Rutika Mehta

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

- Project Team

  - Individual - Rutika Mehta

- Project Schedule

  - By end of 1st week completion 45% of project.

- ○ By end of 2nd week completion 70% of project.

- ○ By end of 3rd week completion of project and preparing report.