Recommendation system – User Manual

This document contains instructions regarding operating the recommendation system project created by Rahul Raje.

The aim of the project to is to provide useful recommendations of **movies, books, animes.**

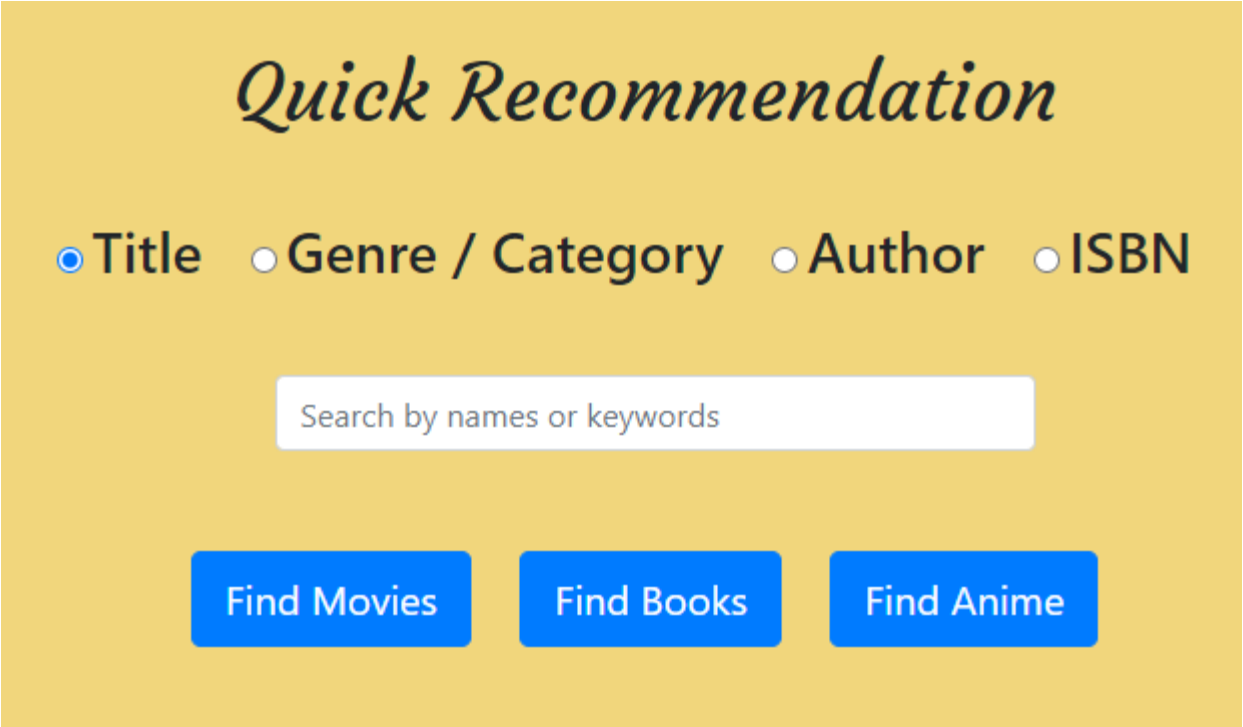
The project uses the following frameworks/applications:

- Django
- Bootstrap
- MongoDB
- Atom text editor
- Docker

The datasets used in this project have been downloaded from **Kaggle.com,** they consist of:

- Movies dataset ~ 40,000 movies
- Books dataset ~ 32,000 books
- Animes dataset ~ 20,000 animes

The Front Page:



For quick recommendations, you have four options to search with: title, genre/category, author, ISBN

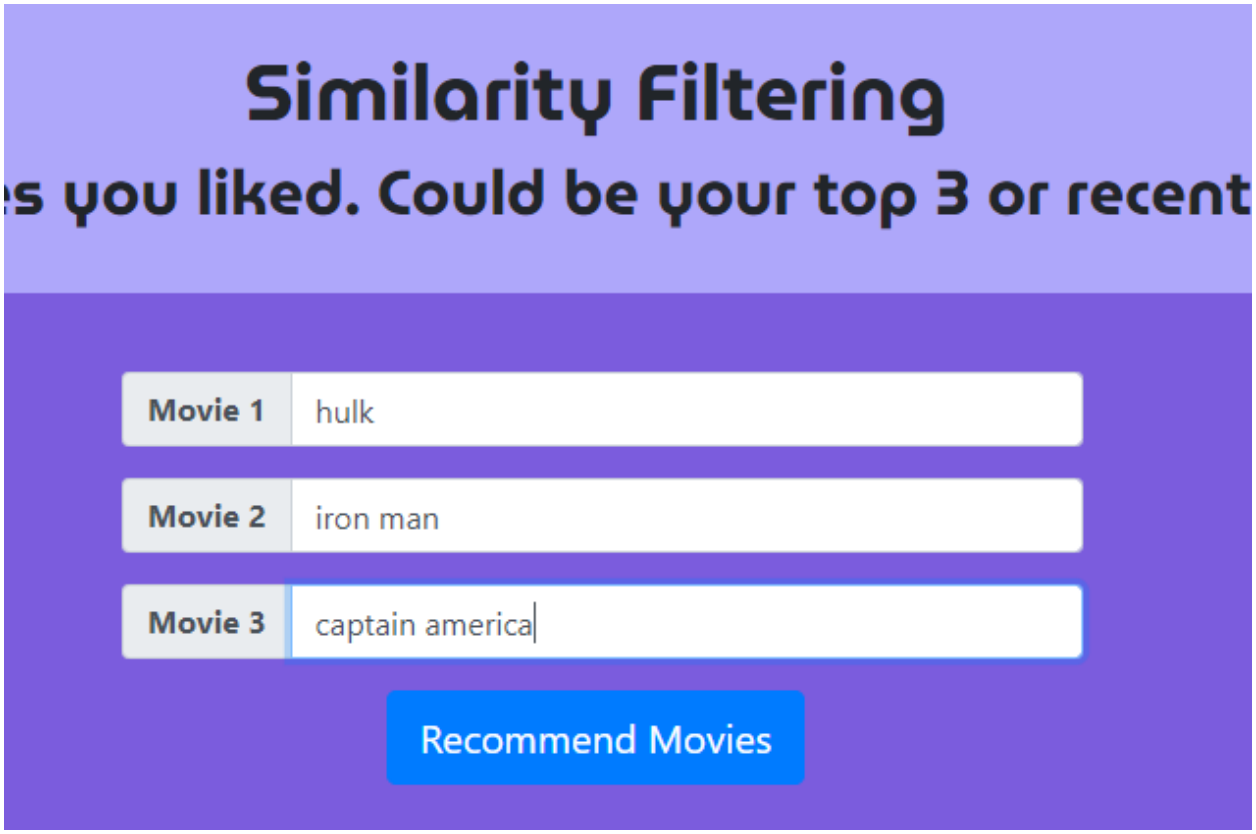
It is preferred to search with keywords that will be present in the name of the item than actually type the whole name of the item.

Preferred keywords (title): dragon ball, thor, iron man, alien, predator, hangover, harry potter, good, bad etc

Preferred keywords (genres): adventure, action, sci-fi, drama, crime, art (books), fiction(books), travel(books) etc

Note: while searching genres for books, try to use the genres from genre-based filtering on the book recommendation page.

Similarity filtering section:



The genre-based filtering of all the recommendation engines is pretty straight-forward and almost error free.

The similarity filtering sections though, can present the error page **when one or more items mentioned are not found in the dataset.**

Note: this can happen due to spelling errors or unnecessary punctuation marks. **Try to add the item in the quick recommendation first to find out if it is present in the dataset before adding as a similarity filtering query.**

Try not to input movies after 2010.

If the no of items having you query in their name are more than one then you are redirected to a page where you select the exact movie you want.

1) preferred queries for movie filtering:

Iron man – captain America – hulk – Thor –alien – predator – terminator – godfather – hangover – harry potter etc

Note: inception - interstellar - prestige will directly guide you to results page.

2) Preferred queries for book filtering:

Harry potter – inferno – Da Vinci code – mockingbird – Gatsby – 1984 – moby dick etc

3) Preferred queries for anime filtering:

Naruto – dragon ball – one punch man – pokemon – stone – baki – alchemist – death etc

Hope you have a good time exploring the project!