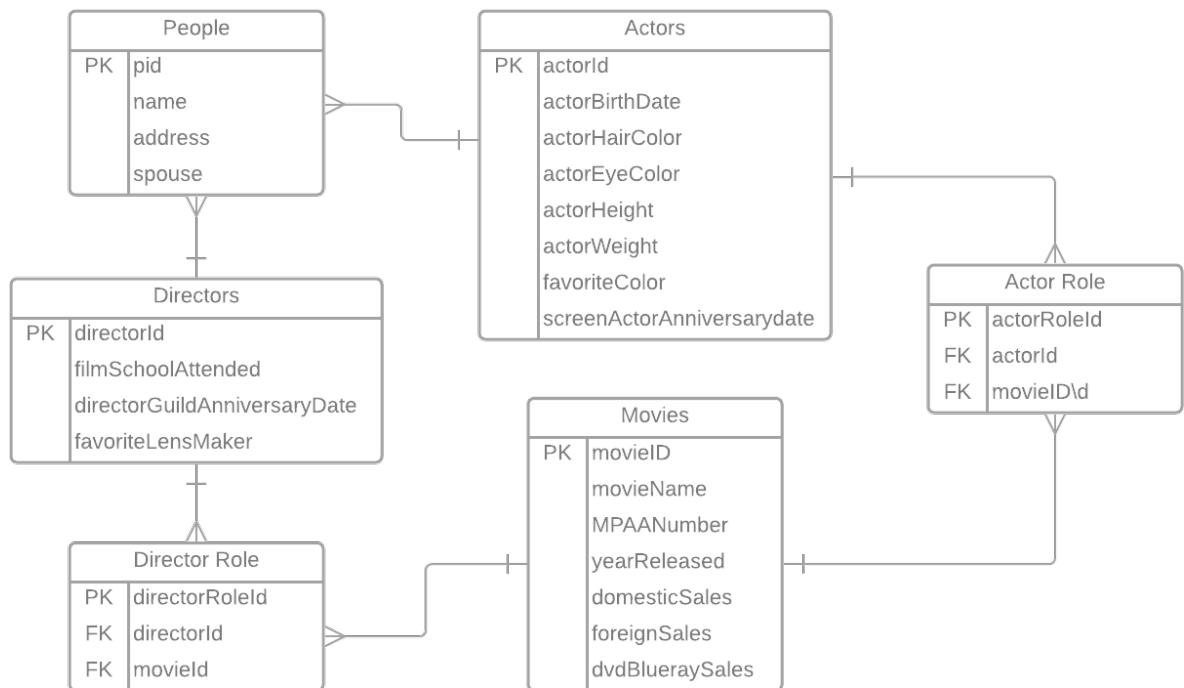Brianna Lee

Professor Labouseur

CMPT 308N

12 November 2020

<div align="center">Lab 8 – Lee</div>

1.

2. Look at the SQL file attached.

3. Functional Dependencies:

People Table – name, address, and spouse are dependent on the pid

Directors Table – filmSchoolAttended, directorGuildAnniversaryDate, and

favoriteLensMaker are all dependent on the directorId

Actors Table – actorBirthDate, actorHairColor, actorEyeColor, actorHeight, actorWeight,

and screenActorAnniversaryDate are all dependent on the actorId

Director Role Table – directorId and movieId are both dependent on the directorRoleId

Actor Role Table – actorId and movieId are both dependent on the actorRoleTable

4. Query to show all the directors with whom actor "Roger Moore" has worked – also in the

SQL file attached.

```sql
select name
from People
where pid in (select directorId
              from Directors
              where directorId in (select directorId
                                   from DirectorRoles
                                   where movieId in (select movieId
                                                     from ActorRoles
                                                     where actorId in (select actorId
                                                                       from Actors
                                                                       where actorId in (select pid
                                                                                         from People
                                                                                         where name = "Roger Moore")))));
```