

Team Name: sdmay21-08

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Report Period: 3/29-4/12

Summary of Progress in this Period

- Sensors were delivered, hardware team began prototyping
 - Found a fix for the authentication issue mentioned on the last status report. Users now are correctly assigned all of the AWS permissions they need to view data without any admin commands
 - Began working with the launchpads and sensor tags, got RF communication working
 - Setup a raspberry Pi as a gateway to send MQTT data up to AWS. The launchpads will send the data to the Pi and let the Pi handle the Internet connection
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Pending Issues

Plans for Upcoming Reporting Period

- Get started with AWS DynamoDB to retain sensor data longer than the last-published message
 - Continue hardware prototyping
 - Get sensortag data publishing to MQTT topic in AWS through Raspberry Pi
 - Continue designing skeleton for frontend app, backend entities
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