There are several features that a user can select and filter when they run the app. Users will be able to select a certain stock and filter on a date range to view a certain stock price. Only 1 stock can be chosen at a time in the “Select Stock” feature. Stocks will be identified by their symbol in alphabetical order from the drop-down bar. Then, a user has the ability to filter the start-to-end dates by using the calendar function under the “Date range” feature by clicking and selecting the two dates listed. Any start date from any month or year is available to be selected, as well as end date. If someone wanted to view a stock price from 1990, they would be able to do so.

When viewing the price of a stock, in the “Select Data” feature, users can only select 1 option: open, close, high, or low. Open price is the price at which a security first trades upon the opening of an exchange of a particular day. In other words, the price of the first trade of the listed stock is the opening price. On the flip side is closing price (close), which refers to the last price at which a stock is traded during a trading session. High and low refer to highest and lowest price of which a stock was traded for the selected day. Since a user can only select 1 option at a time, they will not be able to compare and analyze opening and closing, or high and low prices side by side.

After selecting a particular stock, choosing the dates being analyzed, and the selecting open, close, high, or low, the prices will be displayed down below the “Select Data” feature. Two different prices will be displayed next to each other. The first price on the left side should correspond to the start date that was selected. The second price, listed to the right side of the first, should correspond to the end date. Also, if a user wanted to select the same start and end dates, only 1 price would display. That’s because only 1 option of high, low, open, or close can be selected. It should be noted that Saturday’s and Sunday’s are not trading days, so there will be no prices if those days are selected. It’s also possible that a week-day does not have a listed stock price. That could be because there wasn’t a trading day due to a holiday or major event that did not allow for trading that day. Or it’s possible that a certain stock doesn’t trade on a day that was selected due to a trading halt or another unknown reason. There will days where the stock, date ranges, and price option don’t report a price.

Let’s say we select AAPL stock, which is Apple. Then we choose Monday, February 7 2011, as the start date, and Thursday, February 10 2011, as end date. We then select the open option to view the opening prices of those days we selected. The prices should read: 49.69857 and 51.05571. The opening price of Apple stock on Monday Feb 7 2011 is ($49.69857), and the opening price of Apple stock on Thursday Feb 10 2011 is ($51.05571).