IDEATION PHASE

PROBLEM STATEMENT

Date	09 September 2022
Team ID	PNT2022TMID16094
Project Name	Smart Farmer-IOT Enabled Smart Farming Application
Maximum Marks	2 Marks

Problem Statement:

Internet of Things gives a new proportion of smart farming and agriculture territory. Because with the development of the current world, the internet of things field has peaked with modern technology and modern techniques. With this system we have monitored the environmental conditions using intelligent sensor techniques. In this system we have used a sensor network to transfer the data to the central server and collect information to monitor the real time feeding. This is mainly about the crops condition in the farming field. The sensors will indicate the high reading as high moisture, regular reading as normal moisture, and low reading as the low moisture. We have monitored the environmental conditions such as humidity, temperature etc. also with this system, we have used IoT devices to collect information from the plantation, and it will directly send those data to the IoT gateway and those data stores in a server platform. Most of the time, there will be some problems in the smart farming environment that can occur at certain times. Like network issues, sensor data issues, hardware failures etc.

I am	Suffering from the problem where my crops are dried out due to the farmers unconcern.
I am trying to	Overcome this where my crops are being destroyed.
But	I cannot able to find an efficient way to do a complete diagnose but the crops must be saved for future through IOT.
Because	I don't dare to have my diagnosis in a less promising manner.
Which makes me feel	Very devastated that farmers time also to be saved and to complete their work in less time.