

My Project Scope

Project Review Report:

Project Title	Smart Agriculture system based on IOT
Project Manager	Mr. Sai Naveen Thota
Project Sponsor	Smartinternz
Submission Date	03-08-2020

1.Project Summary:

1.1Project Summary

Smart Agriculture System based on IoT can monitor soil moisture and climatic conditions to grow and yield a good crop. The farmer can also get the real-time weather forecasting data by using external platforms like Open Weather API. Farmer is provided a mobile app using which he can monitor the temperature, humidity and soil moisture parameters along with weather forecasting details. Based on all the parameters he can water his crop by controlling the motors using the mobile application. Even if the farmer is not present near his crop he can water his crop by controlling the motors using the mobile application from anywhere.

2.Conclusions of Project Review:

2.1 Project Review

Here in our project we are using the Online IoT simulator for getting the Temperature, Humidity and Soil Moisture values. Original weather data is collected from Open Weather API using HTTP request. Thus using these data, he can decide to on or off motor from his home itself. Technology can be used anywhere for smart applications as we used in agriculture to make agriculture system smart using iot.