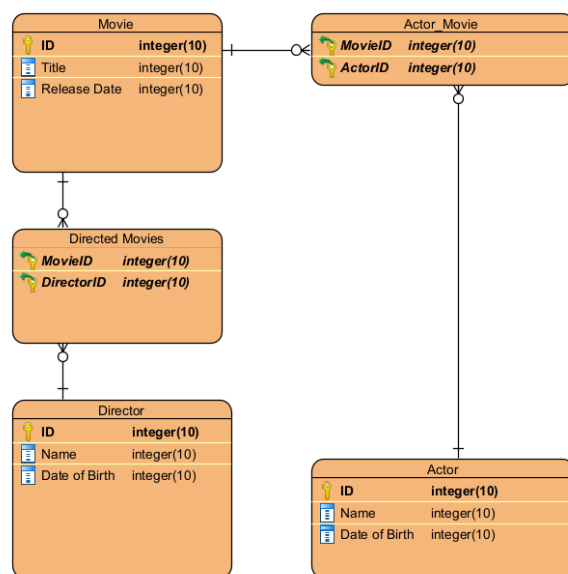


IN1010 Data Modeling Exercise 3 – Movies

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)
ID (primary key)
Title
Release Date

Actor (Entity)
ID (primary key)
Name
Date of Birth

Director
ID (primary key)
Name
Date of Birth

Directed Movies (Event Entity)
Director ID (Foreign key to Director)
Movie (Foreign key to Movie)
(Composite key → Director ID, Movie ID)

Actors in Movies
Actor ID (Foreign key to Actor)
Movie ID (Foreign key to Movie)
(Composite key → Actor ID, Movie ID)