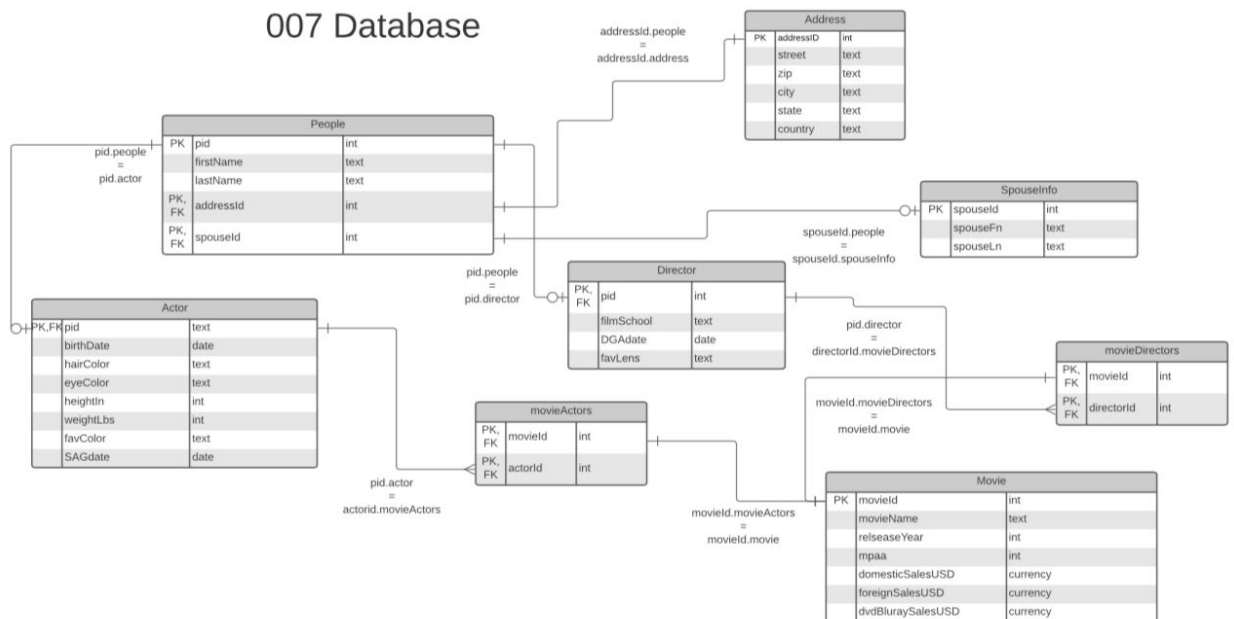


Lab 8- Normalization Two

1.



2.

```

61 select * from peoplez;
62
63

```

	pid	integer	firstname	text	lastname	text	addressid	integer	spouseid	integer
1	1		Roger		Moore		24		6	
2	2		Guy		Hamilton		27		3	
3	3		John		Glen		29		4	
4	4		Lewis		Gilbert		22		8	
5	5		Daniel		Craig		21		2	
6	6		Sam		Mendes		26		9	

```
59 select * from director;
60 select * from address;
```

Data Output Explain Messages Notifications

	pid integer	filmschool text	dgadate date	favlens text
1	2	USC	1975-09-28	Annihilation
2	3	NYU	1985-06-12	Eternity
3	4	American Film ...	1980-05-28	El Royale
4	6	Chapman Univ...	2014-05-02	Scruggs

```
60 select * from address;
61 select * from peoplez;
```

Data Output Explain Messages Notifications

	addressid integer	street text	zip text	city text	state text	country text
1	24	Elm Ave	90069	Hollyw...	CA	USA
2	27	Cedar St	90069	Hollyw...	CA	USA
3	29	Oak St	90069	Hollyw...	CA	USA
4	22	Third Ave	10282	New Yo...	NY	USA
5	21	Lake St	90069	Hollyw...	CA	USA
6	26	View Rd	10282	New Yo...	CA	USA

```
58 select * from spouseinfo;
59 select * from director;
```

Data Output Explain Messages Notification

	spouseid integer	spousefn text	spouseIn text
1	6	Kristina	Tholstrup
2	3	Grace	Lancaster
3	4	Bridget	White
4	8	Greta	Thunberg
5	2	Molly	Smithberg
6	9	Rachel	Weisz

```
57 select * from actor;
58 select * from spouseinfo;
```

Data Output Explain Messages Notifications

	pid text	birthdate date	haircolor text	eyecolor text	heightin integer	weightlbs integer	favcolor text	sagdate date
1	1	1927-08-14	brown	brown	72	181	black	1989-06-21
2	5	1968-03-02	grey	blue	73	176	green	2013-06-23

```
55 select * from movieactors;
56 select * from movie;
```

Data Output Explain Messages Notificati

	movieid integer	actorid integer
1	11	1
2	12	1
3	13	1
4	14	5
5	11	1
6	12	1
7	13	1
8	14	5

```
56 select * from movie;
57 select * from actor;
```

	movieid integer	moviename text	releaseyear integer	mpaa integer	domesticsalesusd integer	foreignsalesusd integer	dvdbluraysalesusd integer
1	11	live and let die	1973	87	495830	583025	204854
2	12	octopussy	1983	84	850385	939503	684059
3	13	moonraker	1979	86	760485	697094	683049
4	14	skyfall	2012	91	594067	593048	684950

```
53
54 select * from moviedirectors;
55 select * from movieactors;
```

	movieid integer	directorid integer
1	11	2
2	12	3
3	13	4
4	14	5

3. People

pid→ firstName, lastName, addressId, spouseId

Address

addressId→ street, zip, city, state, country

SpouseInfo

spouseId→ spouseFn, spouseLn

Director

pid→ filmSchool, DGAdate, favLens

Actor

pid→ birthDate, hairColor, eyeColor, heightIn, weightLbs, favColor, SAGdate

Movie

movieId→ movieName, releaseYear, mpaa, domesticUSD, foreignUSD, dvdBluraySalesUSD

MovieActors

composite

MovieDirectors

composite

4.

```
64 create view moviecrew as
65 select distinct ma.movieid, ma.actorid, md.directorid
66 from movieactors ma full outer join moviedirectors md on ma.movieid=md.movieid;
67 select * from moviecrew;
68
69 select p.firstname, p.lastname, d.pid, d.filmschool, d.dgadata, d.favlens
70 from director d full outer join moviecrew mc on d.pid=mc.directorid
71         inner join peoplez p on p.pid=mc.directorid
72 where mc.actorid=1;
73
74
```

Data Output Explain Messages Notifications

	firstname text	lastname text	pid integer	filmschool text	dgadata date	favlens text	
1	Guy	Hamilton	2	USC	1975-09-28	Annihilation	
2	John	Glen	3	NYU	1985-06-12	Eternity	
3	Lewis	Gilbert	4	American Film ...	1980-05-28	El Royale	