

## Project Part 6: Final Submission

Title:

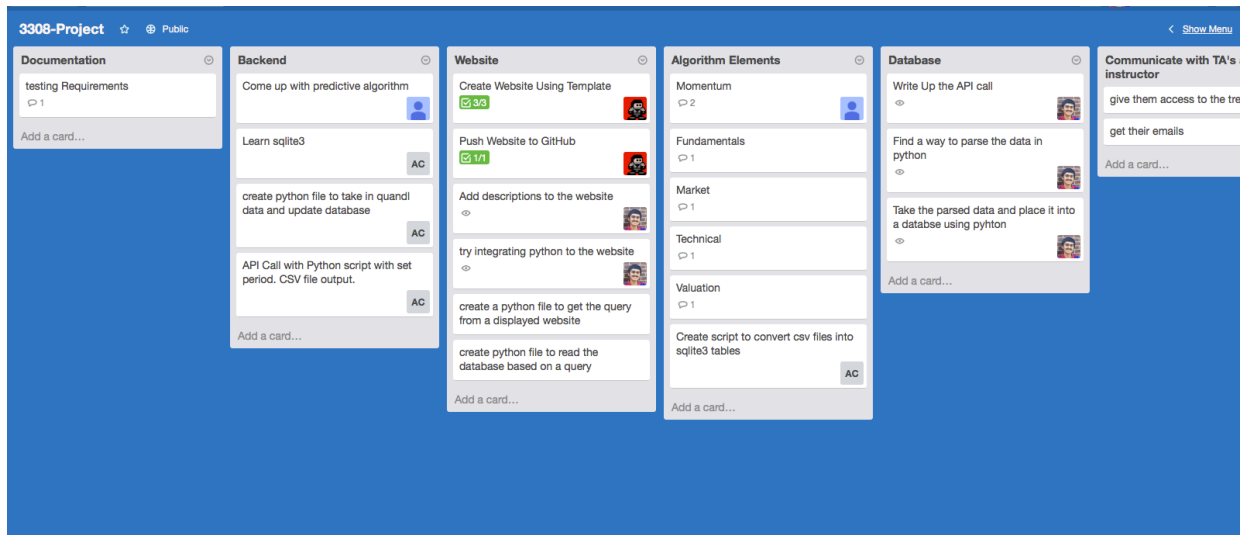
Stock Insights

Who:

Kevin Flynn  
Jason Hill  
Andrew Callahan  
Soham Shah

Project Tracker Trello:

<https://trello.com/b/Lyux3Cda/3308-project>



Video:

[https://github.com/jjh68069/3308\\_Project/blob/master/Documentation/ProjectPart6/ProjectPart6.avi](https://github.com/jjh68069/3308_Project/blob/master/Documentation/ProjectPart6/ProjectPart6.avi)

VCS:

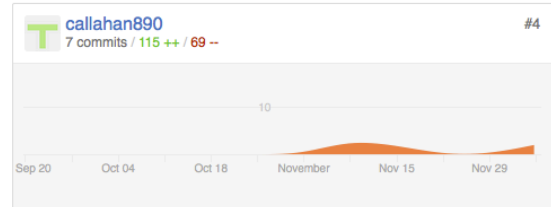
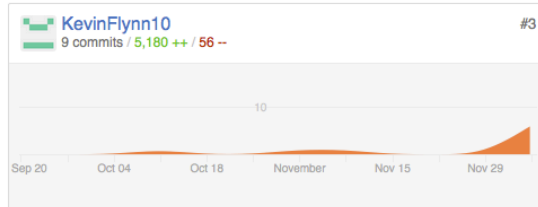
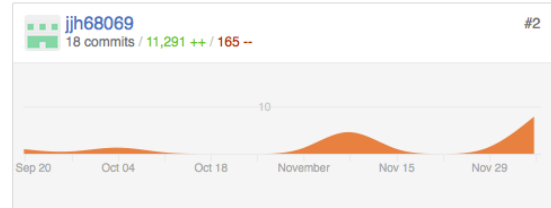
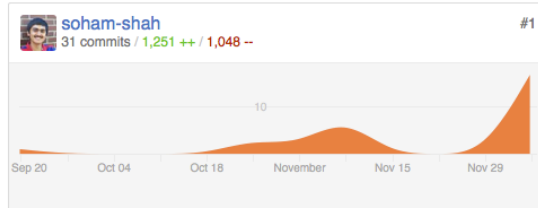
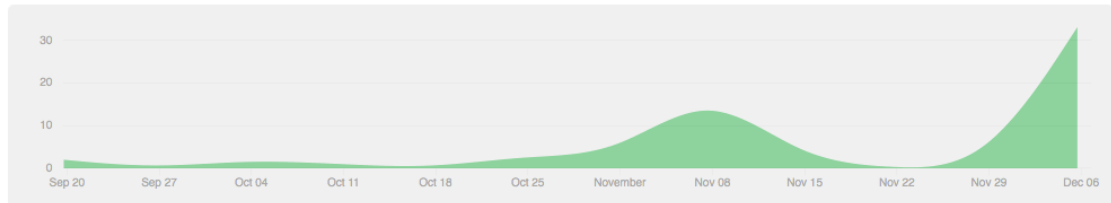
[https://github.com/jjh68069/3308\\_Project](https://github.com/jjh68069/3308_Project)

Screenshot:

Sep 20, 2015 – Dec 7, 2015

Contributions to master, excluding merge commits

Contributions: **Commits** ▾



### Deployment:

<http://soham-shah.github.io/index.html>

Simply go to the following website to see the stocks. At the moment the only stock that will display is "aapl." This is for testing purposes.

You can also run the website locally. Download the github repository to your desktop. Then in terminal, navigate to the HTML folder. Type "Python -m CGIHTTPServer" without quotes. Open the default webbrowser and in the addressbar type in localhost:8000 and the website should be displayed.

### Auto-Doc:

[https://github.com/jjh68069/3308\\_Project/tree/master/Documentation/html](https://github.com/jjh68069/3308_Project/tree/master/Documentation/html)

# StockInsights 0.1

Synergistic innovation in an agile web based platform for security analysis and recommendation.

Main Page

Classes

Class List

Class Index

Class Hierarchy

Class Members

Algorithms

StockAnalysis

Search

## Algorithms.StockAnalysis Class Reference

Public Member Functions | Public Attributes | List of all members

### Public Member Functions

```
def __init__
def momentum
def printResults
```

### Public Attributes

```
filename
```

### Detailed Description

StockAnalysis Class Documentation

### Member Function Documentation

def Algorithms.StockAnalysis.momentum ( self )

Momentum Method - we start with a 6 column csv file: date, close,volume, open, high, low and find the moving average by adding the past 20 days of closing prices and dividing by 20. If the current price is above the moving average, that is considered auspicious for the stock's prospects.