

# Progress Report - Week 4 | Feb. 1 - 8, 2025

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## Group 6:

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## Notes:

- Difficulty have been encountered with RP2350 connections, we might decide to switch over to the rp2040
- We decided not to use ADC due to issues we found during experimentation with the board
- Met with advisor and sponsor on Feb 03 to discuss IP and the project proposal, in short, Ed will own the IP but we are free to use the design
- We will work on revising our level 1 block diagram
- Progress made on transfer switch design with this [article](#). Purpose of the transfer switch is to toggle between 1s, 2s, 3s, 4s.
- We will also switch to C++ on the arduino IDE - this decision is accepted by our advisor and sponsor
- We will schedule a meeting with Ed and/or staff of the epl to work with the PCB mill and laser cutter
- We will now use a 24V power supply instead of 12V

## Tasks at hand:

- Project Proposal - Submit by Saturday 2/8 11:59 UPDATE: Need Legal IP statement from Andrew to be pasted
- I2C bus implementation
- Hardware and battery tests
- Transfer switch mosfet design
- Battery housing (3D printed)