PROJECT KICKOFF

PROJECT NAME : Smart Agriculture system based on IoT

Project Scope:

☆Project Summary

"Smart Agriculture System based on IoT",its a device/app based on IoT . which provides the info regarding weather conditions .Like temperature,humidity,and soil_moisture.Which helps user to monitor the things easily .

☆Project Requirements

- → IBM Cloud
- → IBM Watson IoT platform
- → Node-Red
- → Python IDE

★Functional Requirements

- → IoT Simulator
- → Open weather API

☆Technical Requirements

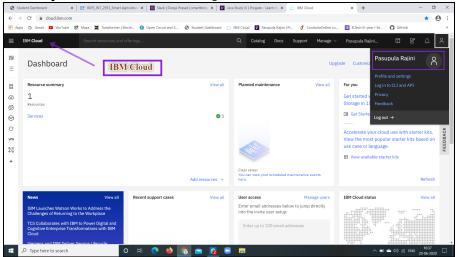
→ Web application

★Software Requirements

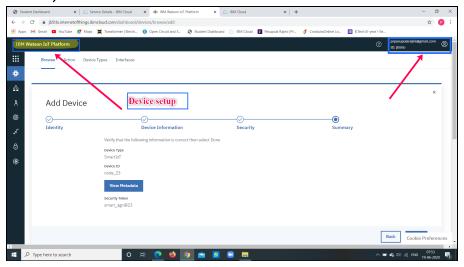
- → Node-Red
- → Python IDE

Project Schedule:

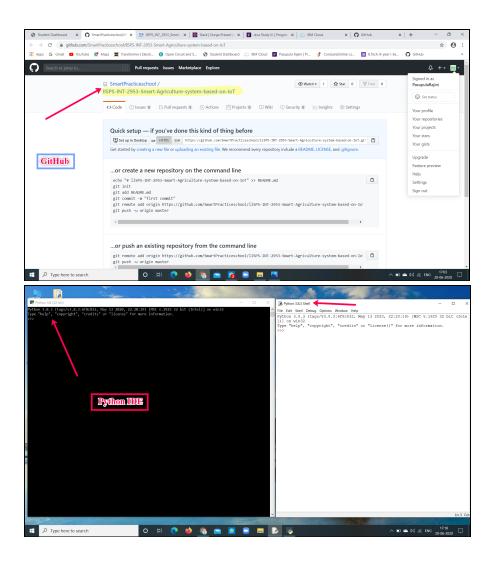
✓ 18/06 -Project Details, Planning, Creation of IBM Cloud Account.



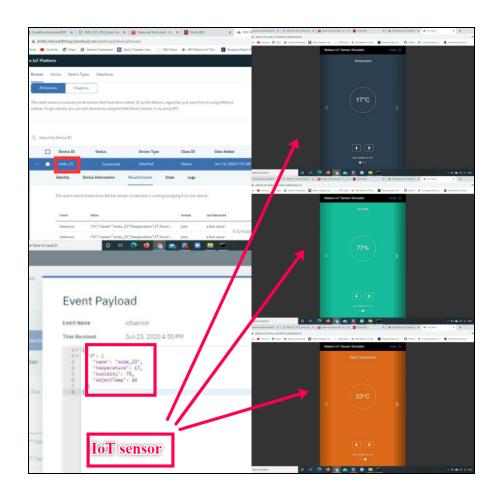
19/06 - Exploring IBM Watson IoT Platform(Device created,API Key & protection)

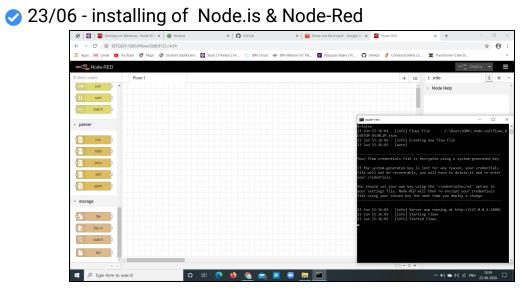


20/06 - Development Environment

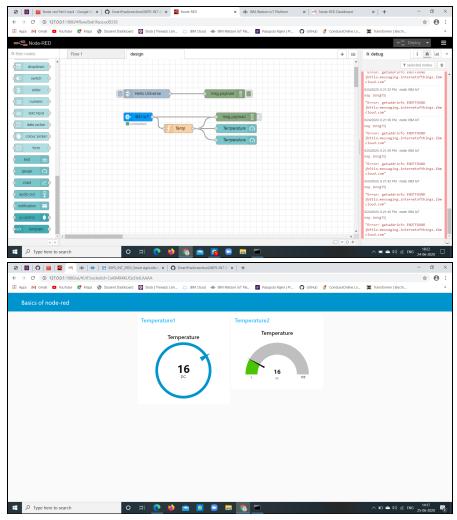


22/06 -Connecting the IOT Simulator To Watson IOT Platform.





24/06 - Installing required nodes and connecting to IBM Watson IoT Sensor



- 25-28/06 Creating web app and working with python code
- 30/06 -Completion of project

Project Team: Project by "Pasupula Rajini"-{Project Manager}

Project Deliverables:

This is a user friendly app .Which would greatly help people working in farming sector .By which user can monitor and complete their required tasks such as turning on/off motor .And also make requisite changes in their working field according to the data provided by this app(i.e.,humidity,temperature,soil_moisture..).