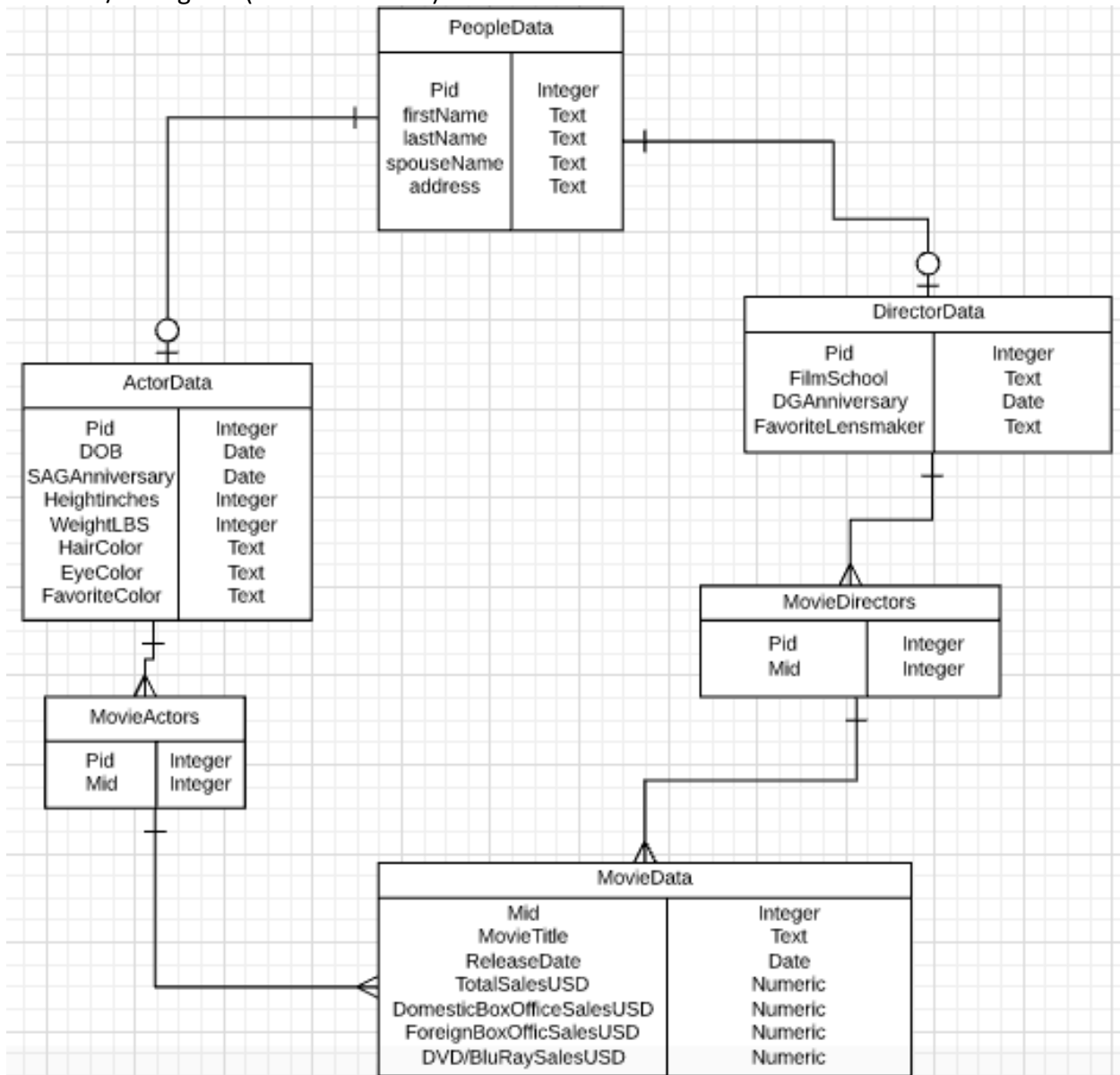


## Normalization 2

### 1. E/R Diagram (Lucidchart.com)



2. SQL Statements supplied on second document
3. Functional Dependencies
  - a. PeopleData Table
    - i.  $PID \rightarrow \text{firstName, lastName, spouseName, Address}$
    - ii. Primary Key (pid)
  - b. ActorData Table

Ronald Cavaliere  
Database Management  
Lab #8  
3/28/17

- i. PID → DOB, SAGAnniversary, HeightInches, WeightLBS, HairColor, EyeColor, FavoriteColor
    - ii. Primary Key (pid)
  - c. DirectorData Table
    - i. PID → FilmSchool, DGAnniversary, FavoriteLensMaker
    - ii. Primary Key (pid)
  - d. MovieData Table
    - i. MID → MovieTitle, ReleaseDate, TotalSalesUSD, DomesticBoxOfficeSalesUSD, ForeignBoxOfficeSalesUSD, DVD/Blu-raySalesUSD
    - ii. Primary Key (mid)
  - e. MovieActors Table
    - i. Primary Key (pid, mid)
  - f. MovieDirectors Table
    - i. Primary Key (pid, mid)
- 4. SQL statements supplied on other document.