

Project Scope

- Project Summary
 - Smart Agriculture System based on IoT can monitor soil moisture and climatic conditions to grow and yield a good crop.
 - A 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
- Project Requirements
 - IOT Application Development
 - IOT Cloud Platform
- Software Requirements
 - GIT tool and Nodered
 - Python IDE
- Project Deliverables
 - Explore IBM Cloud Platform
 - Connect The IOT Simulator To Watson IOT Platform
 - Configure The Nodered To Get The Data From IBM IOT Platform And Open Weather API
 - Building A Web App
 - Configure Device To Receive The Data From The Web Application And Control Motors