

Project name:

PlotSearch

Team members:

Anna Astori, Xinhao Wang

Domain:

Movies, Fictions

Brief application description:

An application to search for movies or fictions based on plot description. The user will be given a text box where the input can be sentences describing the scenes about what actually happened. Our system will return either movies or fictions that match such description.

Corpus sources:

Corpus will combine movie and fiction together

- TMDB: <http://www.themoviedb.org/documentation/api>
- IMDB: <http://www.imdb.com>
- OMDb: <http://www.omdbapi.com>
- The movie spoiler: <http://www.themoviespoiler.com>
- Gutenberg: <https://www.gutenberg.org>

Functionality:

Standard:

- retrieve movie or fiction information matching the plot description received from the user.

differentiators:

- user can decide to search movie only or fiction only or both
- ranking based on the level of matching (i.e. similarity between the description received from the user and the one stored in the database), or,
- ranking based on ratings (IMDB, Rotten Tomatoes, etc.), or
- ranking based on release date, or other metadata fields.
- optional search based on locations, historical time and actors, directors for movie, authors for fictions