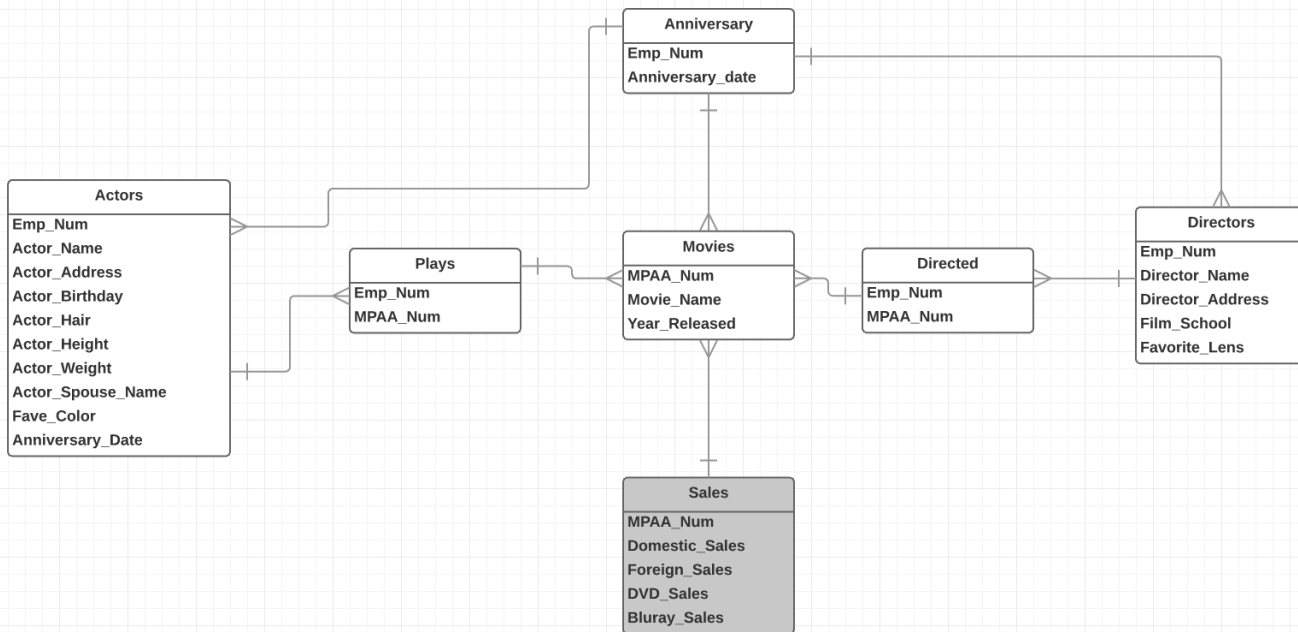Artur Barbosa
April 14, 2016
CMPT 308-Rivas
Lab 8

```
CREATE TABLE "Actors" (
"Emp_Num" <int>,
"Actor_Name" <varchar10>,
"Actor_Address" <varchar10>,
"Actor_Birthday" <varchar10>,
"Actor_Hair" <varchar5>,
"Actor_Height" <int>,
"Actor_Weight" <int>,
"Actor_Spouse_Name" <varchar10>,
"Fave_Color" <varchar5>,
"Anniversary_Date" <int>,
PRIMARY KEY (Emp_Num),
);

CREATE TABLE `Plays` (
```

```
 `Emp_Num` <int>,
 `MPAA_Num` <int>,
PRIMARY KEY (Emp_Num),
FOREIGN KEY (Emp_Num) References Actors(Emp_Num)
FOREIGN KEY (MPAA_Num) Rerefences Movies(MPAA_Num)
);

CREATE TABLE `Anniversary` (
 `Emp_Num` <int>,
 `Anniversary_date` <int>
PRIMARY KEY (Emp_Num)
FOREIGN KEY (Emp_Num) References Actors(Emp_Num(
);

CREATE TABLE `Movies` (
 `MPAA_Num` <int>,
 `Movie_Name` <varchar10>,
 `Year_Released` <int>
PRIMARY KEY (MPAA_num)

);

CREATE TABLE `Sales` (
 `MPAA_Num` <int>,
 `Domestic_Sales` <int>,
 `Foreign_Sales` <int>,
 `DVD_Sales` <int>,
 `Bluray_Sales` <int>
PRIMARY KEY (MPAA_Num)
FOREIGN KEY (MPAA_Num) References Movies(MPAA_Num)
);

CREATE TABLE `Directed` (
 `Emp_Num` <int>,
 `MPAA_Num` <int>
PRIMARY KEY(Emp_num)
FOREIGN KEY(Emp_num) References Directors(Emp_Num)
FOREIGN KEY(MPAA_Num) References Movies(MPAA_Num)
);

CREATE TABLE `Directors` (
 `Emp_Num` <int>,
 `Director_Name` <varchar10>,
 `Director_Address` <varchar12>,
 `Film_School` <varchar10>,
 `Favorite_Lens` <varchar10>
```

PRIMARY KEY (MPAA_Num)

);

**3)**
- Table play is functionally dependent on actors and movies
- Table directed is functionally dependent on directors and movies
- Table sales is functionally dependent on movies
- Table anniversary is functionally dependent on actors and directors

**4)**

**select  name
from directors
where in (**
> **select \*
> from movies
> where emp_num = 1);**