Task list

No.	Task name	Task content	Person in charge	Due date	Milestone
1	Find one more data source	1. In addition to our current data source, find one more data source	Hongzhi Ren	April 5	
2	Determine final dataset	1. Crawl data from two sources. 2. Determine final dataset size.	Hongzhi Ren	April 7	yes
3	Analyze raw data	1. Determine total company set to be analyzed. 2. Analyze company category and make a collection list. 3. Find useful information.	Jiajie Tang	April 7	

4	Features brain storm	1. Every group member will be assigned to give 3 creative and practical features.
		2. These features are the potential output features of our project.
		3. Also provide the implementation algorithm details.
		4. Hand in the result to google doc before discussion.
		5. Features example:
		  a. Return stocks with high correlation to the input stock
		  b. Return industries with high correlation to the input stock
			Yun-shao Sung
			Jiajie Tang
			Hongzhi Ren
				April 8	

5	Discus and select features	1. Have a group discussion after class to determine the final features that we are going to implement	Yun-shao Sung Jiajie Tang Hongzhi Ren	April 9	
6	Move data to Hadoop cluster	1. Move data to NYU Hadoop cluster	Jiajie Tang	April 12	yes
7	Features implemention assignment	1. Each group member will be assigned at least one feature to implement.	Yun-shao Sung Jiajie Tang Hongzhi Ren	April 14	
8	Implementation algorithm discussion	1. Discuss about the implementation algorithms of mapper and reducer for different features. 2. Algorithm refinement	Yun-shao Sung Jiajie Tang Hongzhi Ren	April 16	
9	Implementation	1. Every group member should	Yun-shao Sung	April 20	

	Draft	design their first draft of implementation of their assigned features.	Jiajie Tang Hongzhi Ren		
10	Implementation test & modification	1. This can be a development cycle that can repeat many times during the period.	Yun-shao Sung Jiajie Tang Hongzhi Ren	May1	
11	Implementation settle down	1. Final features implementation settle dowm	Yun-shao Sung Jiajie Tang Hongzhi Ren	May1	yes
12	Project report	1. Collect previous design, implement and test documents. 2. Give an overview of out project by the project report	Yun-shao Sung	May3	
13	Prepare project result presentation with Animation effects	1. Use modern animation libraries to illustrate out project function feature, test results and improvements in a direct way.	Jiajie Tang	May5	
14	Prepare Project Demo	1. Prepare for the project presentation demo	Yun-shao Sung Jiajie Tang Hongzhi Ren	May6	
15	Project Presentation	1. Give the final project presentation	Hongzhi Ren	May 7	yes