James McGee   10/13/17

CMPT 220   Professor Arias

Project 2 Proposal

     I am a business major with an emphasis in finance and a minor in information systems so I am aiming to do a project that incorporates business practices. For the project I am interested in making a java application that is able to track the stock price changes of publicly traded companies. By analyzing the data, one could make an assumption on which stocks to invest in based on recent market changes and shareholders' reactions to them, essentially showing how stock price changed after a period of time. This can be useful as it can gauge what is happening in the market and show price fluctuations and then give suggested values at which to sell based off how the ratio of days a stock was rising versus falling. The main stock price data is available on financial websites such as yahoo finance, cbs finance, and Bloomberg to name a few and from there can be implemented directly into the program. These sites generally have all the historical data of a company since their creation, and by focusing on more recent time frames can see how many shares were sold throughout as small a time period as a day, and at the highest and lowest prices before closing. Using the java application, I hope to be able to implement this data in live time to make more accurate predictions. This seems like an application with potential to help shareholders make decisions on stocks they are debating on purchasing.