

Agenda 20 Feb 2019

Meeting Ran by: Tyler

Minutes Taken by: Tansy

- ☐ Updates on tasks:
 - ☐ RSL10 Communication:
 - ☐ Working with heart rate sample project
 - ☐ Still working on getting to communicate with laptop
 - ☐ LEDs/Photodiodes
 - ☐ LED power output tested, current needed for 5 mW of output power found
 - ☐ Board for testing surface mounted devices sent out
 - ☐ RSL/AFE Schematic
 - ☐ Getting final pieces on the schematic (ie. LEDs, photodiodes, and recharging circuit)
 - ☐ Expect a first pass at the board design/layout by end of next week
 - ☐ Will submit part order by end of the week (double checking requirements for the schematic/board for all chips)
 - ☐ AFE/Kitboard Updates
 - ☐ Will solder DB9 connector to make access to the pulse ox clip simpler sometime this week
- ☐ Questions for Professor Schafer
 - ☐ Installation of java on desktop
 - ☐ How to make selection for providing power vs. recharging the battery (Is a slide switch sufficient?)

Timeline of Tasks:

- ☐ Have working Bluetooth connection 2/22/19
- ☐ Resolve remaining issues with AFE 3/1/19
- ☐ Have working diodes and photodetector 3/6/19
- ☐ Have MATLAB and bluetooth connections working together 3/22/19
- ☐ Have diodes and AFE board working together 3/22/19
- ☐ Refine MATLAB program with testing with diode 3/27/19
- ☐ Have completed Bill of Material 3/27/19