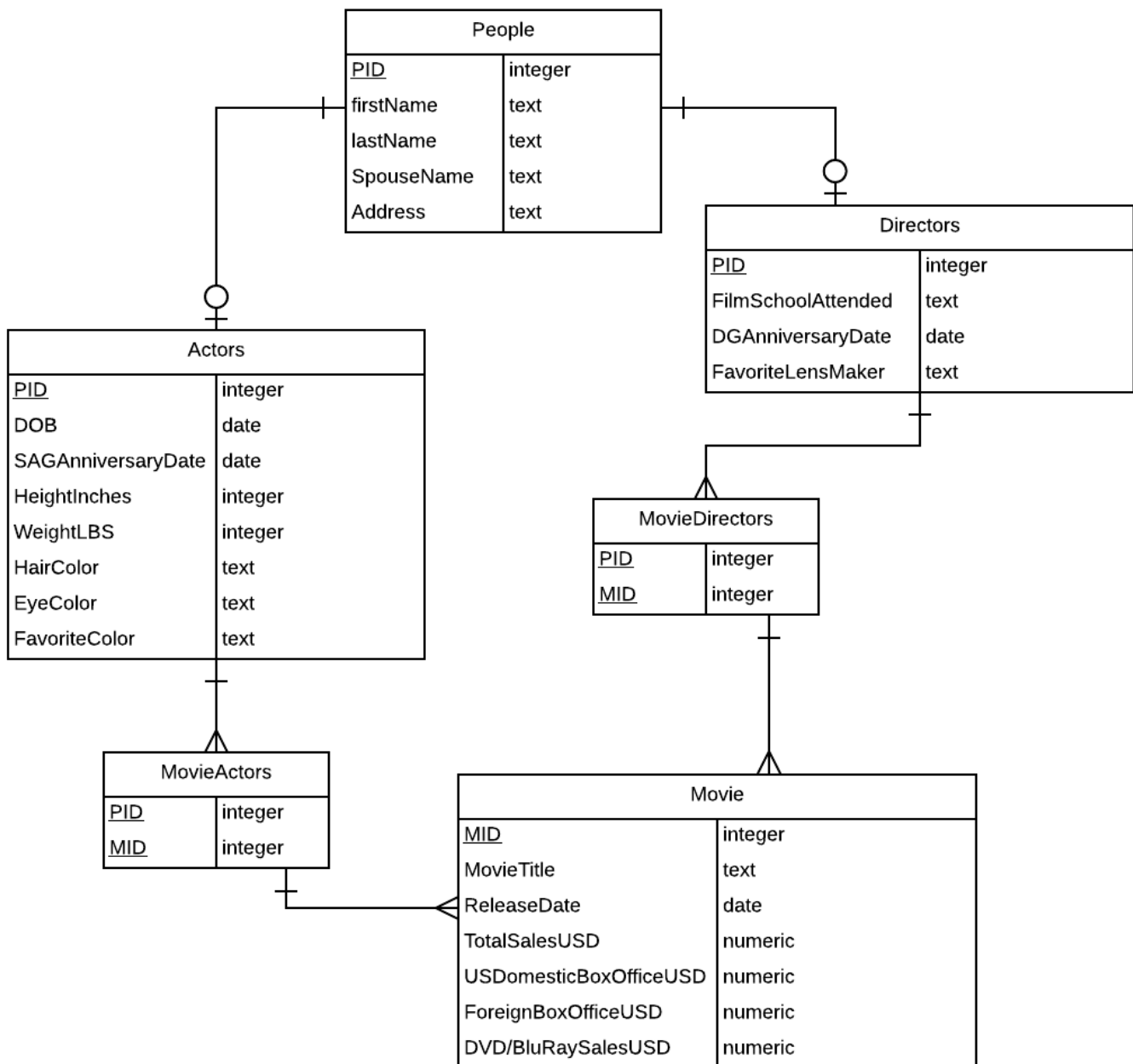Nick Comito
Database Management
Lab #8 – Normalization 2
11/10/16

1) E/R Diagram

2) SQL statements:

Located on text.sql file in GitHub

3) Functional Dependencies:

People Table

        PID → firstName, lastName, SpouseName, Address

        Primary Key (PID)

Actors Table:

        PID → DOB, SAGAnniversaryDate, HeightInches, WeightLBS, HairColor, EyeColor, FavoriteColor

        Primary Key (PID)

Directors Table:

        PID → FilmSchoolAttended, DGAnniversaryDate, FavoriteLensMaker

        Primary Key (PID)

Movie Table:

        MID → MovieTitle, ReleaseDate, TotalSales USD, USDomesticBoxOfficeUSD, ForeignBoxOfficeUSD, DVD/BlueRaySalesUSD

        Primary Key (MID)

MovieActors Table:

        (PID, MID) →

        Primary Key (PID, MID)

MovieDirectors Table:

        (PID, MID) →

        Primary Key (PID, MID)

4) Write a query to show all the directors with whom actor "Sean Connery" has worked.

The query is found on the .sql file with the SQL statements for the database. This file is located on GitHub.