

Staff Meeting Minutes

Date: Monday November 13, 2017 6:45-7:30.

Location: MEP Room

Lead Person: Hannah Rentschler

Minutes Recorder: Hannah Rentschler

In Attendance: Dr. Trevas, Azalea Grant, Ethan Michel, Brandon Begay, Robert Libby, and Hannah Rentschler.

Executive Summary: Discussed individual roles for the coming week. It is the teams goal to have a 3D printed prototype by Monday next week.

Brandon should ask Sarah Hunter for funding info for ordering parts.

Second analytical is not required. Instead we are required to make a working prototype.

Can do meeting with Dr. Lerner instead of staff meetings.

Can bring motors to next meeting or have meeting in the lab.

Future Work:

Ethan will make adjustments to the foot plate CAD files so that they are ready to print.

Azalea will finish designing the hinge so that is feasible to manufacture.

Hannah will research FEA software and 3D print the footplates, motor plate, and hinge.

Robert will finalize the PID and controls so that the prototype is ready to be tested when it is built.
(write down code for microcontroller board)

Brandon will put in an order of materials needed for the prototype and finish the CAD files for the motor plate so that the battery and control board can be mounted as well.