

Ideation Phase

Problem Statements

Date	16 October 2022
Team ID	PNT2022TMID15968
Project Name	IoT Based Smart Crop Protection System for Agriculture
Maximum Marks	2 Marks

Customer Problem Statement:

Customer 1:

I have faced many disturbances for my agriculture farm by animals like rat which eat the underground vegetables like sweet potato it is one of the disturbances.

Customer 2:

I have faced many disturbances for my agriculture farm by soil moisture when I am not near to fields and lack of workers for my farm to maintain.

So, we got an idea to over come this by using IOT technology by using many types of sensor like soil moisture sensor for measuring soil wet condition and motion sensor to detect the movement of animals and flame sensor find any fire happens in the farm and temperature sensor.

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	farmer	Increase my planting	The animals had spoil it	I can't able to find when it comes	frustrated
PS-2	farmer	Secure my plants	The temperature has spoiling it	I can't able to predict the temperature	frustrated