Project Plan

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1 The project as a whole

1.1 Background

People have long been using correlations between the stock market and market analyses to see how the market changes. As of late there has been an increased interest in finding other factors of how the market is evolving. One of these factors is called "Trending" which mean that you try to measure how much activity surround a company or product.

1.2 Goal

The goal of the project is to develop a tool to make it easier to make trending reports and alerts when there are trending spikes about a specified company or subject.

1.3 Solution - S.M.A.R.T-Goal

- Specific - Develop a tool for trending analysis.

- Measureable - We can see if these trends give valuable information and check correlations with for example stock market.

- Acceptable - Since it's only me involed in furthering this project I accept this project.

- Realizable - I have enough knowledge and time to create this.

- Timespan - The project has a timespan of about one month.

1.4 Avgränsningar

The program will only cover google trends data from start

If time will be given, then will expand this to involve twitter trends and further involve correlation tests.

2 Overview

2.1 Work breakdown structure

- Take data from google trends

- Ready the python flask website

- Combine the trend part with the login python flask website

- Work on visualizing

- Test of simple login and set trend alerts

3 Development method

I have chosen to use the Agile method of developing. This means I will be flexible in my planning. The reason I picked the agile method is due to the projects very nature is very flexible and choises need to be done on the get go.

4 Report routines

Will perform code sprints with goals for each week which will be updated as we progress further and further into the project. Need to first get an overview of the project as a whole.

5 Goals

Nr	Description	Date
M1	Overview of the project	2019-01-26
M2	Revisit when plan done	date
M3	Revisit when plan done	date
M4	Revisit when plan done	date

6 Finished product

Will have the project on my github and try to get it live on a base website to be used on a secure website to better show it live.