

Team Name: sddec21-20

Team Members:

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Report Period: Feb 28-Mar 14 2021

Summary of Progress in this Period

- Built diagrams for the design document and presentation
 - Completed and submitted design document V1.
 - Investigated different wireless communication protocols
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Pending Issues

- Presentations are not meeting expectations. We need to re-evaluate the scope of what we are doing.
 - Work on better communication within the team.
 - This will require more frequent meetings as well as clearer objectives outlined for each of us to work on.
 - Battery options. We need to determine how much power we can use or how much power we need.
 - Wireless protocols: whether we will stick with Zigbee or switch to LoRa. Another approach is to use cross-technology communication to send LoRa packets to Zigbee devices.
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Plans for Upcoming Reporting Period

- Research and design solid implementation plan.
 - Build more diagrams and elaborate the design document to be clearer.
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