**CMPUT 401 - Assignment 2**

**Research and Screening:**

* List all the issues that are related to the piece of code to which you were assigned to
  + <https://github.com/ranaroussi/yfinance/issues/134>
  + <https://github.com/ranaroussi/yfinance/issues/138>
  + <https://github.com/ranaroussi/yfinance/issues/184>
  + <https://github.com/ranaroussi/yfinance/issues/151>
  + <https://github.com/ranaroussi/yfinance/issues/570>
  + <https://github.com/ranaroussi/yfinance/issues/638>
  + <https://github.com/ranaroussi/yfinance/issues/589>
  + <https://github.com/ranaroussi/yfinance/issues/573>
  + <https://github.com/ranaroussi/yfinance/issues/344>
  + <https://github.com/ranaroussi/yfinance/issues/566>
  + <https://github.com/ranaroussi/yfinance/issues/198>
  + <https://github.com/ranaroussi/yfinance/issues/395>
* List all the pull requests that are related to the piece of code to which you were assigned to
  + <https://github.com/ranaroussi/yfinance/pull/648>

**Test Plan Document:**

* **Test Objective:**
  + **‘yfinance’** is a popular open source library developed by [Ran Aroussi](https://aroussi.com/) as a means to access the financial data available on Yahoo Finance.
  + **Yahoo****Finance** offers an excellent range of market data on stocks, bonds, currencies and cryptocurrencies. It also offers market news, reports and analysis and additionally options and fundamentals data- setting it apart from some of its competitors.
  + We will be testing the correctness of the history function in base.py.
* **List of Team Members:**
  + Charles Ai
  + Akshat Gulati
  + Brian Rogador
  + Joshua Sabet
  + Lucas Ma
* **State problems found during Research Phase:**
* **Pull Request 648/ Fix Issue 570 :** Data requests over a time period of 100 years throws an error
* **Issue 134 :** When downloading the history of a ticker it does have rows with nan values in it
* **Issue 138 :** Due to the adjustment of OHLC (open-high-low-close chart) in the parameters for history function, it may happen that ohlc values get negative (negative value in open, high, low, close data).
* **Issue 184:** download daily US quotes are off by one day if run on a computer with European locale
* **Issue 151 :** Error in yfinance prices for dates before May 9th 2019
* **Issue 570 :** Error message with period='max'
* **Issue 638 :**  It’s pulling data from day earlier than ‘start’
* **Issue 589 :**  Handling strange last row of monthly or weekly data
* **Issue 573 :** Duplicate data on period ‘1d’
* **Issue 344 :** Any interval which is less than a day does not seem to work (Intraday Data). Error message is confusing since it states that Ticker may have been delisted which is not the case.
* **Issue 566 :** Only get one day of history for the ENT.L symbol even though there are much more candles for ENT.L on yahoo finance website.
* **Issue 198 :**  History duplicates when trying to extract the history of ^TNX (10 years treasury).
* **Issue 395 :** .history() start dates being ignored and preceding dates being retrieved.
* List of all Planned Tests:
  + Test for hundred years data
  + Test for a period of 1 day ( U2)
  + Test for one minute (U1)
* Specify Test Environment
  + Python

Test Case Document:

* List out events we would use to do for each test
* Make a report document for each Test Case Document

1. Test for a period of 1 day ( U2)
2. Test for one minute (U1)

**Link to the github : https://github.com/akshat799/yfinance.git**