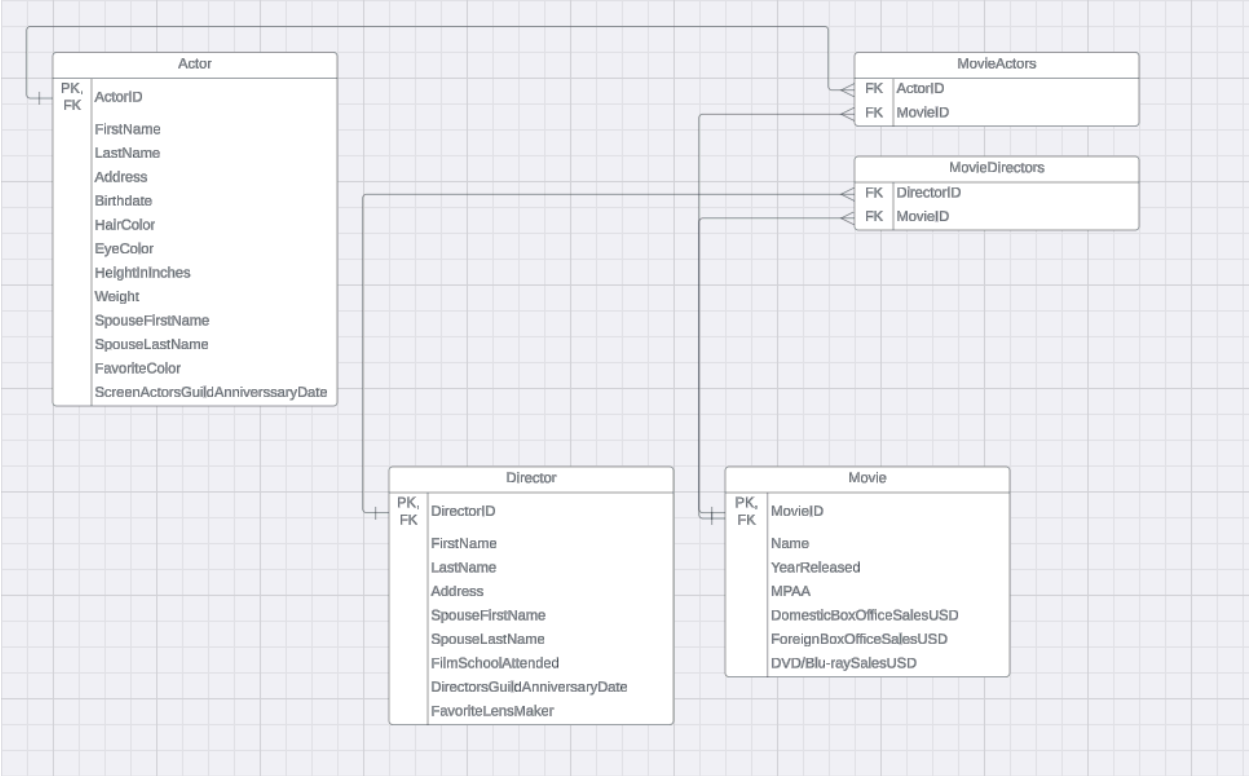
Jackson O'Brien
Database Management
4/2/2024



Functional Dependency of the Tables
Actor Table:
ActorID → FirstName, LastName, Address, BirthDate, HairColor, EyeColor, HeightInInches, Weight, SpouseFirstName, SpouseLastName, FavoriteColor, ScreenActorsGuildAnniversaryDate.

Movie Table:
MovieID → Name, YearReleased, MPAA, DomesticBoxOfficeSalesUSD, ForeignBoxOfficeSalesUSD, DVD/BLU-raySalesUSD.

Director Table:
DirectorID → FirstName, LastName, Address, SpouseFirstName, SpouseLastName, FilmSchoolAttended, DirectorsGuildAnniversaryDate, FavoriteLensMaker.

MovieDirectors Table:
DirectorID, and MovieID have no dependencies, the same goes for the **MovieActor Table**.

All of the dependencies and attributes of the main three tables (Actor, Movie, and Director) all have a similar design. All of the columns except for the ID column depend on the ID column for the data because each ID is unique.