* Data Manipulation:
  + Pytrends to download reports from Google trends
  + Potential keywords selection
* Use Cases (Describe how the components interact to accomplish the use case):
  + Input: Company selection.
  + Output:
    - Upcoming earnings Report Date based on current input time + remaining days till next earnings date
    - Likelihood of Stock price will go up or down on the next upcoming earning report release date
    - Plot of trend line of historical data (daily, percentage of change)
* Functional Specification of Components

Name, What it does, Inputs (with type information), Outputs (with type information) Pseudo code (Existing package or something will be built)

* + Earnings Date
    - What it does
    - Inputs –
    - Outputs –
    - Control Logic (Suedo Code)
  + Prediction of stock price
    - What it does
    - Inputs – Company name, string
    - Outputs –
    - Control Logic (Suedo Code)
  + Historical Data Plot
    - What it does
    - Inputs – Company name, string
    - Outputs –
    - Control Logic (Suedo Code)
* Project plan. Provide details for what you'll accomplish in the next two weeks, and higher level descriptions for the remaining weeks in the quarter so that the end result is that you have implemented and tested a system that accomplishes your use cases.