



Bio-Sensor Wearable Development Board

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Outline

- Schedule
 - Gantt Chart update
- Progress update
 - Current progress
 - Path forward

SCHEDULE

Schedule Gantt chart

Task	6/3-8/16	8/16-8/23	8/23-8/30	8/30-9/6	9/6-9/13	9/13-9/20	9/20-9/27
ELECTRONICS DEVELOPMENT							
-SCHEMATIC GENERATION	✕						
-PCB LAYOUT AND ROUTING	✕						
-HARDWARE DEBUGGING	✕	✕	●				
FIRMWARE DEVELOPMENT							
-PROJECT STACK ORGANIZATION	✕						
-SENSOR DRIVERS	✕	✕	●				
-RTT AND SERIAL DATA LOGGING	✕	✕					
-FIRMWARE DEBUGGING	✕	✕	●				
-NEUROMOTOR PEDIATRIC WEARABLE							

PROGRESS TO DATE

Progress from last week

- Firmware
 - I2C to USB driver
 - MAX30003 driver (still in progress)
- Hardware
 - Debugging wireless charging (still in progress)
 - Ordered larger wireless induction coils

PATH FORWARD

Path forward (8/24/20 – 8/31/20)

- Firmware:
 - Sensor drivers
 - ECG driver
 - DAQ slave protocol
- Hardware:
 - Wireless charging
 - Waiting for hardware...

APPENDIX