

## Staff Meeting 1/18/18

**Purpose:** Update Dr. Treves on the state of the project and verify individual tasks.

**Attendees:** Dr. Trevas, Ethan Michel, Azalea Grant, Robert Libby, Brandon Begay, Hannah Rentschler.

**Meeting Time:** 7:30-8:00 pm

**Minutes Recorder:** Hannah

Current state of the design is based on the lever arm prototype presented last semester. Currently the CAD files are undergoing final changes to ensure that the parts are ready to be machined.

Individual tasks to be completed by next Thursday:

Azalea

- Start G-code for machining the foot plates. If possible start machining the plates
- Finish the tension sensor attachment to the exoskeleton

Robert

- Calibrate the torque sensor
- Be able to demonstrate some basic functional code by next week
- Provide sensor data sheets to the rest of the team for design purposes

Brandon

- Design potentiometer attachment
- Start designing torque sensor attachment
- Method to reduce friction in the hinge

Ethan

- Start structural analysis
- Show Dr. Treves the motor calculation MATLAB code

Hannah

- Finish the BOM.
- Order part needed for the design

As a team our primary goal this week is to move toward a buildable design and possibly start machining some of the parts.