

Team Meeting Minutes

Date: Monday November 9, 2017 6:45-7:30.

Location: MEP Room

Lead Person: Brandon Begay

Minutes Recorder: Hannah Rentschler

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

Executive Summary: Discussed what needed to be written for the final report and split the work up among the team.

The final proposal report is due 11/10/17.

Sections that still need to be completed are:

- Rational for design selected
- Description of design selected
- Proposed design
- Testing procedures

Each person will summarize their individual analysis in the report.

Hannah will discuss the original system and update the schedule

Ethan will do the design description and proof read

Azalea will write the analysis summary for the springs

Brandon will write the proposed design section

Robert will write the rational for the design selected

Future Work:

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

Azalea will finish designing the hinge so that is feasible

Hannah will research FEA on solidworks 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

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.