

## CSE 5334 - DATA MINING - MAIN PROJECT PROPOSAL

### MOVIE RECOMMENDATION SYSTEM

I loved watching movies, especially action and thriller. My favorite time pass is watching movies with friends or family. Whenever I plan to watch a movie online I spend most of the time deciding what to watch and which one is a good movie.

So I think it will be great if there is an application which will suggest movies based on my watch history. Also i will suggest highly rated movies especially the movies that my friends or people who have the same interest in movies. This will save much effort on searching a good movie plus good movies will always be on top.

There are various recommendation systems and it reduces transaction time for users. It benefits both users as well as service providers.

As this application will give suggestions based on ratings of other users, there will be no fake ratings. Also in future i will develop a feature which allows users to see top highly rated movies from other categories as well.

The application will have main tabs as

Home - This will have all movies with all categories

History - This will show watch history of a particular user

Suggestions - This window will give suggestions on the basis of history and user ratings.

Ratings - This will show users rating and highly rated movies.

Similar apps that are already existing on internet are

Netflix

Amazon Prime

Youtube

Hotstar

The dataset I referred to build model is

<https://www.kaggle.com/ayushimishra2809/movielens-dataset>