

PROJECT SCOPE

PROJECT NAME : Smart Agriculture system based on IOT

KICKOFF DATE : 24-05-2020

Project Summary	<p>As farmers faces many problem due to drastical changes in siol moisture and climate conditions they even end up thier lives.</p> <p>By using IOT we build application friendly to farmers where they can monitor soil moisture and climatic conditions and can control the motor which supplies waterto crop,which helps to yield good crop.</p>
Project Requirements	<p>IBM cloud IBM Watson IOT Platform Open Weather API Web app iot simulator python NODE-RED</p>
Functional Requirements	<p>IBM cloud IBM Watson IOT Platform</p>
Technical Requirements	<p>Open Weather API Web app iot simulator</p>
Software Requirements	<p>python NODE-RED</p>
Project Deliverables	<p>Smart agriculture system based on iot deliveres a mobile application using it we can control motor by monitoring the soil moisture and climatic conditions to yeild good crop.</p>
Project Team	<p>Addanki Naveen 17131a0401@gvpce.ac.in</p>
Project schedule	<p>24-05-2020 to 24-05-2020(4 week)</p>

	<ul style="list-style-type: none">● 1st week - project planing and kickoff,explore IBM cloud platform,conect the IOT simulator to the IOT watson platform.● 2nd week - connect the node red to get data from IBM IOT platform and weather API .● 3rd week - Building a web app● 4th week - configure the device to retrieve data fom application and control motors.
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