

# MEETING MINUTES

## Topic: Final Touches

Thursday, November 29, 2018

4:00 pm to 7:00 pm

Minutes recorded by Jacob Barker

Meeting called by Jacob Barker

Attendees: Jacob Barker, Samm Metcalfe, Ashley Shumaker

Table 1. Record of meeting.

<b>4:00 pm to end</b>	<b>Final touches on device</b> <ul style="list-style-type: none"><li>• Before meeting, Samm replaced bottom half of tube since it had a crack in it</li><li>• Jacob purchased power strip to plug everything in</li><li>• Added finishing touches:<ul style="list-style-type: none"><li>○ Insulated heat exchanger with thermal tape</li><li>○ Re-wired pressure transducers &amp; DAQ<ul style="list-style-type: none"><li>▪ Mounted DAQ and power supply underneath top platform of cart</li></ul></li><li>○ Added toggle switches w/ cover for pressure transducers and heater</li><li>○ Flip pressure release valve to front side<ul style="list-style-type: none"><li>▪ Safety concern, was too close to heat exchanger</li></ul></li><li>○ Add USB adapter<ul style="list-style-type: none"><li>▪ Accepts input from pressure DAQ and thermocouple DAQ, output is one USB cord so can be used on laptop with only one USB port</li><li>▪ Drilled hole for USB cord near computer platform, added grommet</li><li>▪ Cleanly tucked USB cords away</li></ul></li><li>○ Add power strip<ul style="list-style-type: none"><li>▪ Tucked all wiring away using zip tie mountains</li></ul></li><li>○ Painted labels on all controls</li><li>○ Painted "Brayton Cycle Demo Unit" on front</li><li>○ Painted warning label near heat exchanger</li></ul></li></ul>	Samm's Apartment
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