Team Meeting

25 January 2024 / 6:00 - 7:00 PM / ZOOM

# Attendees

Luis Diaz, Ryan Freed, Yusuf Hossain (Missed), Peter Zhang

# Agenda

## Last Meeting Follow-up

1. What needs to be discussed from the last meeting.

## New Business

1. Review the lab manual.
2. Assign roles for each team member.
3. Discuss Research

# Notes

* Looked over the Lab Manual.
  + At least 3 power supply cables.
  + Wrote notes in the Lab Manual Review
* Power: Ryan, Software: Luis, Firmware: Yusif, Oscilloscope: Peter

# Action Items

1. **Research** **:** Luis
   * Android App.
     + How graph or graphics.
     + Cursors
   * How to communicate with blue. ESP 32.
2. Research: Ryan
   * Bridge Rectifier, Buck, and ADC.
3. Research: Peter
   * ADC.
   * How to generate waveforms.
   * DSP, sampling, filters.
   * Amplify current or voltage.
   * How precise to get to frequency.
4. Research: Yusif
   * How to communicate with an application (ESP 32)
   * Microcontrollers (What are they / which one do you need)
   * Signal Processing
   * Work on a clock

# Next Meeting Agenda

Find parts to potentially order for the third week.

Talk about research from meeting 1.

Do more research.