

**sdmay23-17: CySecAgri: Cybersecurity for IoT-enabled Precision Agriculture**

Week 8 Report

November 11 - November 18

**Team Members**Tom Ruminski — *IoT Devices*David Wolfe — *IoT Devices*Rian Lamarque — *AWS Infrastructure*Eli Hanson — *AWS Infrastructure*Syed Al-Hussain — *Flutter Application*Joe Hunter — *Flutter Application***Summary of Progress this Report**

Started working with the parts and identified that the purchased transceiver is not suitable for a base station.

Looked into different storage systems for our sensor data in AWS.

Continued to work on our application by adjusting and clean up the UI.

**Pending Issues**

Need to order a concentrator chip for the base station.

**Plans for Upcoming Reporting Period**

Continue to work on the change to the cloud storage system and begin testing with S3.

**Individual Contributions**

Team Member	Contribution	Weekly Hours	Total Hours
Tom Ruminski	Researched concentrator chips for the base station	5	
David Wolfe	Experimented with sensors and radios for our basestation. Experimented with different git project for sending and receiving packets	6	
Rian Lamarque	Began working with S3 storage and understanding api calls to modify file object.	5	0
Eli Hanson	Improved lambda function to be able to get entire table instead of a single entry	4	
Syed Al-Hussain	Connected Amplify to Flutter	5	0
Joe Hunter	Added more features to the app as well as cleaned up the data format displayed for our sensor values.	6	

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**Gitlab Activity Summary**

Nothing to report.

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