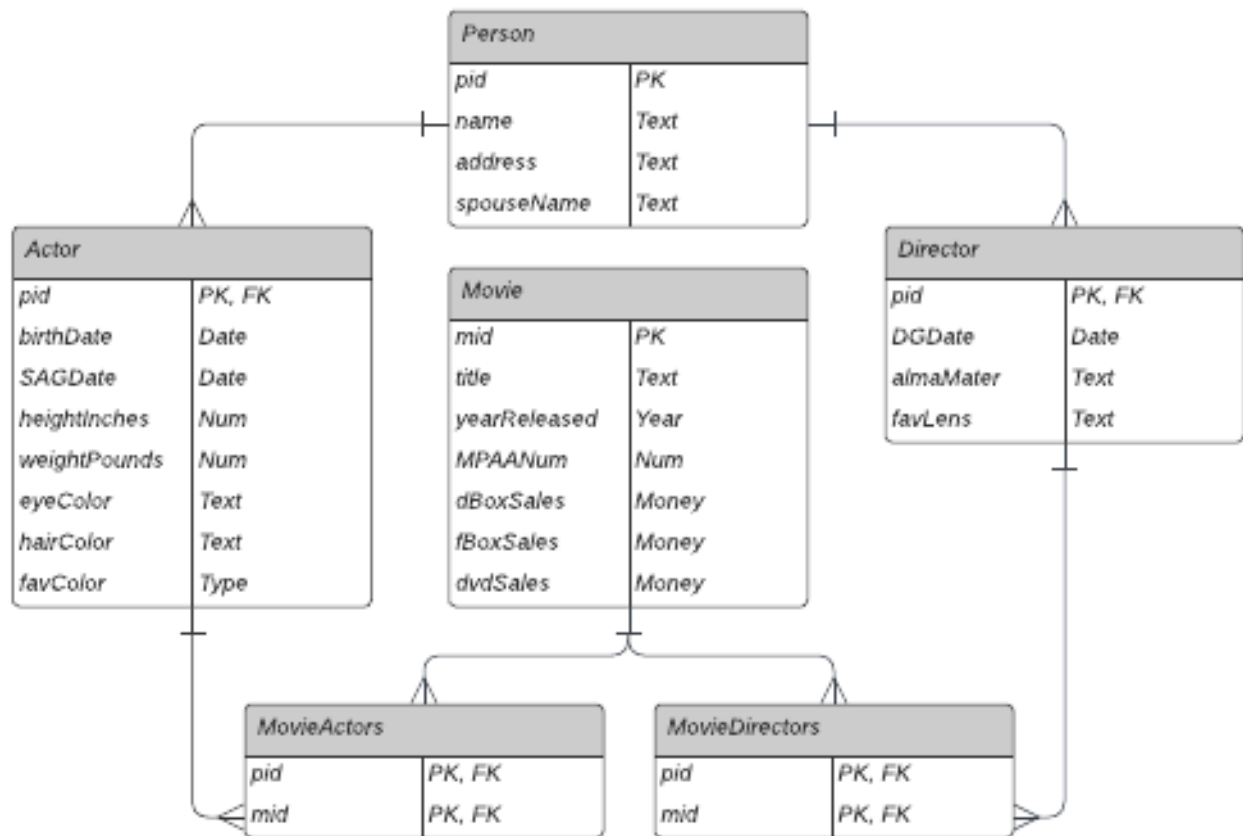


Kyle Wright
CMPT308-111
Labouseur
4/14/22

Lab 8: Bond Movies Database

Lab 8 - Bond Movies

Kyle Wright | April 14, 2022



```

CREATE TABLE People (
    pid          int not null,
    name         text,
    address      text,
    spouseName   text,
    primary key(pid)
);

CREATE TABLE Actor (
    pid          int not null references People(pid),
    birthDate    date,
    SAGDate      date,
    heightInches numeric(3,1),
    weightPounds int,
    eyeColor     text,
    hairColor    text,
    favColor     text,
    primary key(pid)
);

CREATE TABLE Director (
    pid          int not null references People(pid),
    DGDate       date,
    almaMater    text,
    favLens      text,
    primary key(pid)
);

CREATE TABLE Movie (
    mid          int not null,
    title        text,
    yearReleased int,
    MPAAEnum     int,
    dBoxSales    numeric(15,2), --we are prepared for trillion-dollar movies
    fBoxSales    numeric(15,2),
    dvdSales     numeric(15,2),
    primary key(mid)
);

CREATE TABLE MovieActors (
    pid          int not null references Actor(pid),
    mid          int not null references Movie(mid),
    primary key(pid, mid)
);

CREATE TABLE MovieDirectors (
    pid          int not null references Director(pid),
    mid          int not null references Movie(mid),

```

```
primary key(pid, mid)
);
```

All attributes of Person are dependent on pid

All attributes of Actor are dependent on pid

All attributes of Director are dependent on pid

All attributes of Movie are dependent on mid

MovieActors has a composite key of pid and mid, thus the two do not determine each other

MovieDirectors has a composite key of pid and mid, thus the two do not determine each other

```
SELECT DISTINCT *
FROM Directors
WHERE pid in (SELECT pid
               FROM MovieDirectors
               WHERE mid in (SELECT mid
                             FROM MovieActors
                             WHERE pid in (SELECT pid
                                           FROM People
                                           WHERE name = "Roger Moore"
                                           )))
```