Project Proposal for
AgriSense

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AgriSense is a digital system that will enable users to make more informed farming decisions with aid of technology. The system will be composed of a network of multiple sensors that are distributed evenly across a field. Sensors will send data back to a central database, and the user will be able to access the sensor network through a web interface. Users will have the ability to run reports and choose from several data visualizations using the web interface with newly transmitted data.

Goals

1. Read data from a network of sensors.

2. Transmit sensor data to a central server.

3. Store sensor data in a database.

4. Display sensor data using a web interface.

5. Run reports and visualizations to enable users to make informed farming decisions.

Timeline

Semester One

In the first semester we will create the back end for the AgriSense system. This includes data collection, transmission, and storage.

Semester Two

In the second semester we will create the front end for the AgriSense system. This includes the web interface and data visualizations.