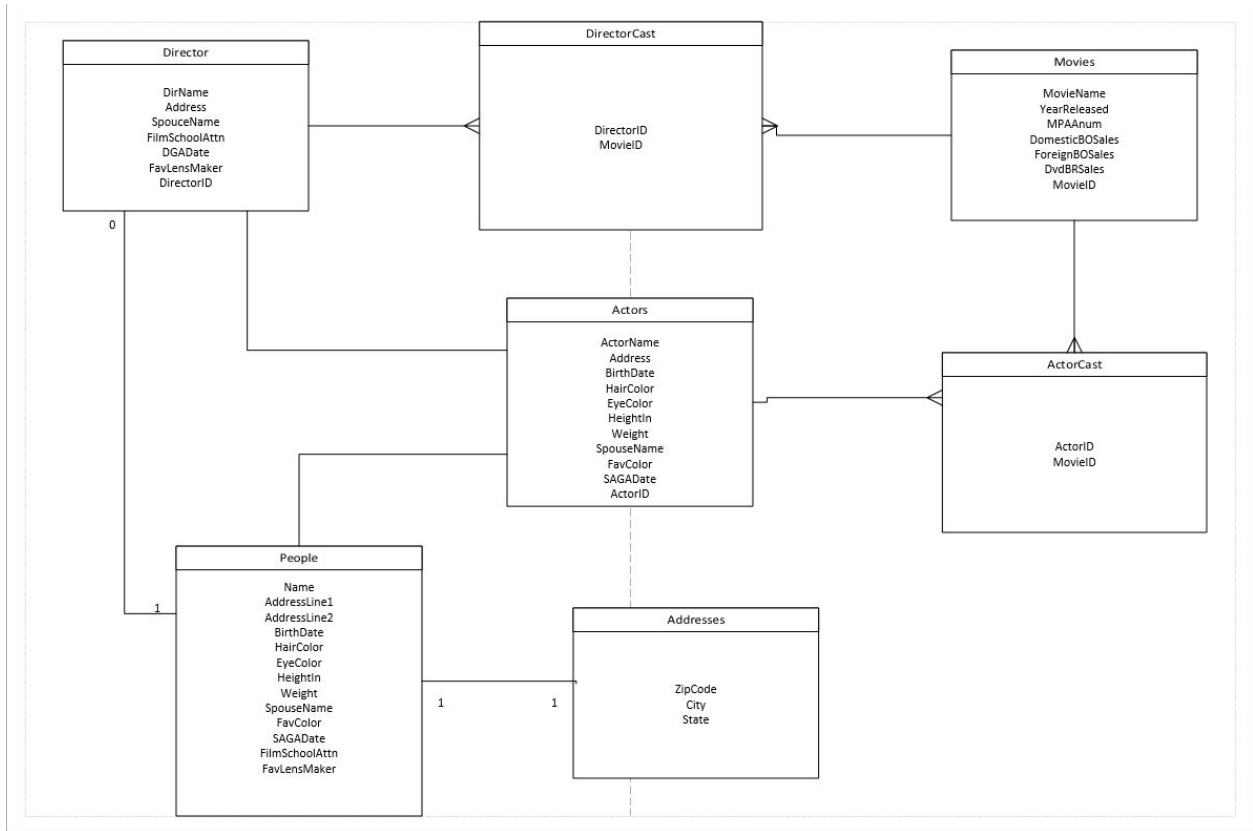


1.) E/R Diagram



2.)SQL create statements

CREATE TABLE people

(

 Name text not null,
 AddressLine1 text not null,
 AddressLine2 text,
 BirthDate Datetime not null,
 HairColor text not null,
 EyeColor text not null,
 HeightIn integer not null,
 Weight integer not null,
 SpouseName text,
 FavColor text,
 SAGADate Datetime,
 DGADate Datetime,

```
        FilmSchoolAttn text,  
        FavLensMaker text  
    );
```

```
CREATE TABLE actors
```

```
(  
    ActorID integer not null,  
    ActorName text not null,  
    Address text not null,  
    BirthDate Datetime not null,  
    HairColor text not null,  
    EyeColor text not null,  
    HeightIn integer not null,  
    Weight integer not null,  
    SpouceName text,  
    FavColor text,  
    SAGADate Datetime  
);
```

```
CREATE TABLE directors
```

```
(  
    DirectorID integer not null,  
    DirName text not null,  
    Address text not null,  
    SpouceName text,  
    FilmSchoolAttn text not null,  
    DGADate Datetime,  
    FavLensMaker text  
);
```

```
CREATE TABLE movies
```

```
(  
    MovieID integer not null,  
    MovieName text not null,  
    YearReleased Datetime not null,  
    MPAANum integer not null,  
    DomesticBOSales integer not null,  
    ForeigneBOSales integer,  
    DvdBRSales integer not null  
);
```

```
CREATE TABLE Addresses
(
    Zipcode integer not null,
    City text not null,
    State text not null
);
```

```
CREATE TABLE ActorCast
(
    ActorID integer,
    MovieID integer
);
```

```
CREATE TABLE DirectorCast
(
    DirectorID integer,
    MovieID integer,
);
```

3.) Functional Dependencies

ActorID |--> Address, ActorName, BirthDate, HairColor, EyeColor, HeightIn, Weight, SpouseName, FavColor, SAGADate

Pid |--> Name, AddressLine1, AddressLine2, BirthDate, HairColor, EyeColor, HeightIn, Weight, SpouseName, FavColor, SAGADate, FilmSchoolAttn, FavLensMaker

DirectorID |--> DirName, Address, SpouseName, FilmSchoolAttn, DGADate, FavLensMaker

ZipCode |--> City, State

MovieID |--> MovieName, YearReleased, MPAAAnum, DomesticBOSales, ForeignBOSales, DvdBRSales

