**sdmay23-17: CySecAgri**
Week 4 Report
October 15 - October 21

## Team Members
Tom Ruminski  — *IoT Architecture*
David Wolfe  — *IoT Architecture*
Rian Lamarque  — *AWS Infrastructure*
Elijah Hanson  — *AWS Infrastructure*
Joe Hunter  — *Flutter Application*
Syed Al-Hussain  — *Flutter Application*

## Summary of Progress this Report
Parts order placed with ETG
Sample data found for sensors
Parsing function written for sample data

## Pending Issues
Waiting on parts to be delivered (unknown date)

## Plans for Upcoming Reporting Period
Start synthesizing a security plan
Working on cloud deployment and connection to frontend application

## Individual Contributions

| Team Member | Contribution | Weekly Hours | Total Hours |
|---|---|---|---|
| Tom Ruminski | Started reviewing some software based authentication methods and some suggestions from the graduate student last week | 4 | |
| David Wolfe | Reviewed data sheet for our LoRaWAN sensors to find sample data packets. Used these sample packets to create mock data to allow the cloud team to continue work. | 5 | |
| Rian Lamarque | Setup basic IAM Users and Roles for deployment/lambdas. Began working on pipeline setup to apply changes to aws infrastructure via terraform. | 10 | 0 |
| Elijah Hanson | Researched ways to store sensor data in the cloud and then send that data to our frontend | 4 | 0 |

| | application. | | |
|---|---|---|---|
| Joe Hunter | Connected our Flutter application to AWS via Amplify to allow a mobile app to have push data capabilities. Drew up multiple figma designs to plan out what our app will look like. | 7 | |
| Syed Al-Hussain | Began developing simple Flutter applications for practice | 2 | 0 |
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## Gitlab Activity Summary
Nothing to report.