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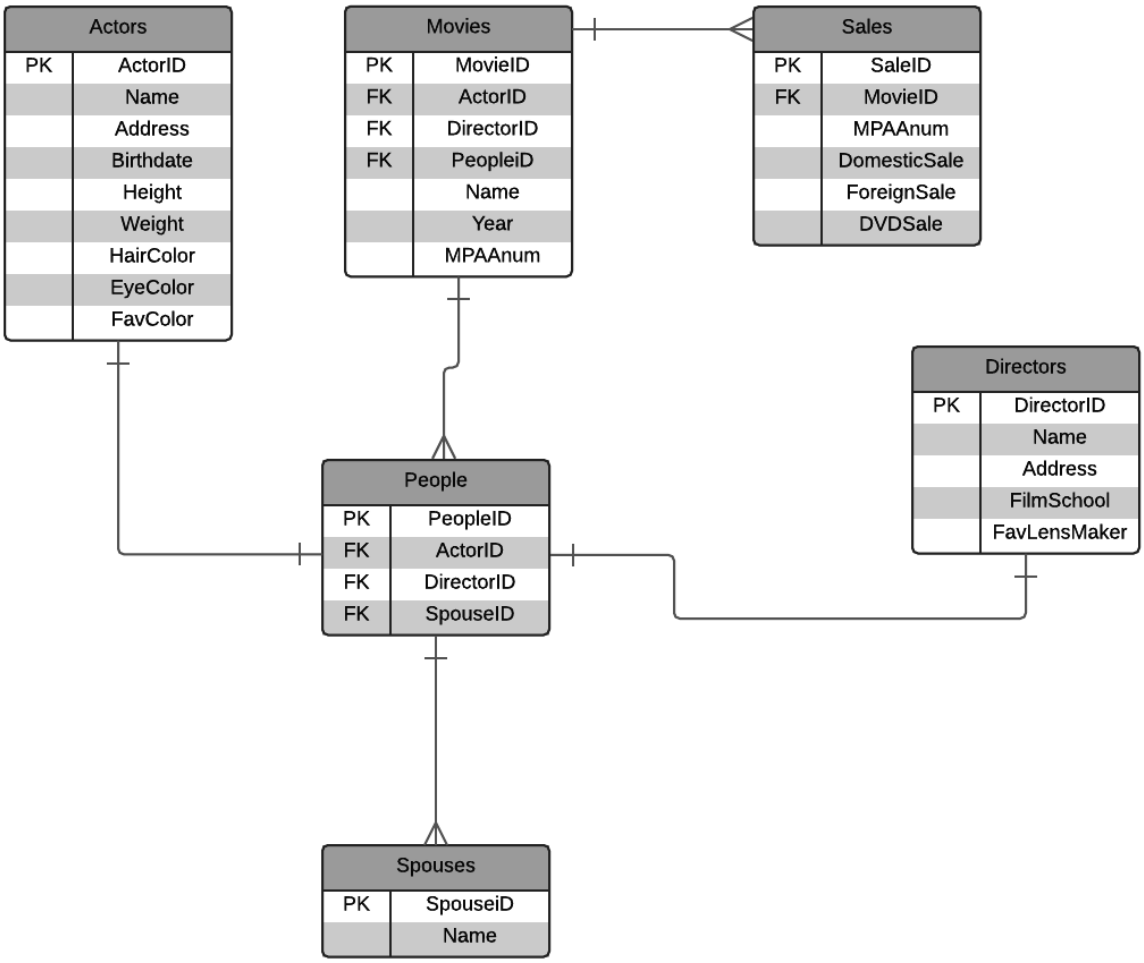
Database Management

Pablo Rivas

Lab 8

1.



2. CREATE TABLE actors (
ActorID char(4) not null,
Name text,
Address text,
Birthdate text,
Height text,
Weight text,
HairColor text,
EyeColor text,
FavColor text
primary key(ActorID)
);
CREATE TABLE Directors (
DirectorID char(4) not null,
Name text,
Address text,
FilmSchool text,
FavLensMaker text
primary key(DirectorID)
);

CREATE TABLE Spouses (
SpouseID char(4) not null,
Name text
primary key(SpouseID)
);

CREATE TABLE People (
PeopleID char(4) not null,
ActorID char(4) not null references Actors(ActorID),
DirectorID char(4) not null refernces Directors(DirectorID),
SpouseID char(4) not null references Spouses(SpousesID)
primary key(PeopleID)
);

CREATE TABLE Movies (
MovieID char(4) not null,
ActorID char(4) not null references Actors(ActorID),
DirectorID char(4) not null references Directors(DirecorID),
PeopleID char(4) not null refernces People(PeopleID),
Name text,
Year integer,
MPAAnum integer,

```
  primary key(MovieID)
);

CREATE TABLE Sales (
  SaleID char(4) not null,
  MovieID char(4) not null references Movies(MovieID),
  MPAAnum integer,
  DomesticSale integer,
  ForeignSale integer,
  DVDSale integer,
  primary key(SaleID)
);
```

3.

a. ActorID→Name, Address, Birthdate, Height, Weight, HairColor, EyeColor, FavColor
b. MovieID→ActorID, DirectorID, PeopleID, Name, Year, MPAAnum
c. PeopleID→ActorID, DirectorID, SpouseID
d. SpouseID→Name
e. SaleID→MovieID, MPAAnum, DomesticSale, ForeignSale, DVDSale
f. DirectorID→Name, Address, FilmSchool, FavLensMaker

4.

a.
```
Select m.directorid, m.actorid
From Movies m
Join Actors a
Where a.name = “Keanu Reeves”;
```