ISE 305: Final Project Statement

For my final project, I will be doing a database on the list of movies that I have recommended to a friend of mine. The reason I came to this decision was to help narrow the choices of movies he would be interested in based on what he would like to watch. Since he is not an avid movie watcher, I decided that by creating this database, it would make it simpler to find what movie he would like to watch based on length, genre, actors, or the year it was released. Thus, the entities of this database would be for the movies name, the director, two main actors, the MPAA ratings, the genre, the year it was released, the composer, the rating it has received from IMDB.com based on integer values (since IMDB tends to rate movies as a double value,) and a recommendations entity that would recommend certain movies based on my judgment if the person had liked a particular movie. What I would do then is to create relationships among all the entities, connecting different types of movies to each other based on different categories. By doing so, this would allow my friend to narrow down his search to a particular criterion of movies and to perhaps increase his interests in movies.

What I am hoping to accomplish is for my friend to constantly be recommended a new film and to continuously see an ongoing link of recommended movies for each movie. Although this database is very similar to the one for IMDB and Netflix, I feel like their recommendations are actually very weak and seem to come to a repetitive cycle. What I would like to do is to focus time and attention to that and to encourage him to view other genres and types of movies but also to encourage a slow change to a different genre. For example, let’s say that Saving Private Ryan is a movie that he had just seen. What I would recommend next is Atonement, which is a war/romance movie, which I would then recommend The Reader, due to the fact that as much as there is romance, there still an overwhelming idea of drama. After that, I would slowly transcend the recommendation list into more of a romance friendly genre, which I would then use the technique to bring romance to another drama, such as horror. With this in mind, I know that this database will not only organize my queue list for my friend, but also encourage him to watch these movies since he can make his search as clear as possible.