COMP3311 20T3   # Assignment 3   Database Systems
                           ## The IMDB Database

Last updated: **Saturday 7th November 11:29pm**
Most recent changes are shown in red ... older changes are shown in brown.

[Assignment Spec] **[Database Design]** [SQL Schema] [Sample Outputs]

Introduction

This document contains a description of the data model for the IMDB database. Note that schema is simplified from the original downloadable data available on line, and contains substantially less data. We consider only movies that were made after 1959 and have a reasonable rating. The original data contains a variety of other media types (e.g. TV series) and considers movies from the late 1800's onwards, even junk ones with low ratings.

Data Model and Schema

This section aims to give an overview of the data model. It concentrates mainly on the entities and their relationships. The details of attributes are provided by comments in the SQL schema.
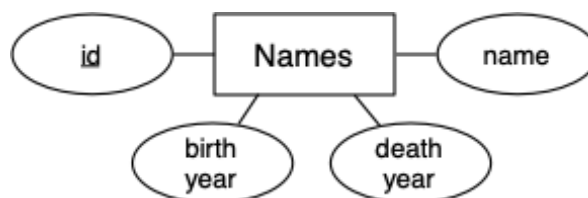
Treat the ER data model description below as an overview, and consult the SQL Schema for full details. The SQL schema makes some deviations from the ER design:

- entity names are singular here, but plural in the SQL schema
- attribute names are often shortened in the SQL schema
- the Aliases entity is given as a weak entity here,
  but has its own id (i.e strong entity) in the SQL schema

To make the presentation clearer, the data model is presented in a number of sections.

"People"

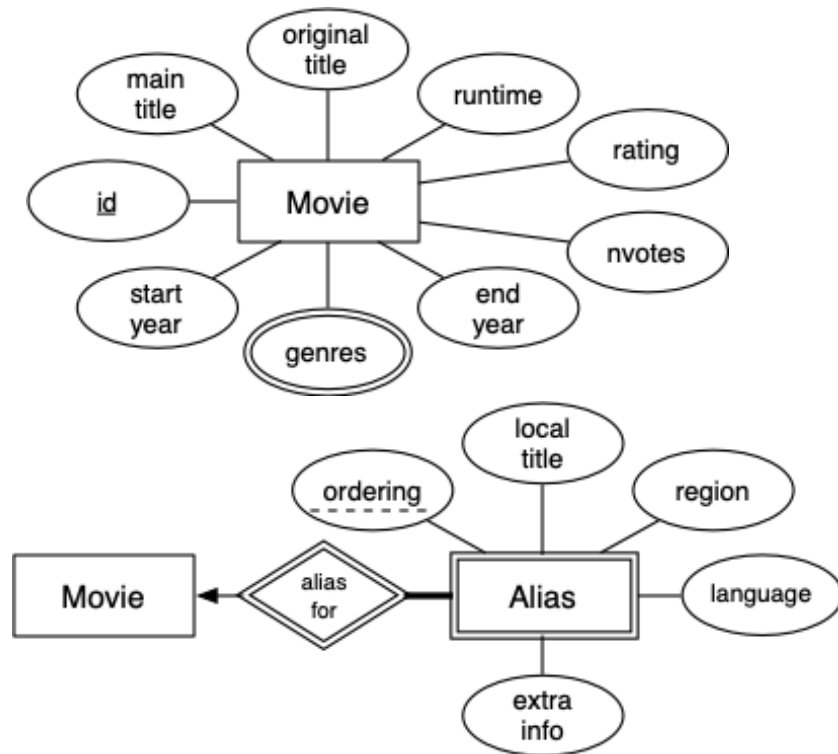Entities and relationships related to people and other entities who appear in movies.

Comments:

- xxx

Movies and Aliases

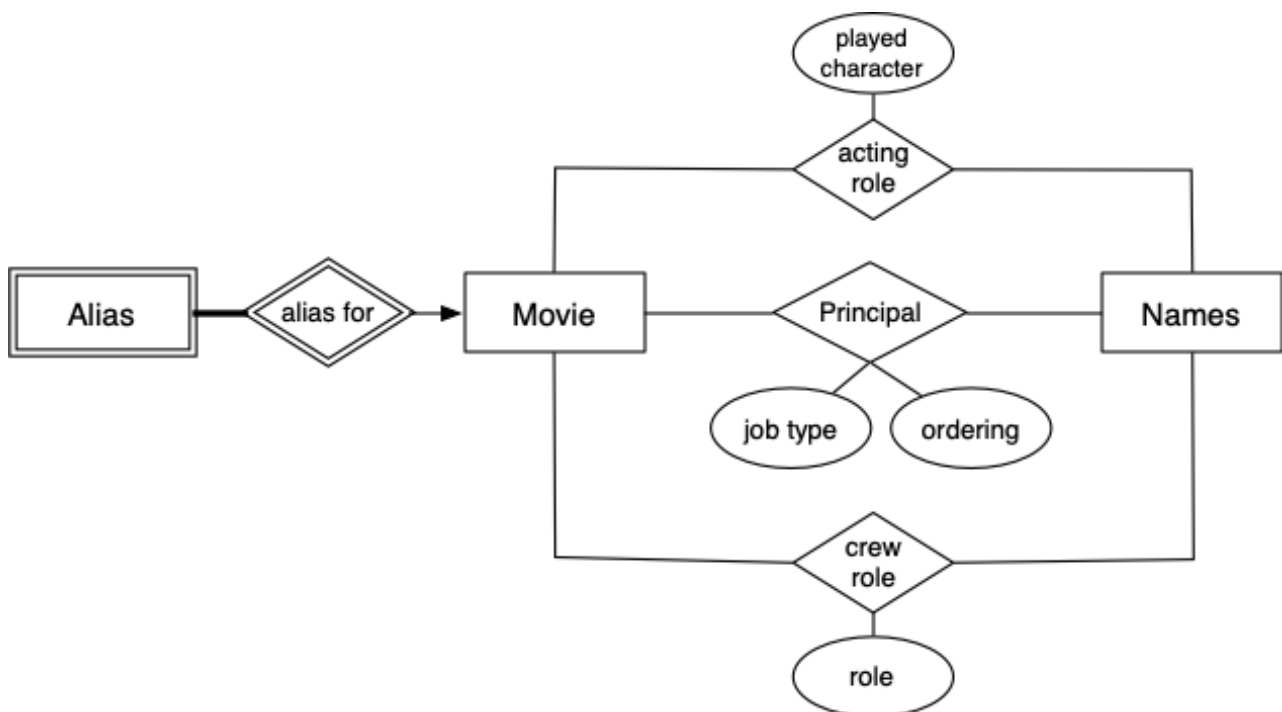Entities and relationships linking people and the unit they work in ...

Comments:

- xxx

Overview

All entities (without attributes) and relationships between them

Comments:

- xxx