

MEETING MINUTES 7

Topic: Meeting 7 – Meeting 7 Test team A

Monday, October 23, 2017 – 4:00pm – 5:30pm

Minutes recorded by Devon

Meeting called by Devon

Attendees: Devon, Evan, Aaron, Qian, Soud, Kory

Executive summary:

For this weeks meeting the team discussed updates from the leads meeting. We then discussed what everyone was going to do for this week for next week’s deliverables both for class and for professor Willy. We then made a home depot run to get cardboard, PVC pipe, and tape so that we could build our prototype. We then spend some time with test team B building our prototype. Both test team A and B met together to discuss sizes of components and in order to make sure that both teams are working together and designed components to fit within the size requirements set by the DOE.

| | |
|----------------------|---|
| 4:00pm-4:05pm | <p><u>UPDATES</u> Prototype Due Week 10 Leads want Analytical Analysis conclusions to present to Willy</p> |
| 4:05pm-4:30pm | <p>Action Items</p> <p>Soud</p> <ul style="list-style-type: none"> - Shaft in solid works - Meet with Kory for shaft iterations <p>Qian</p> <ul style="list-style-type: none"> - Simulate DC- DC box - Meet with Dr. Yaramasu <p>Aaron</p> <ul style="list-style-type: none"> - Generator simulation in Simulink - build rectifier for testing - learn solder <p>Evan</p> <ul style="list-style-type: none"> - control theory for boost converter in Simulink - help compile Simulink design for electrical components - teach solder <p>Devon</p> <ul style="list-style-type: none"> - meeting minutes - 2nd iteration on blades - Blades in solid works / help compile CAD package <p>Kory</p> <ul style="list-style-type: none"> - Bearing selection - Material selection for shaft |
| 4:30pm-4:45pm | <p>Home depot run for parts with test team B</p> <ul style="list-style-type: none"> - Gathered spare cardboard - PVC piping - tape |
| 4:45pm-5:30pm | <p>Building</p> <ul style="list-style-type: none"> - cutting out shapes for general size of components - not to scale - worked with test B to build / discuss where team is at |

