Project Initiation Document

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# Introduction

Cryptocurrencies such as Bitcoin are a store of monetary value with a volatile price. Purchasing them can result in huge profits or losses of fiat value depending on whether you act at the right time or not. Due to the basic needs of a human being – the need for rest, nourishment, etc. – it is impossible for a single investor to monitor the market all of the time, but with cryptocurrency exchanges never closing, there is a need to do so. It is also possible for a human to apply bias to the decision itself when the need to act arises – favouring currencies that they like the name of, have earned them profitable positions in previous experiences etc. A good night’s sleep coupled with a poor decision can very quickly turn a profitable portfolio into an unsuccessful one.

# Business Case

## Business Need

Currently investors are required to spend a considerable amount of time researching technology behind a particular currency to decide whether to invest or not, potentially missing the optimal opportunity to purchase and therefore miss out on potential profits. Coin prices often spike up and down following news articles, endorsements and criticisms from celebrities, and various other factors including investors simply following the market because they are worried about the value of their portfolio as one currency reduces in value, so they switch to another currency.

## Business Objectives

# Project Objectives

# Initial Scope

# Resources and Dependencies

# Method of Approach

https://en.wikipedia.org/wiki/Stock\_market\_prediction

http://www.nature.com/news/counting-google-searches-predicts-market-movements-1.12879

https://trends.google.com/trends/explore

# Initial Project Plan

# Initial Risk List

# Quality Plan

# Legal, Social, Ethical, and/or Professional Issues

# Miscellaneous Issues