Status Report 6

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Report Date: 10/30/2019

Project: Wireless Backyard Chicken Coop

Project Status: In-Progress

Deliverables:

DELIVERABLE	Status	ETA
Identify Project Hardware/Software Requirements	Completed	10/25/2019
Holistic Design	Complete	11/ 9/2019
Design Document v1	Complete	11/10/2019
Web Application Skeleton	Complete	11/12/2019
Web Application Login	Complete	11/15/2019
Design Document v2	Complete	11/17/2019
Prototype	Complete	12/12/2019
Accurate Sensor Readings	In-Progress	12/25/2019
Push Notifications	In-Progress	1/20/2020
All Systems Connected	In-Progress	1/25/2020
Live Data Being Logged	In-Progress	01/28/2020

Overview:

We have a successful prototype implementation created. On the software side of things our API calls exist and are currently usable. We are looking to go into the spring semester ready to put out quite a lot of work and get our data from our first early trials.

Current Accomplishments:

- Web portal is now available for login.
- Website displays graphic visualization of outputs.
- Design document work is distributed.
- Temperature sensors are researched.
- All parts are acquired.
- Prototype is operational.
- Design Document v2.

Nearby Milestones:

- Live Data
- Push notifications
- Explore options with a sitting water barrel.