## General Spec list: Customer (Herc) specifications:

* Main goal: Track how politics, news articles and social media affect the stock market
  + eg. politicians tweet out about events and people retweet/reply to them  
    data from a few politician twitters
* Create a website application for the user/client to find the data they need
  + On the one side, what the politicians are sharing on twitter
  + On the other, how news articles are talking about events and the comments on these articles
    - Based on these comments, would like to track how citizens are viewing political events/comments
  + Then, after these are specified by the user, how in general this affects the stock market;
    - e.g: A politician makes a comment about the facebook privacy/data tracking through the iOS platform, analyze it with public comments, then look for any correlation/effect on Facebook’s stock value
* Find keywords that are related to the topic of "facebook, privacy, iOS"
  + Find articles linked to these keywords
* Aggregate comments from these articles and check positive/negative perception
* Input for choice of politician, event/keywords, and stock being viewed starting date and finishing date so you can check past data in a timeframe
* Identify events/trends from the past
* Stretch goal: quantify public opinion webpage and java-based android application

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Perfect fine

***Bring chocolate for next time***

***Does not matter the form***

***Could even be raw cocoa***

***Shot of adrenaline. Bruh that’s called 5 hour energy***

***Bring chocolate flavor 5 hour energy***

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| --- | --- | --- |
| Title: | | |
| Acceptance Test: | Priority: | Story Points: |
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TEAMS

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| --- | --- | --- |
| Team focus: | Leader: | Other members: |
| Twitter (Web Scraping, data collection, sentiment analysis, storage…) | Ishani Ashar | Josh Garner  Daniel Shapiro  Gary Ung  Jordan Greenberg |
| Backend (interfacing with database/front end/database establish) | Yi Jing | Justin Ho  Han Zheng  Shilong Zong  Yuhan Cai |
| Website/App (frontend) | Jamie Shamilian | Matthew Dimaculangan  Aki Maher Charlie Plate  Sapna Gera |
| News (Web Scraping, data collection, sentiment analysis,storage…) | Ian Gomez | Hien Bui  Bryan Ng  Zachary Talarick  Michael Lyons |
| Prediction/Statistical Analysis | Ryan McCauley | Jason Meyerberg  Liam King  Brandon Patton  Matt Doucette |