Design Team
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Proposal:

We’re planning to create design that allows us to fabricate a device which enables us to access wireless internet remotely over the distance of a few miles by implementing a cost effective design, whereby we take our existing capabilities of receiving wireless transmissions and make it more efficient.

Process:

• Research how common wireless networking devices work, what types of waves they use, how they broadcast etc.
• How they’re received, what different ways they’re received and different methods of amplifying them.
• Research how other people have amplified them, i.e. what works and what doesn’t work.
• Analyze available options on how to create a cheap and reliable wireless networking device.
• Map out a system that we think meets the criteria mentioned above.

Project:

• After mapped design is laid out we can gather the required technologies for the project.
• Assemble the receiver.
• Implement it and make sure it functions correctly.
• Throughly test receiver and collect data.
• Compare results to our proposal and see if it meets our conditions.