

Project Kickoff

Project Summary:

The Smart Agriculture System is done by using IBM cloud Internet of things platform service, node-red, IBM IOT sensor. This project is done in favour of farmers by which one can operate the motor by sitting at home instead of going to the farm.

Project Requirements:

- Github
- Slack channel
- Zoho writer
- IBM cloud
- Node-Red
- Python IDLE

Functional Requirements:

- Weather API
- IBM watson IOT platform
- Node -Red
- IBM IOT simulator

Project Deliverables:

The scope of the project is to build a smart agriculture system using Internet of things which will reduce the efforts of a farmer by notifying about the parameters like weather, humidity, soil temperature ,so that he can decide whether to ON or OFF the motor when he is away from the farm.

Project Team :

Individual Project - M Akhila

Project Schedule:

- Project planning of kickoff – 2 days
- Explore IBM cloud platform- 1 day
- Explore IBM Watson IOT Service - 2 days
- Exploring Node-Red service - 2 days
- Python code to get commands - 1 day
- Build the smart agriculture system - 8.2 days

Total 16.2 days