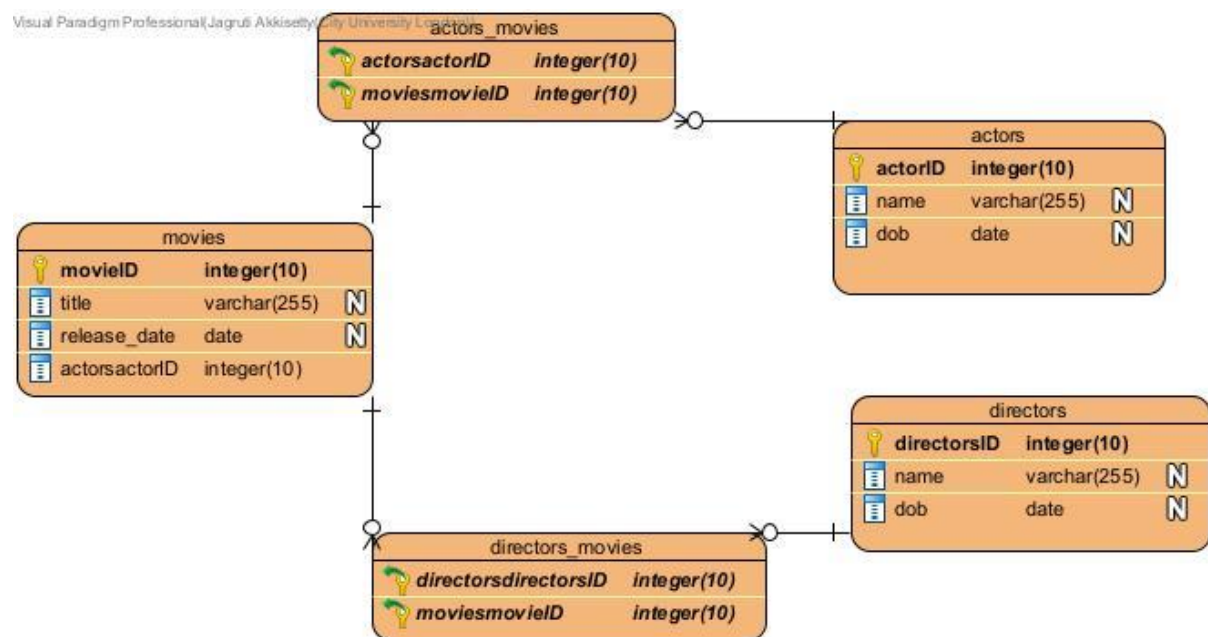


## IN1010 Data Modelling Exercise 3 – Movies

This exercise is a bit more conceptual.

Movies have an ID, a title and a release date. Actors have an ID, a name, and a date of birth. Directors have an ID, a name and a date of birth. Movies have many actors, actors can act in many movies, movies can have more than one director, and directors can direct many movies.

Develop data model in Visual Paradigm to represent the above scenario.



ENTITY: movies

ATTRIBUTES: title, release\_date

PRIMARY KEY: movieID

ENTITY: actors

ATTRIBUTES: name, dob

PRIMARY KEY: actorID

FOREIGN KEY: movieID

ENTITY: directors

ATTRIBUTES: name, dob

PRIMARY KEY: directorsID

FOREIGN KEY: movieID

ENTITY: movie\_actors

COMPOSITE KEY: movieID, actorID

ENTITY: movie\_directors

COMPOSITE KEY: movieID, directorsID