

October 9, 2020

- Alex normally runs meetings but he had previously existing appointments, Rice led meeting in his absence.
- Current design plan to meet project constraints:
 - STM board – Rice to identify exact board by next meeting
 - 7-segment displays for voltage and current values
 - Quadrature encoders for circuit control
- Discussion of power source have ability to be voltage and current source or just voltage source. Team did not decide yet, will need to research what it would take to create current source option.
- Discussion around how to mount PCB/PCBs on unit, will have to wait for farther in the design process to identify best location. Discussed option of on PCB for interface and one for control or use one PCB for everything.
- Chase continuing working on standards, should be done by next meeting
- Discussion on power source control, current plan is to have feedback loop to PCB from outputs and to control outputs with DAC from PCB to control circuit.
- Went through and updated Gantt chart and talked about task to work on or complete before next meeting