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CS530

HW2: Relational Schema for MOVIE Database

Company(Name, address) Name is primary key. No foreign keys.

Movie(Title, Year\_of\_release, Name, Length\_in\_minutes, Plot\_outline, ID\_genre) Title and YOR are primary keys. Name(from Company) and IDgenre(from Genre) are foreign keys.

Director(Name, Date\_of\_birth) Name and DOB are primary keys.

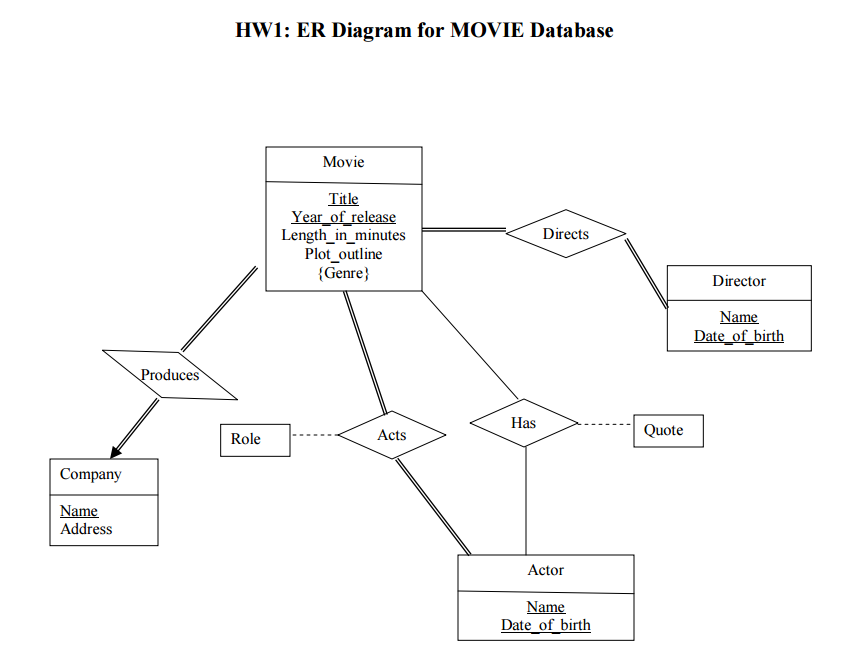
Actor(Name, Date\_of\_birth) Name and DOB are primary keys.

Directs(Title, Year\_of\_release, Name, Date\_of\_birth) All foreign keys that act as primary keys. Changes the (Director/Movie) many to many relationship to a many to one relationship for both.

Acts(Act\_ID, Name, Date\_of\_birth, Title, Year\_of\_release, Role) ActID is a primary key created for this table. It will be used to reference tuples in this table.

Quotes(Act\_ID, Quote) ActID will be a foreign key used as primary key. Created addition table for quote attribute due to partial participation.

Genre(ID\_genre, Genre\_Matrix) Each combination of Genre is represented in the Genre table and is given a value (ID\_G

enre).