|  |  |  |
| --- | --- | --- |
| **Project Proposal Template** | Date:2/7/2017    Name: George Nassour | Evaluation criteria: 1.Innovation (2)  2. Complexity (2) 3.Completeness(3) 4.Practicality(3) |
| Project name  Accountabilibuddy  Basic Accounting App that picks and chooses the best stock to invest in. |
| |  |  |  | | --- | --- | --- | | Team Member | e-mail | Role/Responsibility | | George Nassour | [George.nasour.673@my.csun.edu](mailto:George.nasour.673@my.csun.edu) | Front and Back end programmer |   Bio and experience: I have been working with Java since 10th grade. I am proficient with Java and have some experience in C. I am a calculus tutor as well at LO 1319 and I understand how to apply basic calculus to graphs and data. I also have a friend who is an economics major that will be assisting me throughout the project. | | |
| Problem statement: What problem it solves? Or, what feature does it improve?  My accounting app will help solve the problem of basic uncertainties in investments of stocks. Many people do not understand which stock to invest in, or simply have no idea how math and economics work. My program plans to solve some of the uncertainties and assist the user in choosing the best investment choices. | | |
| Measure of success: How will you know you have achieved your goal?  Data and graphs of stocks are all over the internet from Yahoo Finances to ETrade and they allow free use of their API and data as long as you use it to make freeware. Calculating the growth and decline of stock will be done using basic calculus and given that information along with the help of my friend in economics, we should create algorithms that picks and chooses the best stock to invest in. After programming that feature, I want to also look into creating graphs and visual representations of the data. I will attend Covington’s classes on MoWe 5-6 to try to get as much info in how to do it. | | |
| Proposal (100-200 words): How will your device solve the problem described, or improve the feature selected?  My project is an accounting app specifically designed to produce the best stock to invest in. It takes real world information such as the opening and closing prices of stocks, creates data, and (hopefully) graphs on which stocks are doing the best and which ones to invest in. The program does have some luck factored into it, as you cannot predict every increase and decrease in the near future, but it does plan to bridge some of these uncertainties by using simple concepts of the statistical method and algebra to derive the growth and decay. Initially, when we get an algorithm working to choose the stocks to invest in I will use strings, numbers and panes to represent my data. Later, I want to try to incorporate graphs and other graphical representations into my program. | | |