Brainstorm and Idea Prioritization.

Team Members

- Janeshwar S
- Annamalai K
- Kathiresan M
- SachinRaj C

Goals

Montioring and Maintanence of crops remotely.

Problem Statement

- IoT-based agriculture system helps the farmer in monitoring different parameters of his field like soil moisture, Temperature, humidity using some sensors.
- Farmers can monitor all the sensor parameters by using a web or mobile application even if the farmer is not near his field. Watering the crop is one of the important tasks for the farmers.
- They can make the decision whether to water the crop or postpone it by monitoring the sensor parameters and controlling the motor pumps from the mobile application itself.

Ideas

Janeshwar S

- Monitoring crops using sensors.
- Controlling irrigation remotely using internet.
- Automated farming if farmer is not present.

Annamalai K

- Controlling irrigation through smartphone.
- Flexible ui interface.
- Crop health prediction.

Kathiresan M

- Irrigation calandar.
- Sensor parameter database.
- Soil Test.

SachinRaj C

- Temperature sensor.
- Humidity sensor.
- Soil moisture sensor.

Group Ideas

Farmer

Controlling and monitoring crops remotely using smartphone.

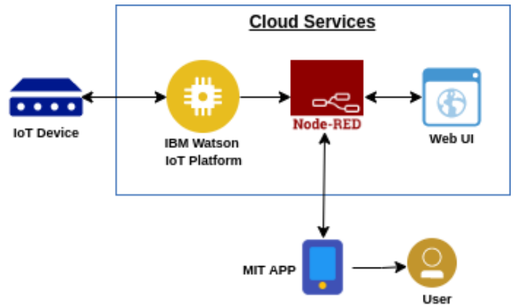
Autonomous irrigation mode.

Specification

Monitoring temperature , humidity and soil moisture using sensors.

Controlling irrigation if needed autonomously.

Architecture



Prioritize