FINAL DEADLINE: Feb 9, 2018 (111 days)

Phase 1: MATLAB(graphs)

1. Develop mathematical model
2. Implement in matlab
3. Get ideal antenna specifications and frequency operation range
4. Simulation of our antenna(arbitrary expected signal to analyze)

Phase 2: antenna parameters(graphs)

1. Antenna size and design
2. Building the antenna
3. Testing and characterize antenna(perhaps ask for a test environment)

Phase 3: Data acquisition

1. Connecting antenna to receiver circuit/interfacing
2. Read spectrum from antenna
3. Variability of SDR/SNR(test environment)->(graph of snr vs accuracy)
4. Experiment with multiple receivers

Phase 4:

1. Combining code for receivers and placement
2. Data acquisition
3. Probability of accuracy of location/ confidence intervals
4. Presentability