**9/23 Julia**

* Chose power supply: 3.7 Lithium Polymer Battery Pack from GlobTek Inc.
* Order parts today (connectors, battery pack, enclosure material sheet and sensor)
* Finished block diagram for the circuits
* Start designing buck converters, need at least 4
  + VDDC pin for sensor (core voltage)
  + VDDIO pin for sensor (I/O voltage)
  + VDD pin for sensor (sensor voltage)
  + Input voltage for MCU
* Enclosure material chosen
  + UHMW (ultra-high molecular weight) polyethylene
  + Need to decide on thickness - can’t exceed 6 inches
    - Could have thinner piece where sensor points and thicker around the rest of the pcb

**9/23 Erica**

* Completed Subsystem Introduction Project
* Continued working on Website UI design
* Met with company to discuss project requirements
* Started working on FSR and ICD

**Blake (9/23)**

\* Dev microcontroller has been received

\* Looking into frameworks and methods of ML to use

\* Will probably use TensorFlow to identify the switch and use my own pixel math to determine if the switch is open or closed.

\* More recently started on intro project