SOLUTION ARCITECTURE

DATE	11 OCTOBER 2022
TEAM ID	PNT2022TMID47605
PROJECT NAME	SMART FARMER-IOT ENABLED SMART FARMING
MAXIMUM MARKS	4 MARKS

PROBLEM STATEMENT:

To provide efficient decision support system using wireless sensor network which handle different activities of farm and give useful information related to farm field to farmer.

SOLUTION:

We are implementing a decision support system for monitoring different farm activities.using monitoring information farmer can access or control is farm activities.It helps to increase a crop yield and reduces wastage of water.our system is cost effective and user friendly

SOLUTION ARCITECTURE

Processing & data storage, Big data analysis ,making decision

server

Datab ase

Interacting with farmers/owners through application

COMMUNICATION TECNOLOGYS
LoRA,NB-Iot,Wifi etc….
Establish reliable,secure and robust communications between clouds and farms.

| SURVIELA NCE CAMERA | SOIL SENSOR | HUMIDITY SENSOR | TEMPERAT URE SENSOR | UV SENSOR |

MONITORING FARMING ENVIRONMENT BASED ON IOT DEVICES