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[DesignReview1_doc](#)

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Overview for this meeting

1. Give updates on ordered components and how fast/slow the turnout was
 - a. Further plans for remaining parts, 3-D printing + ordering some final components (battery)
2. Jeffery Y. will talk a little more about photodiode
3. Go through Design Review 1 updates (slides)
 - a. Everyone presents on their subsystem
4. Plan for Design Review 2

Progress Updates

- All items ordered have come in, both from Digikey and Amazon
 - Except MEM microphone & battery

Areas of concern

- Potential update regarding the optical communications subsystem setup
 - How necessary/important would it be to have a 2-way communication system...
 - Is it possible to somehow to deliver acknowledgement to the transmitter MCU without a 2-way system
- Troubleshooting
 - Some sort of tech help debugging process...
 - Best way to tell if sensors are working / present an error message
- Battery...
 - Extending lifetime? Rechargeable battery that operates for 1 month
- ESP32 for wifi
 - Is current too much