

Normalized Schema

Films(filmID, title, runningTime, rating, genres, releaseDate, summary, popularity) *foreign key actorIDs and directorIDs

Genres(genreID, genreType)

FilmGenres(genreID, filmID)

Actors(actorID, firstName, lastName, birthDate, hometown, biography)

ActorRoles(actorID, filmID, role)

Directors(directorID, firstName, lastName, birthdate, hometown, biography)

DirectedBy(directorID, filmID)

Producers(producerID, firstName, lastName, birthdate, hometown, biography)

ProducedBy(producerID, filmID)

Users(userID, firstName, lastName, birthDate, registrationDate, password)

Ratings(ratingID, filmID, rating) *foreign key filmID)

ER Diagram:

