o Weekly Summary

This week we gathered we met as a group and decided what our project was on. We then communicated with Geiger about our ideas and his ideas of the project. We came to agreements and we broke into 3 groups: Leafnode group, 4g home group and the web group. We then began working on our parts of the project. We also set a meeting time with Geiger and our group.

o Past week accomplishments

- **Ian Harris:** Met with the team, determined a plan for keeping track of our issues. We are currently debating on Jira or Trello.
- **Gregory Steenhagen:** Worked on barebones of the website, getting it tabbed out to make filling info as easy as possible. Looked into Jira to see if it would be worth getting.
- **Khoi Cao:** Found some documents about SIM module. Researched on the pros and cons of some common controllers
- **Terver Ubwa:**
- **Tim Lindquist:** Met with Geiger and talked to him about the direction of the project. Began soldering a board for the arduino so the ATmega328P can be quickly bootloaded. Spoke with Geiger to discuss a meeting time for the group and expressed our ideas and sensor options.
- **Steven Warren:** Met with Gieger to determine meeting times and his goal for our project. Met with the group and broke everyone into groups. Tim and I began working with an ATmega328P in bootloader mode and met with Gieger to discuss our part of the project with him. Made the Weekly Report.

o   **Pending issues**
  - **Ian Harris:** Deciding on Jira or Trello
  - **Gregory Steenhagen:** No remarks. No issues yet.
  - **Khoi Cao:** Looking for appropriate cellular modules to transmit bit strings to web servers. Deciding on Arduino or Raspberry
  - **Terver Ubwa:** looking up data transmission through 3g or 4g
  - **Tim Lindquist:** Finish soldering board
  - **Steven Warren:** N/A

o   **Individual contributions**

NAME	Individual Contributions	Hours this week	HOURS Cumulative
Ian Harris	4	4	4
Gregory Steenhagen	2	2	2
Khoi Cao	2	2	2
Terver Ubwa	2	2	2
Tim Lindquist	4	4	4
Steven Warren	6	6	6

o   **Comments and extended discussion**

Still working out preferred method of communication, apologies for everyone not being present on this particular weekly report. We'll get it figured out.

o   **Plan for coming week**
  - **Ian Harris:** Get issue tracking set up, regardless of what we decide. Meet with web group, get a git repository and a base program up and running. Determine a space for hosting a web-app.
  - **Gregory Steenhagen:** Continue stubbing out website design. Look into best way to host site.
  - **Khoi Cao:** Determine on the kind of microcontroller and cellular protocol shield. Implement a prototype.
  - **Terver Ubwa:** Discussed the micro controller to use for receiving data from the nodes and transmitting it to the server. Also together with Khoi, We determined a strategy to start working on implementing transmission through 3G or 4G to the sever.
  - **Tim Lindquist:** Test bootloader and work with Steve on alternative cheap arduino

option.
- **Steven Warren:** Order parts for the NRF controllers and set up the alternative Arduino method w/ Tim.

o **Summary of weekly advisor meeting**

Met with Geiger and set up a time to meet (Thursday @ 10am). Also discussed group expectations and goals.