

Meeting Minutes (2/16/2015)

Karina:

Interface/ button completed;

Justin:

Look into pulse-width modulation, and use duty cycles to generate the right signals

Potentially turn oscillator on and off

Output compare module

Matt:

Control the trigger input in order to control the speed

Slide switch position: what does it exactly do? might select voltage, thus distinct speed

Does the governor cause some pins to be grounded?

Potentially create an additional mechanical switch to bypass pre-existing system.

Look into signal going into the motor, and observe sine waves for more analysis

Arnaud:

Use D/A converter to read voltage from rechargeable batteries.

Take into account State of charge and stage of discharge, several parameters to look into

Make sure to have probes grounded for testing power supply