

Why Recommender System

Historically, in the past, we have been depended to another person for a good movie recommendation. With the advancement of technology and huge data now we can create an automated recommended system which can recommend a good movie specific to user choice. We don't have to rely to another person's opinion about which movie I might like, but this can be done automatically by using the recommender system and the best part of this system it will recommend a movie based on user interest. Movie recommendation will work according to user previous like, dislike and movie history and we can also integrate same user interest to make recommender engine more diverse.

Data Set:

https://www.kaggle.com/rounakbanik/the-movies-dataset#movies_metadata.csv

<https://grouplens.org/datasets/movielens/>

Three Similar App

<https://play.google.com/store/apps/details?id=com.marcandi.itcher&hl=en>

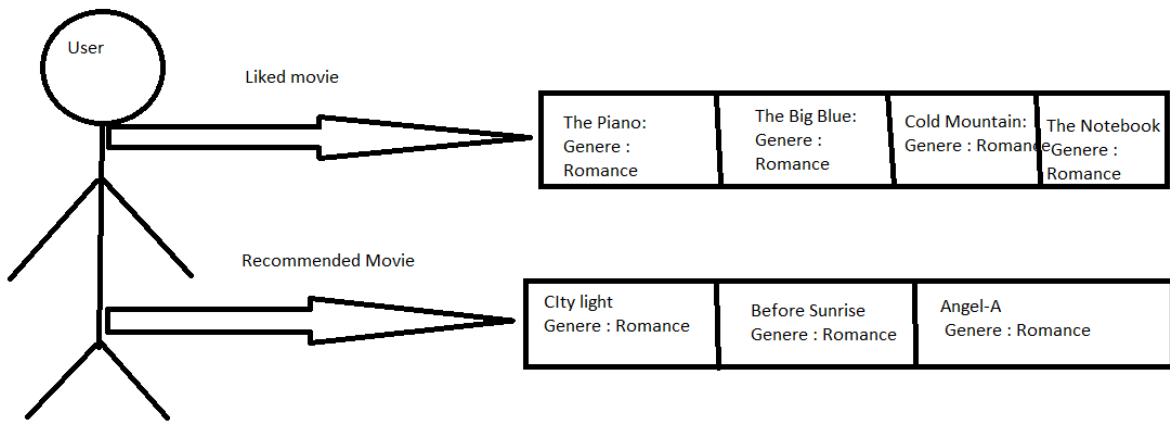
<https://itunes.apple.com/us/app/scarab-movie-recommendations/id992332506?mt=8>

<https://beautifulpixels.com/iphone/popcorn-app-movie-recommendations/>

Initial phase dataset layout and user diagram

Movie description

Movie Name	Genre	Homepage	Overview	Popularity	Language

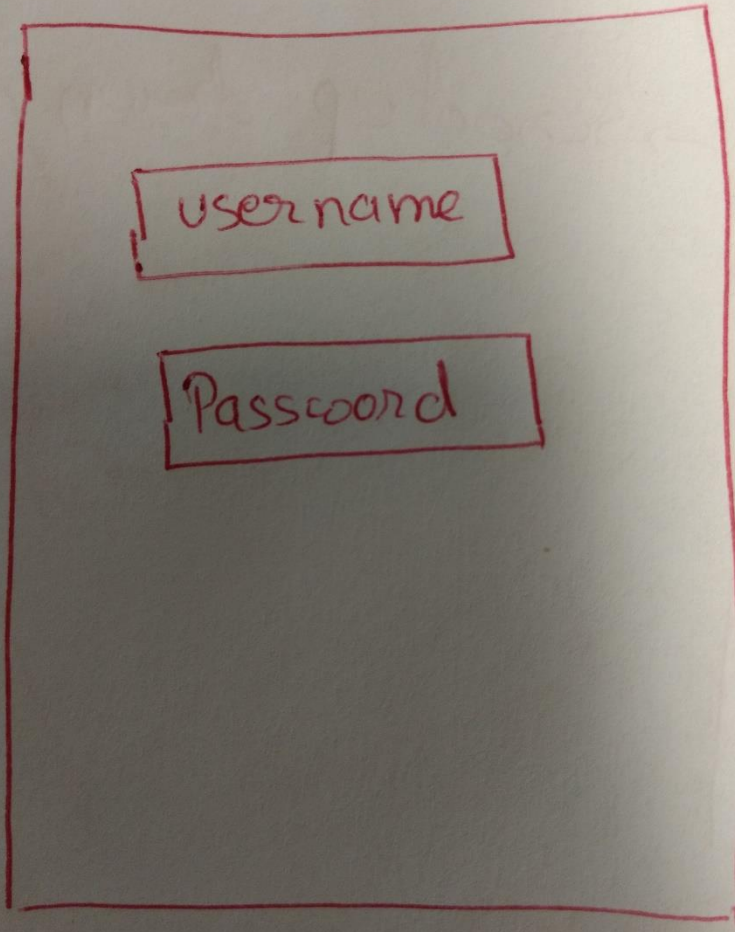


App feature



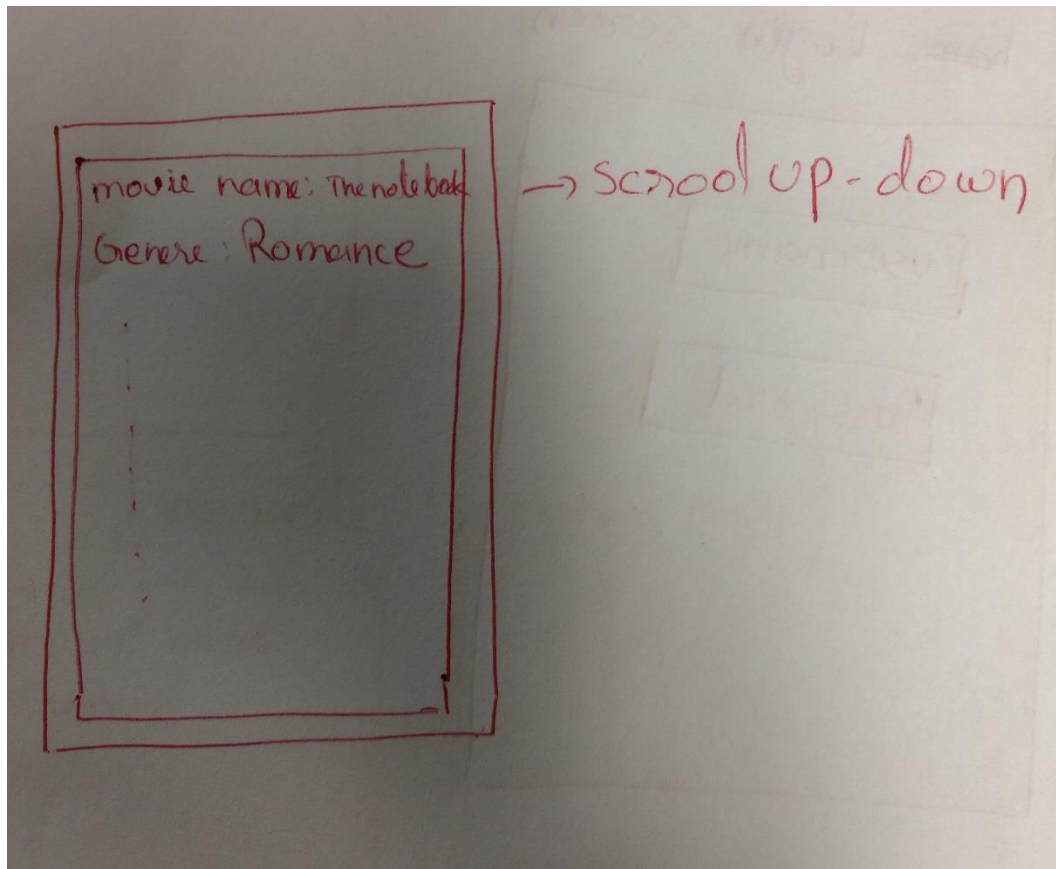
Initial sketch of app feature

~~here~~ Login screen

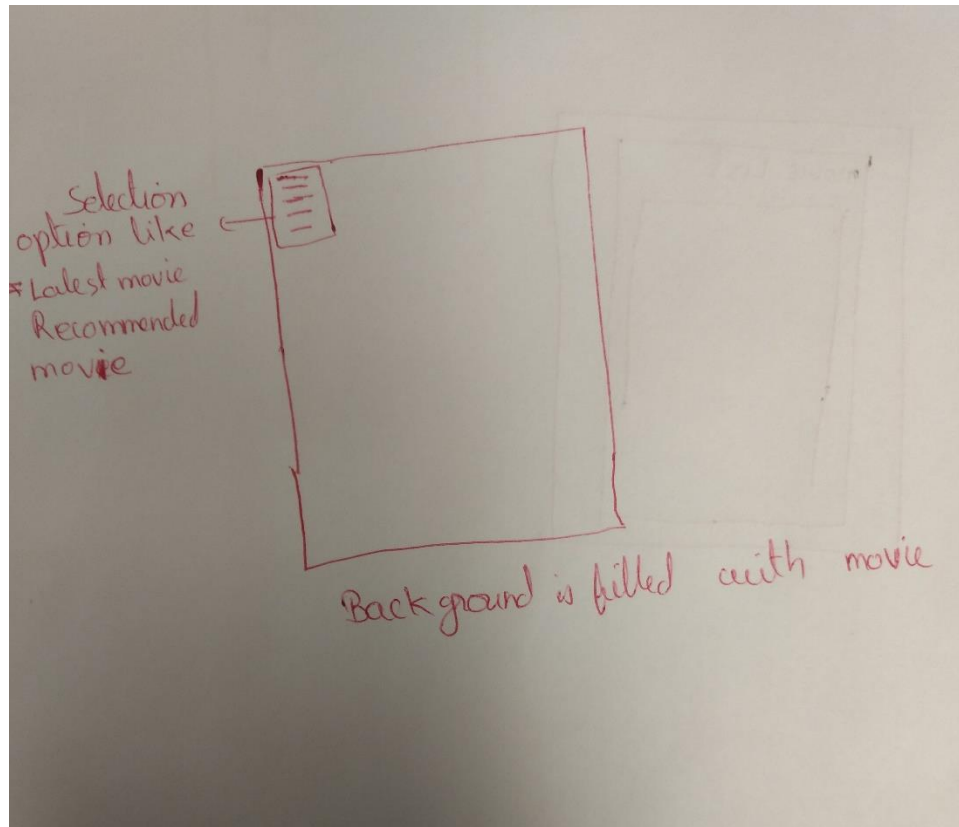


A hand-drawn diagram of a login screen. It consists of a large rectangle representing the screen. Inside this rectangle, there are two smaller rectangles stacked vertically. The top rectangle is labeled "username" and the bottom rectangle is labeled "Password".

Show list of movies to user



User can select recommended Movie choice



User can search specific movie

A hand-drawn sketch of a search bar, consisting of a rounded rectangle with a dashed line inside, indicating a text input field.

← search movie

↓ navigate to movie result

A hand-drawn sketch of a movie result card, containing the following text:

- movie name
- Genre
- Actor
- !
- .
- .
- .