Project Planning & Kickoff

PROJECT NAME   : Smart Agriculture System Based on IoT

PROJECT ID   : SPS_PRO_101

CLIENT   : Farmer

PROJECT MANAGER : G.Vigneshwaran

DATE   : 13-06-2020

CONTRACT   : Total Internship Duration is 1 month, within this time I have to complete project with expected outcome.

CLIENT NEEDS & PRIORITIES :

Client needs to smart farming based on IoT technologies will enable growers and farmers to reduce waste and enhance productivity.

PROJECT PLAN :

The project is smart based agriculture on IoT technologies. This project complete time duration 30 days .Project is helpful for farmer use mobile application to know the soil moisture, humidity and environmental climate changes.

TEAM MEMBER ROLES:

Team head : G.Vigneshwaran.

Roles   : To Create Smart Agriculture System based on IOT Can monitor soil moisture and climate conditions to grow and yield a good crop.

SCOPE OF WORK :

The IoT- based smart farming, a system is built for monitoring the crop field with the help of sensors to know the light, humidity, temperature, soil moisture, etc. The farmers can monitor the field conditions from anywhere. IoT- based smart farming is highly efficient when compared with the conventional approach.

PROJECT SCHEDULE :

- Requirement Gathering
- Feasibility Study
- System Analysis
- Software Design
- Coding Testing
- Integration
- Implementation

PROJECT BUDGET :

IOT Based Smart Agriculture Monitoring System Project Using IBM IOT Platform and IBM Cloud and this is free internship project.

PROJECT MANAGEMENT PROCESS :

The farm management information systems (FMISs) that supports the automation of data acquisition and processing, monitoring, planning, decision making, documenting, and managing the farm operation.

PROJECT MANAGER EXPECTATIONS :

- Lowered Operation Costs
- Accurate Farm and Field Evaluation
- Real-Time Data and Production Insight
- Lowered Operation Costs

THANKING YOU!