

Progress Report - Week 2 | Jan. 17-24, 2025

Group 6:

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Notes:

- Meeting with Ed on Wednesday 4:00-4:45pm
- Met after meeting with Ed to work on Project Proposal
- Battery data (found on google drive) has been updated with new data on Nimh
- Sodium ion will now be moved to should instead of must. This decision is confirmed by Ed, our sponsor. **Edit:** as of Friday January 24, we now have the decision canonized by our faculty advisor.
- Plan is to meet on Saturday to finalize the rough draft of the project proposal
- Andrew Greenburg is now assigned to us as our faculty advisor in 1/24
- RP2040 has arrived and testing and experimentation will commence as soon as possible
- We will explore the possibility of cannibalizing the Raspberry Pi Pico 2's SOM for our own circuit
- Something that we have to consider in this project will be battery safety, which will be apparent when managing the Lithium batteries.
- In the meeting with our faculty advisor we have decided to assign a communications lead and team lead. Cody, who is our communication lead, will be in charge of anything that relates to the communication between the team and the sponsor. Daniel will be our team lead, who will ensure team organization and synergy. He will report any issues to our Faculty Advisor.
- **We will also now meet with our faculty advisor on Wednesdays at 3:00 pm PST for a short 15-30 minute check-in. Make sure project logs/ progress reports are ready by then.**

Tasks at hand:

- Project Proposal - will finish rough draft on Saturday, 1/25 and reviewed by our faculty advisor + sponsor to be submitted on Monday 1/26 for the final draft
- PDS - Worked slightly on this
- Research research research - need to research more on charge balance specifically passive balancing which is what Ed recommends. Also more research will have to be done for the system architecture.