

IN1010 Data Modeling 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.

MOVIE (Entity)

-Movie_ID

-Movie_Title

-Movie_Release_Date

ACTOR (Entity)

-Actor_ID

-Actor_Name

-Actor_DOB

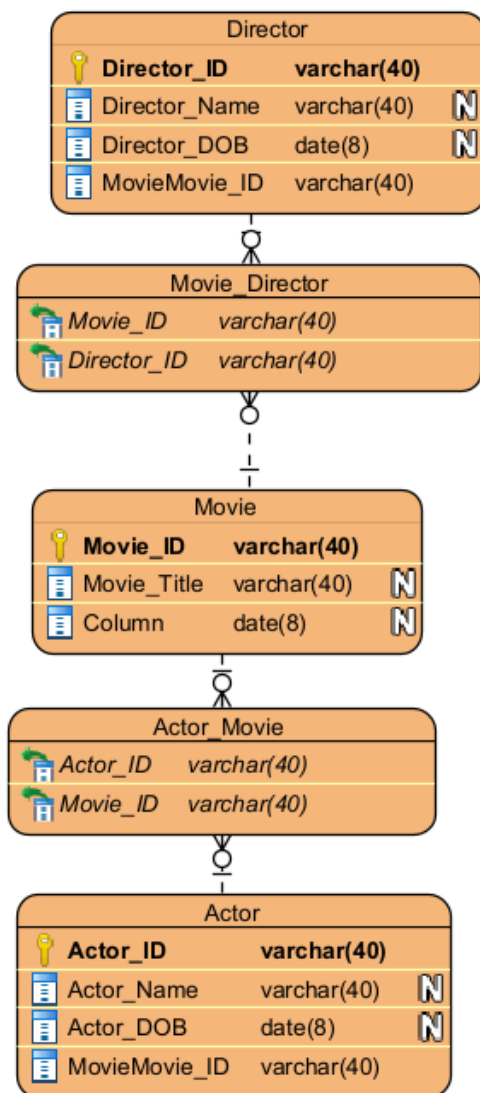
DIRECTOR (Entity)

-Director_ID

-Director_Name

-Director_DOB

Entity Relationship Diagram:



Relationships:

Movie --> Actor : Many to Many , as one movie can have many actors, and one actor can act in many movies

Movie --> Director : Many to Many, as one movie can have multiple directors, and one director can direct many movies .