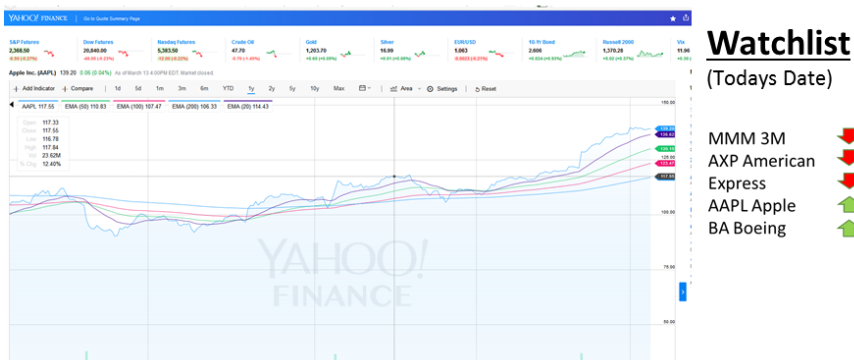


Case study #2 (Due date April 13th – demos will take place on April 9th)



Features to be supported in this version

1. Menu to select one of the **DOW 30 stocks** – User should be able to select one of the 30 stocks (e.g., selection box above).
2. Select a date range and retrieve the data **directly from the Yahoo Finance site** for this stock and time range. Specify clearly any limitations (if applicable)
3. Still provide the financial analysis (indicators) and visualization for this stock
4. Add a watch list- user should be able to create only one watch list – the data for the stocks in the watch (last 12 months) should be automatically downloaded and the current indicator



Watchlist

(Today's Date)

MMM 3M
AXP American
Express
AAPL Apple
BA Boeing

The Watch list is created by the user and should be stored in a file.

Each time when the application is started, the data for the last 12 months of the stocks in this watch list should be automatically retrieved from Yahoo finance (no need to visualize it).

Indicators should be calculated based on the retrieved data. They should reflect the last buy/sell indicator based on the last MA 20/100 crossing.

5. Provide an updated Design document – highlighting the major changes to the design – discuss briefly any GoF patterns being used.
6. Add screen shots from your application to the document.
7. Demos will be scheduled during POD session – details to follow.

Note: a good place for inspiration on how to implement is the Internet (e.g Google, StackOverflow, and other Q&A sites. Please make sure that you give appropriate credit to any resources you use.