SCOPE OF PROJECT

PROJECT OBJECTIVE : TO CREATE SMART AGRICULTURE SYSTEM BASED ON IOT

SCHEDULE:16.2 DAYS

INCLUDES:
1)MILESTONES & TIMELINE
3)DELIVERABLES

MILESTONES & TIMELINE :

MILESTONES	
PROJECT PLANNING & KICKOFF	2 DAYS
EXPLORE THE IBM CLOUD PLATFORM	2 DAYS 7 HRS
CONNECT THE IOT SIMMULATOR TO WATSON IOT PLATFORM	0.5 HRS
CONFIGURE THE NODRED TO GET THE DATA FORM IBM IOT PLATFORM AND OPEN WEATHER API	4 DAYS
BUILDING A WEB APP	4 HRS
CONFIGURE YOUR DEVICE TO RECIEVE THE DATA FROM THE WEB APPLICATION AND CONTROL THE MOTORS	2 HRS

DELIVERABLES:

1	Smart Agriculture System based on IoT can monitor soil moisture and climatic conditions to grow and yield a good crop.
2	The farmer get the realtime weather forecasting data by using external platforms like Open Weather API.
3	Farmer can monitor the temperature,humidity and soil moisture parameters along with weather forecasting details on mobile application.
4	Farmer can water his crop by controlling the motors using the mobile application baesd on all parameters.
5	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.