March 8th - Understand the Problem in-depth\\

Our group has got a now gotten a better understanding of how we can attack this problem. Our attributes will be able to help us use our model to estimate the probability of success (IMBD Rating, Budget, USA Gross, USA Opening Weekend Gross, Tomatometer, Metascore, Worldwide Gross).

March 14th - Develop a data base for the code\\

We first created a database where we stored our x attributes and our y success rating (1-10) in excel.

March 25th - Complete a base algorithm for Project\\

Our model first takes the data from the database (excel), then splits our data to a X and Y dataset. Our model will consist of a train/test split of the X and Y dataset. We used Linear Regression to find a relation between the X attributes and the rating, we then proceeded to use the K-Fold method to optimize our model.

March 29th - Complete Intermediate Project Report\\

This :D

April 10th - Research ways to make algorithm more accurate\\

We are in process of looking for better models to more accurate models to better predict the audience rating. We will look into how to determine if some of our attributes are irrelevant to the outcome (Y). We found out that too many attributes might negatively impact our prediction accuracy and have settled with the ones we have now. There were many other attributes that could have been used (star power, director power, etc.) but we found we weren’t able to find these attributes consistently on the internet, leaving lots of nulls in our data.

April 20th - Edit algorithm to be more effective and more precise\\

We will then look into if other attributes are relevant to the Y value according to the p value if they don't assist to the prediction we might go though and remove them from the training model. If needed we will have to choose a new model to get a better prediction rate if all else fails.

April 29th - Complete Final Project Presentation\\

We still have yet to start a presentation for our project but we will try to include some predictions our model will make on new movies during that time frame. We will show how our model works and how it compares to our testing dataset. The goal is to get a prediction rate of 70 precent.

May 4th - Complete Final Project Report