Notes from our meeting with Dr. Robin on 9/13

Predictions for 10-15 stocks

User should be able to select those stocks from a GUI on the computer system

Predictions the algorithm needs to make: high and low prices for the day. Possibly: estimate at what time it will be at those highs and lows.

Stock data can go into either the FPGA directly or via the computer system

Two sets of data: historical data that is downloaded every morning. Real time data to allow the algorithm to predict the next day and also to fine tune the prediction throughout the day if the user wants to.

Run the algorithm on the computer system CPU and also on the FPGA. Compare the performance time on both. Disregard latency issues from the network.

Read Dr. Robin’s paper titled “Low latency FPGA based financial data feed handler”

Upcoming due dates:

Team information 9/15

Project description 9/22

Requirements 10/6