Project Proposal

My project app is going to be a movie recommender application. I am going to try and narrow the movie app to only horror movies. I know this will limit the audience by removing all other genres but my love for movies is mainly a love for the horror genre. I feel like this would be a great way to make something different from the overall movie recommenders.

The dataset I will use is MovieLens data that is recommended for education. It is small and has about 100k ratings for about 9k movies which is about 1 MB in size. If enough time is left at the end then it will be upgraded to the 190MB file which features 2 Million ratings for about 27k movies. The basic feature supported will be typing in a movie and returning movies in similar category within horror. If done in enough time, then all genres will be added at the end. Dataset used ☐ http://files.grouplens.org/datasets/movielens/ml-latest-small-README.html.

There is a lot of applications already out there that do the same with all movies which include Netflix, Rotten Tomatoes and IMDB. I believe someone will need this app to help with a better recommender app especially if they love horror. Most applications out there right now use professional critics to rate movies and most of them are either biased or don't love the genre and give bad reviews. Netflix is limited to recommending movies they offer and sometimes show random recommendations. IMDB from personal experience put more popular movies at the top and Rotten Tomatoes has given bad reviews to movies that a lot of users end up loving. My goal will be to try and help people find the unknown movies that are great but unknown. This will be the hardest part of this assignment but I will work on trying to find some algorithm to perform this.