Smart Farmer-IOT Enabled Smart Farming Application

IDEATION

TITLE	Smart Farmer-IOT Enabled Smart Farming Application
DOMAIN NAME	INTERNET OF THINGS
TEAM ID	PNT2022TMID22828
LEADER NAME	KOWSALYA D
TEAM MEMBER NAME	KAMALAKANNAN R KARTHICK S NITHEEN V P

PROBLEM STATEMENT:-

Irrigation creates more problems like over and measuring the amount of land becomes tough when we irrigate the agricultural land using the traditional farming techniques so we are yet to find solution.

MAIN IDEA : To automate the process of smart farming

Team Ideas:

KOWSALYA D :

- ➢ Automate irrigation process using temperature of soil and measurement of moisture of soil

KAMALAKANNAN R :

- ➢ Drones equipped with sensors and cameras are used for imaging, mapping, and surveying farms.
- ➢ We can use IoT sensors in agriculture and interconnectivity to make the internet of things work for formers.

KARTHICK S :

- ➢ We can use Cloud based data storage and an end-to-end IoT Platform for storing data from agriculture land.

- ➢ The Ground and Aerial drones are used for assessment of crop health, crop monitoring, planting, crop spraying, and field analysis.

NITHEEN V P:

- ➢ We can use smart irrigation which help us to reduce water supply
- ➢ By use of Precision Farming ,farmers are easy to generate data with the help of sensors and analyze information to take intelligent and quick decisions.