# UNT Senior Design Capstone Experience 2016 – 2017

## Stock Price Prediction using FPGA

**High Level Requirements**

1. Predict the stock prices (Day's High and Day's Low)
2. Use a web server to feed the stock details to the FPGA and display the prediction results
3. Create a software model of the prediction algorithm
4. Implement the prediction algorithm on the FPGA hardware
5. Compare the performance of software and hardware algorithms.