

IoT Sensor Blinding

Milestone #2

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Goals for Milestone #2



Task	Jeremy Gluck	Alex Winstead	Cole Clements	Xuchao Jiang	Todd St. Onge
Capture Network Traffic	10%	10%	30%	30%	20%
Recreate Past Research	20%	20%	20%	20%	20%
Analyze network Traffic for features	50%	50%	0%	0%	0%
Set up lab	0%	0%	30%	30%	40%

Progress



Task	Completion %	Jeremy Gluck	Alex Winstead	Cole Clements	Xuchao Jiang	Todd St. Onge	Notes:
Recreate Past Research	5%	--	--	--	--	--	Gathering Data
Identify methods to sniff wireless data.	100%	30%	10%	20%	20%	20%	Done
Build Laboratory	100%	20%	20%	20%	20%	20%	Make it look pretty
Acquire Lab Items	100%	20%	20%	20%	20%	20%	Done
In-Class Presentation 3	100%	22.5%	22.5%	18.3%	18.3%	18.3%	Done
Capture, clean, and analyze Data	10%	2%	2%	2%	2%	2%	Lab setup took too long.

ACTIONS

[illegible]

**Here is what the lab currently
looks like.**











Other Accomplishments

- Worked with a lab rules packet for all lab users use.
- Installed locks into door frames
- Set up software on to new computers.
- Setup devices and labware in IOT lab.
- Helped prep the lab for facilities installs.

Challenges

- The process of setting up a lab, getting the room, the devices, and the paperwork, has taken a much longer time than initially anticipated.
 - We have moved in!
 - Devices have all arrived.
 - Most devices are in use and we are working to begin collecting data from them.
 - We need to collect a lot of data on many products and that takes more time than we initially budgeted for.
- Recreating existing research requires us to begin collecting data. This required both devices to be set up and a server to be set up. Currently we do not have a server set up. This is expected to be done within the next month at the latest.

COMING SOON



Moving Forward

Due to the amount of data we are seeking to gather not just for our project but for the lab, we are restructuring our milestone goals to better align with our stakeholders goals.

Goals for Milestone #3



Task	Jeremy Gluck	Alex Winstead	Cole Clements	Xuchao Jiang	Todd St. Onge
Capture Network Traffic	15%	10%	25%	25%	25%
Recreate Past Research	20%	20%	20%	20%	20%
Label Data Sets	30%	40%	10%	10%	10%

Side Goals for Milestone #3



Task	Jeremy Gluck	Alex Winstead	Cole Clements	Xuchao Jiang	Todd St. Onge
Further define IOT Lab workflow	20%	20%	20%	20%	20%
Further build up the IOT Lab	20%	20%	20%	20%	20%
Begin to concurrently write the research paper	20%	20%	20%	20%	20%