

Team Name: sdmay21-08

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Report Period: 3/15-3/29

Summary of Progress in this Period

- Sensors ordered
- AWS progress
 - Building off a Github branch and displaying our front-end
 - We are able to mock MQTT data and send it to our web app
- React App

The image shows a web application interface with two main sections: a login/sign-up form and a data display screen.

Login/Sign-up Form:

- Section 1: "Sign in to your account" with input fields for "Enter username" and "Enter password", and a red "LOGIN" button. A link "Don't have an account? Sign Up" is below.
- Section 2: "Create a new account" with input fields for "Enter username", "Enter password", and "Enter email", and a red "SIGN UP" button. A link "Already have an account? Sign In" is below.

Data Display Screen:

- Title: "MQTT subscription data"
- Temperature: 34 °F
- Moisture: 43 %
- pH: 2
- Red "SIGN OUT" button

- Mocked up a basic front-end with sign-in/up interface and a homepage that reads MQTT data from the AWS IoT core test interface and displays it
- The React sensor component is instantiated with a name and reads the "sensorData" MQTT topic and displays the component related to its name.
- Have found and ordered the sensors to be used in this project
- The Ti launchpads are being shipped to all the team members

Pending Issues

- Sensors not in yet
 - Authentication AWS difficulties. New users are able to sign in but most have trouble reading the sensor data. This has a workaround for us to work with for right now
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Plans for Upcoming Reporting Period

- Continue building react front-end
 - Breadboarding the daughterboard
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