Abstract:

Today's world internet present everywhere, due to its high availability and lot of choices present for everything users are unable to choose the right choice among them. From selecting good movie to best university to study etc.., Here the recommender systems play an important role.

According to statistics(survey conducted by semanticscholar.org) some of the companies that are largely benefited from recommender system are as below.

Netflix : 2/3 rd of the movies watched on netflix are recommended

Google News: 38% of the google news clicks are generated from recommendations made available to each user.

Amazon : Recommendations contribute 42% of the sales.

Dataset Link:

https://drive.google.com/open?id=1wSPSLCX8AJ35P1ssgPPe1gwsTmZL-3mO

Features it supports:

This Dataset contains the some filters based on some parameters like:

Adult : whether movie is certified to watch only by adults or not.

Budget: Contains the production cost of the movie.

Genres: Under which category the movie falls in.

Release date: The data when movie was released.

Revenue : The total revenue the movie collected so far.

runtime : Total length or duration of the movie.

Status : Movie is release or yet to be released.

This dataset also contains some information like Movie title, Overview, Tagline, Production, company/countries, ratings given, number of voters

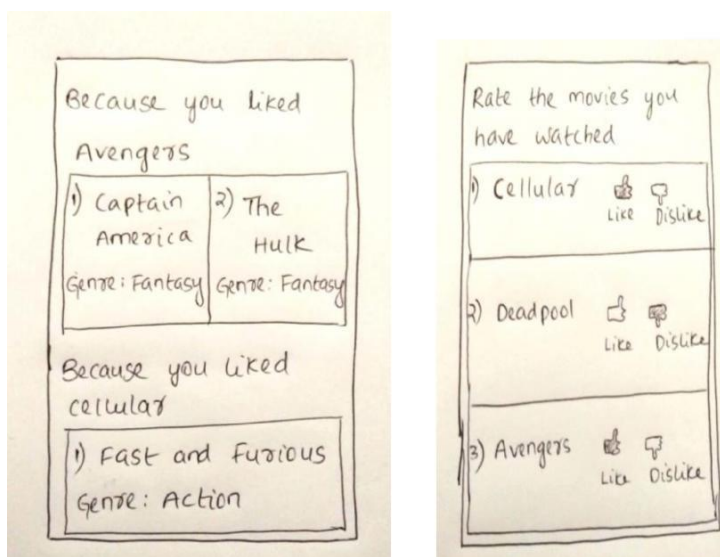**List of similar applications found were:**

Cinematics : The Movie Guide.

MovieRE – Movie recommendation engine.

Movie Recs : Movie Recommendor

Why Someone will need this app ?

➢ Today Recommender system is very important and growing rapidly, and these are used to recommend all kinds of content to the user, for example consider entertainment based scenario such as movies.

➢ Movie Recommender is important in our social life as this can suggest a set of movies to the registered users based on their interests or movie popularity.

➢ As already there are some movie recommender application on internet, the movie recommended system that am proposing has the ability to recommend movies to new user as well as the others.

➢ This application efficiently retrieves form the dataset , to collect all information such as popularity, by year and others required for recommendation.
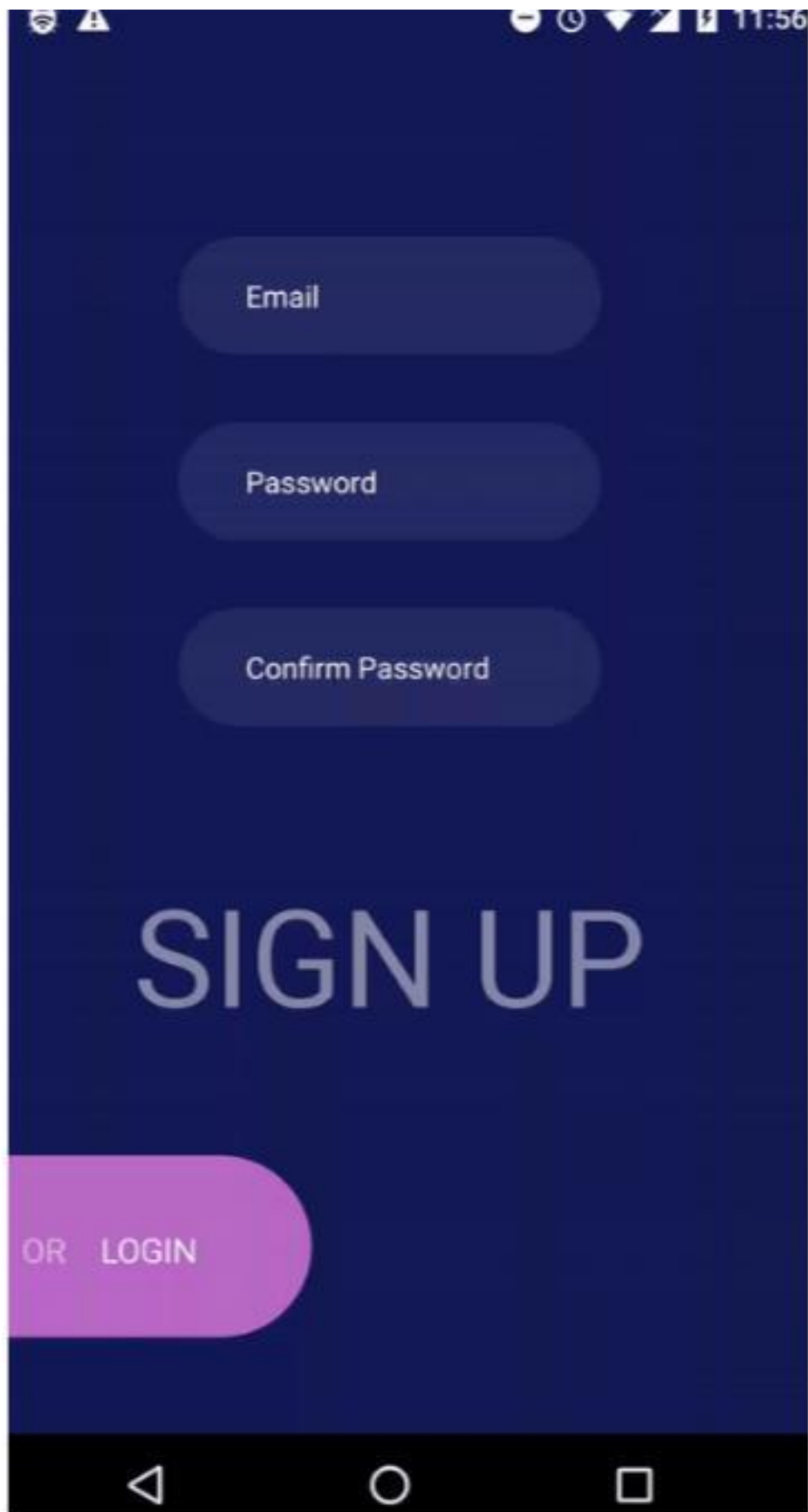
Sketches:

proto.io

MovieRecommder_DataMining
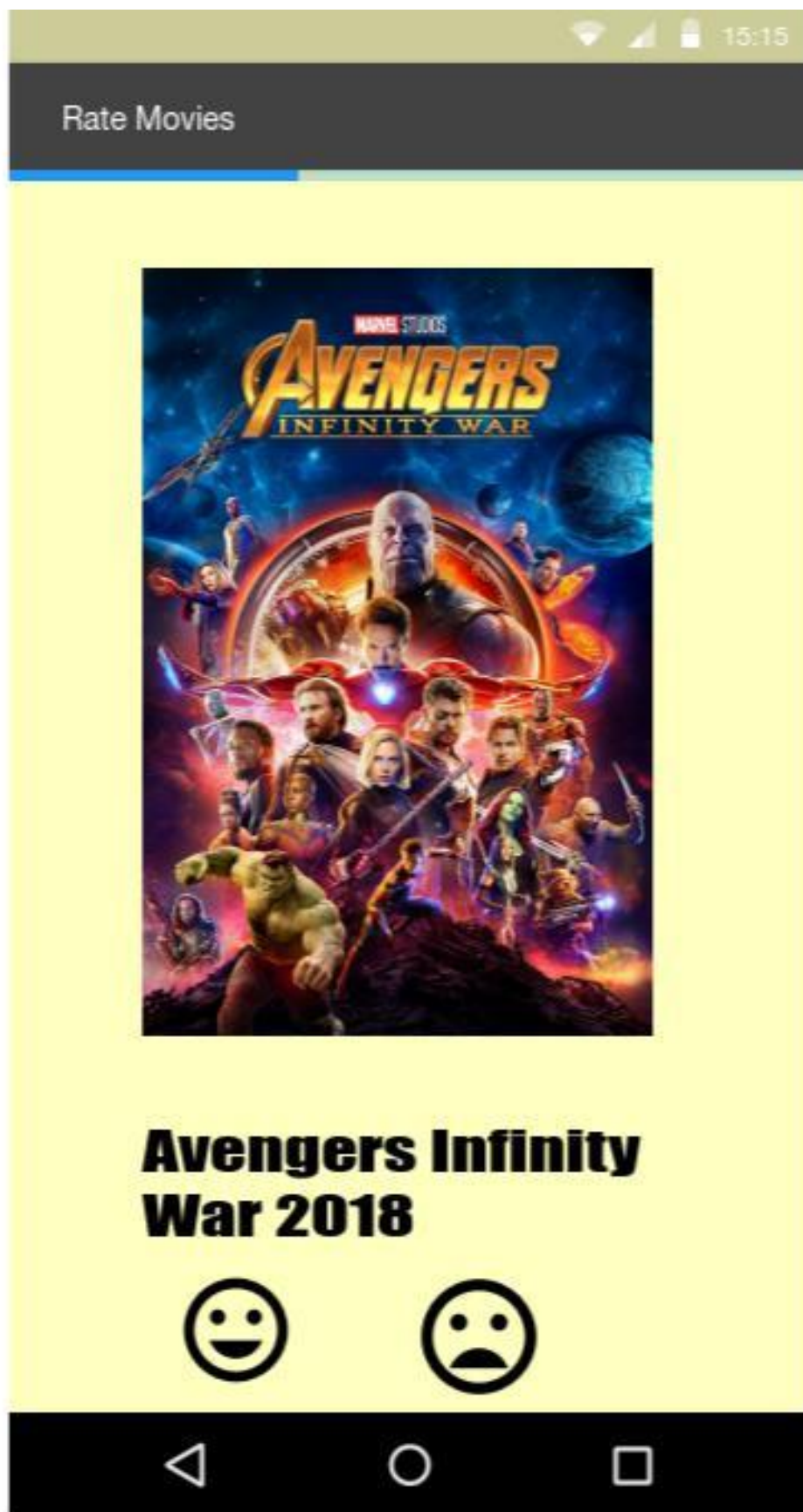
Vishnu Vardhan

6

screens

proto.io

Email

Password

Confirm Password

SIGN UP

OR LOGIN

proto.io

15:27

Your Recommendations

RATE AGAIN

proto.io

15:38

Filter ✕

Genres Any

Time Period From 1990 to 2018

Rating 5

15:45

Select Genres

ANIMATION

COMEDY

FAMILY

ADVENTURE

FANTASY

DRAMA

ACTION

Movie Recommendation Engine   ☰

Sort By: Relevance   ▼

12 Movies Found Where Genres = Action & Comedy And Keyword = Sports

1) Blades of Glory (☆6.7/10)

Tagline: Kick Some Ice.

Overview: When a much-publicized ice-skating scandal strips them of their gold medals, two world-class athletes skirt their way back onto the ice via a loophole that allows them to compete together as a pairs team.

2007   Action.Comedy.Drama

Play Trailer | Add To Watchlist

Search

SEARCH

Search Results for Quentin Tarantino

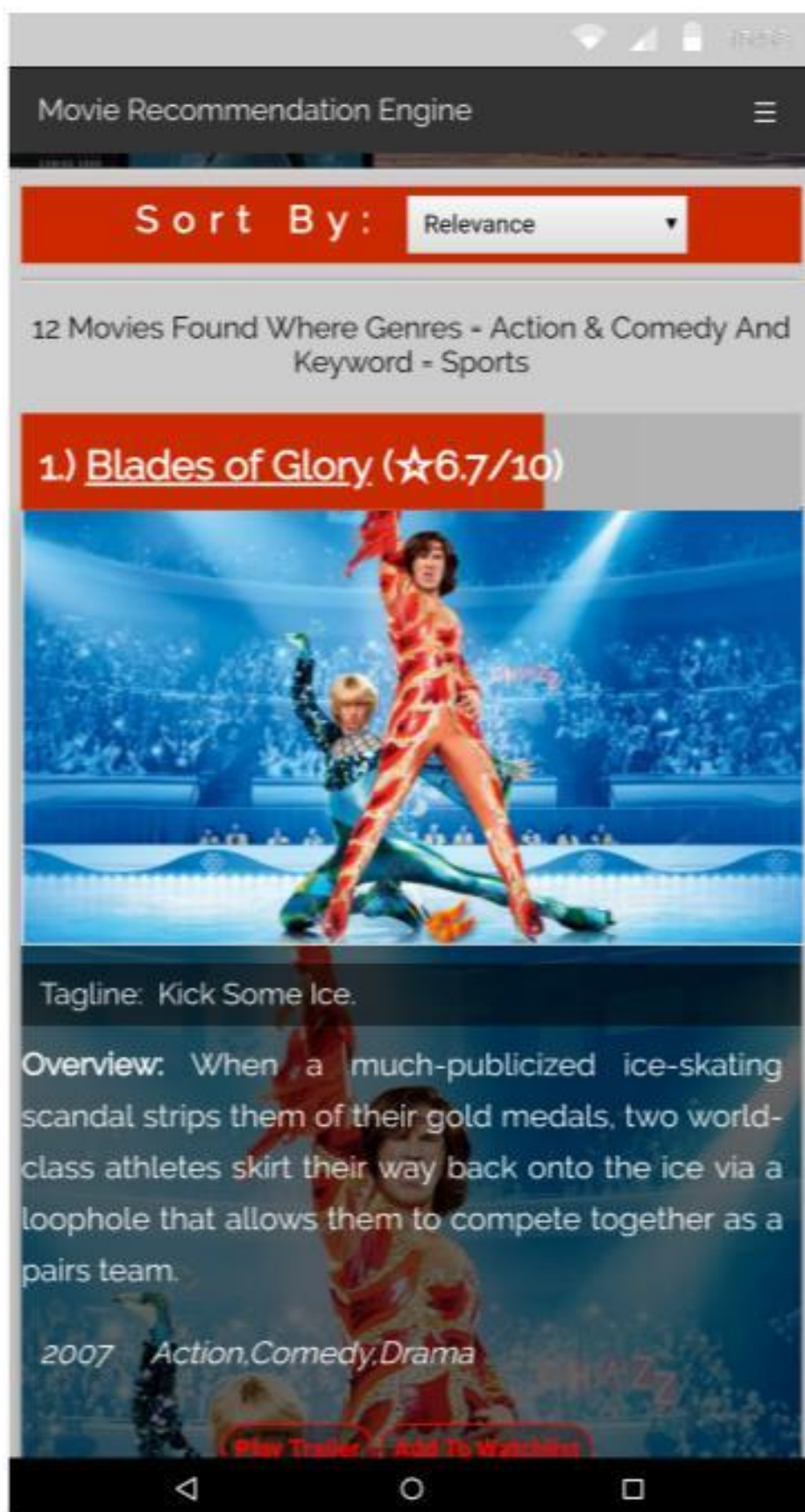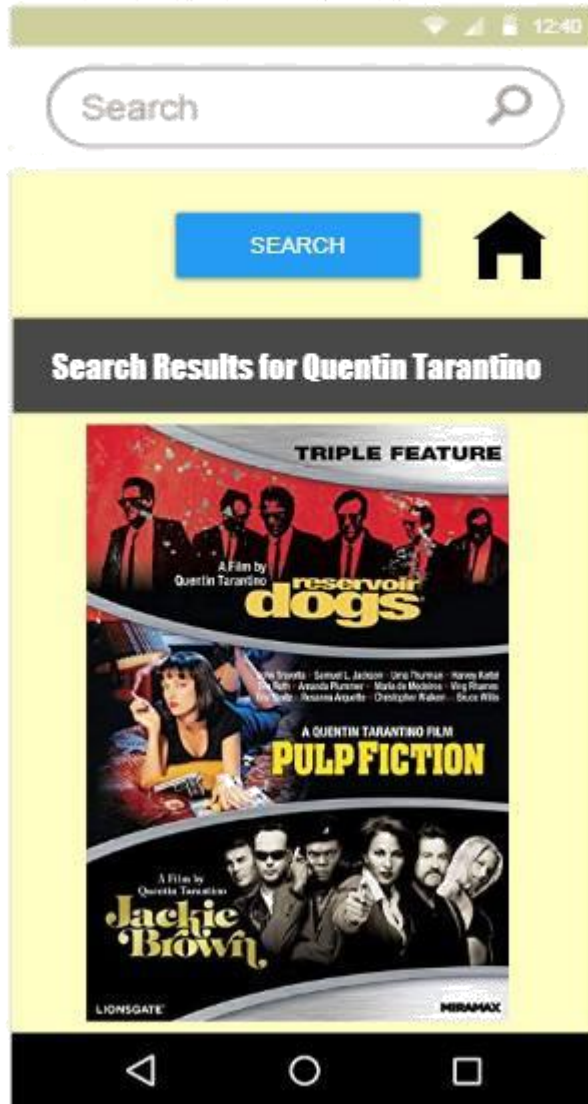**Project Phase-1 Implementaiton Report:**

The First phase of the project "search" implementation has been successfully completed by me. In this the user will be able to search with movie title and search engine will retrieve the movie title, overview, rating and genres. Except deploying it in public server.

Implementation & Challenges :

I had implemented my project in java using android studio. I had title column and plot column where detailed description of movie is found. As am beginner in developing a android application I faced lot of difficulties in choosing application design, deciding the programming language to implement in, after deciding the programming language faced lot of difficulties in starting with android studio and its environment and I referred some of the websites like stack overflow, you tube videos on how to create basic hello world application and launching it. After all these hurdles i faced challenges in converting the csv file to json file , retrieving the data from json file and performing search on json and displaying the search results back on to new activity in android is one of the most difficult part in implementation.

When considering the column title I had removed the white spaces in the value of title column and searched by ignoring the uppercase of the words. Next after successful implementation it took lot of time to build the .apk file and deploying it in the android mobile using usb debugger.

Till now I had implemented the application by storing the dataset locally instead in an different server but if given some time am confident of meeting this requirement and I learned a lot in this process of developing android application using the real time dataset.