

Requirements:

ID	Functional Requirements	Category	Priority
1	Ability to extract tweets from Twitter	Collecting Data	Must Have
2	Filter tweets during extraction	Collecting Data	Must Have
3	Retrieve tweets based on location	Collecting Data	Must Have
4	Retrieve tweets based on language	Collecting Data	Must Have
5	Retrieve Realtime Tweets	Collecting Data	Must Have
6	Retrieve Historical Tweets	Collecting Data	Should Have
7	Store extracted Tweets in tables	Storing data	Must Have
8	Find the stance and influences of tweeters	Processing data	Must Have
9	Process the tweets into sentiment data	Processing data	Must Have
10	Top 10 tweeters that tweets on that subject	DashBoard	Must Have
11	A graph of indexed sentiment data versus number of tweets	DashBoard	Must Have
12	Display the number of total tweets	DashBoard	Should Have
13	Comparison of tweets between different genders	DashBoard	Could Have
14	Correlate the graph populated and the demand cycle data	DashBoard	Must Have
15	Allow users to input a keyword	Input	Must Have
16	Allow users to insert demand cycle	Input	Must Have

Project Plan:

Week	Target	Category
1 (15/1/2016-22/1/2016)	To enable the system to extract tweets	Collecting Data
2 (22/1/2016-29/1/2016)	Enable the system to allow user to input conditions such as location and language	Data Input
3 (29/1/2016-5/2/2016)	Enable the system to take in demand cycle data	Data Input
4 (5/2/2016 - 12/2/2016)	Code the calculation for the correlation between sentiment data and demand cycle	Correlation
5 (12/2/2016-19/2/2016)	Complete the Dashboard	DashBoard
6 (19/2/2016-26/2/2016)	Finish any remaining requirements	General
7 (26/2/2016-4/3/2016)	Get feedback from client	Feedback