Project: Movie Recommendation System

Authors	Admire Madyira, Takudzwa Mhuru, and Josue, Steven
Instructor	Matteo

Goals
- We are designing with a large demographic in mind, not a sole customer. From film enthusiasts, we asked, they want to be able to:
- Track movies
- **Discover** movies
- Discuss movies

*Discussing movies may fall out of our current scope

Data

- We are going to use the **IMDB** dataset specifically crew, basics, ratings, and name.basics

- Current attributes of interest are:
  - genre,
  - director,
  - cast,
  - Year released
  - Region
  - language
  - Writer
  - Rating
  - Movie title

Deliverables
- An easy-to-use **Web Application:**
  - Recommend new movies to users based on their review history and movie preferences (actors, genre, title etc).
  - Users will be asked to rate a few movies
  - Our algorithm will then rank movies based on the similarity scores with the user's profile, and recommend the top-ranked movies

Implementation

- ***Front-End***: Handled with HTML, CSS, Javascript, Django
- ***BackEnd***: PostgreSQL
- ***Server***: Linux server

ER Diagram