**Instructions**

We are going to have a Preliminary Presentation for the project on Friday, March 23th. There will be another announcement shortly about the place and time.

Note: Please read the instructions carefully. The purpose of this presentation is to introduce your project and the goals that you plan to achieve. The most important thing is that you clearly explain what is it that you're planning to achieve and how. It's not expected that you have many detailed system designs at this point.

You have to prepare a presentation for the project. Each group will have 7**minutes (strictly, plus another 3-minute section of answering questions during the presentation)** to present their slides (**all group members should present**).  Missing group members or consuming more than 7 minutes can lead to a penalty of 10 points each.

How to make your presentation interesting: please give short introductions on the outstanding features of your project instead of repeating the same content with other groups. However, these features will be checked in your final report and presentaion. So be creative and pratical.

What to submit and how: **only** the group leader should submit the PowerPoint file as **a PDF file (You still can use the PowerPoint file in the presentation).** The name of the PDF file **should** at least contain the**"Group #" and ".pdf".** Any kind of **wrong format** can lead to a penalty of 20 points.

Each team is expected to present the following:

1. **Contribution breakdown.** You should equally contribute to the assignment. However, it is up to you.
2. **General background** about your project.  
   Briefly mention existing systems, if any that provides similar functionality.
3. **The high-level architecture** (so called "block diagram") of your system.
4. **Use case(s)** that will be supported by the system that you're planning to develop.
5. **Web service interface**: what will go in and what will come out of your planned Web service; this means determining the *signatures of methods* (operations) that will be possible to invoke on your Web service
6. **Prediction Strategy (Long term and short term)** that can help in stock investment decisions and that your team will track. Although some degree of overlapping between the teams is acceptable, different teams should consider at least some unique parameters. (Of course, all projects should be developed independently of each other.) **Briefly** explain the following:
   1. how are these indicators(trends and patterns) calculated and what "raw" data go into this calculation（用什么pattern 怎么计算）
   2. your rationale for selecting these indicators
   3. assuming that your system will eventually be able to recognize these indicators, how will the observed indicators be **integrated** into a single decision/recommendation (such as "buy", "sell", "hold", etc.)（怎么将pattern和操作结合起来）
7. **Web sources** where you'll gather the "raw" data that you'll use in calculating the above mentioned indicators for stock-investment decisions
8. **Achieved Tasks**
9. **Your plan** of work (including the time line), indicating the milestones and who'll do what.