MIDAS TECHNOLOGIES: Executive Summary

**Mission Statement:**

The goal of Midas Technologies is to develop algorithmic investment software over-time to build a diversified fund of algorithmic trading strategies that yield an above market return on as frequent a basis as possible.

**Business Model:**

Build an algorithmic trading Python program, that accurately predicts, and trades shares and options on the price of crude oil. This algorithm will have the goal of getting a given return with a given risk level on a weekly basis. The algorithm will not be used on the market until it has a consistent win rate of 60% and above. We will trade this based on technical indicators

**Technology Overview:**

The program will be built like this:

1. Price Prediction Models:
   1. Speculative Indicators: These will be functions that analyze aspects of a news article or other variable to come to a conclusion of how much the price of oil will change in a dollar value. Each indicator needs to print out a predicted price for tomorrow
   2. Economic Indicators: These will be functions that analyze relationships between different economic factors based on data such as GDP, supply, demand, and USD. Each indicator need to print out a predicted price for tomorrow
   3. All prices will be fed into a weighted average formula. The formula will show the predicted price at market close tomorrow. The weights represent the percentage the market thinks that particular indicator is important
2. Market Importance Ranking
   1. Based on optimizing of the above problem to minimize margin of error, we will find the weights. These weights will be the backbone of our predictions and we

must test them continuously to find the most accurate price prediction.

1. Trading Bot

MIDAS TECHNOLOGIES: Roles and Responsibilities

**Board of Directors:**

**Jacob Mardian:** 1 Vote

* Equity: 33.33%
* Role:
* Responsibilities: Business paperwork, research, learn more about trading strategies, code trading bot

**Griffin Witt:** 1 Vote

* Equity: 33.33%
* Role: Chief of
* Responsibilities: Building the intrinsic evaluation system. Finding the relationships between different economic and measurable factors to determine a price

**Collin Schaufele:** 1 Vote

* Equity: 33.33%
* Role: Chief of Systems
* Responsibilities: Building speculation model that finds an estimated price based on as many possible speciulative indicators as possible and get a license