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Team D1

What did you personally accomplish this week on the project?

- Researched programs to design circuit from a computer
 - Electronic circuit diagrams are not a viable route. Neatly hand-drawn diagrams will suffice
- Designed group website
 - Created pages for our abstract, updates, proposal slides
 - Made the appearance more suited to our desires
- Assisted with object detection program for thermal camera
- Corrected block diagram to have sensors linked to the Raspberry Pi, and motor shields on the Arduino.
 - New motors were found that drew less power (5.6A), greatly improving our battery economy
 - Motor shields completely cover the Arduino and draw their own current from the battery
 - Battery usage is expected to be about 1.6 hrs of movement, more if not moving, which is much better than before

Schedule:

- Our schedule is still good. However, our parts didn't come in as expected, so we weren't able to start testing early.

What deliverables do you hope to complete in the next week?

- Test devices as they arrive for functionality, compatibility, etc.
- Take measurements of how much current each device draws at nominal usage
- Complete a more detailed circuit diagram