3-1 Tremors Senior Design Agenda

1. Progress Update
   1. Linda and Mike
      1. I2C working
      2. Bluetooth working
   2. Jake and Calvo
      1. Button presses on EMS
      2. Successfully got Stevenson’s Mac, began working on graphing an FFT and making a GUI
2. Progress to be completed
   1. Linda and Mike
      1. Signal processing
      2. Bluetooth in app code
   2. Jake and Calvo
      1. Finish GUI
      2. Solder circuit to EMS
3. System Review Questions
   1. What exactly is the required documentation for the subsystems, how long/technical should they be?
   2. Linda: Is Bluetooth communication triggered by UART ok? Is Bluetooth pairing already achieved good enough for subsystem demo?
   3. Is I2C ready to go?
   4. Jake: Is showing that a battery exists that meets RSL and transistor current/voltage requirements enough?
   5. EMS Control Subystem: Double check that microcontroller control of transistors is not necessary for subsystem demo. Check if ems or remote is sufficient as well.
   6. iPhone app/GUI: Just show that it can take data and plot an FFT?
   7. Signal processing: Show that app can process accelerometer data? Show that it can process accelerometer data from RSL?