Project Design Phase-I
Proposed Solution Template

Date	16 NOVEMBER 2022
Team ID	PNT2022TMID51798
Project Name	IOT Based Smart Crop Protection System for Agriculture.

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement(Problem to be solved)	Develop an efficient system & an application that can monitor and alert the users(farmers)
2.	Idea/Solution description	This product helps the field in monitoring the animals other disturbance. In several areas, the temperature sensors will be integrated to monitor the temperature & humidity.If in any area feel dry or wetless is detectedby admins, will be notified along with the location in the web application Access all the sensor remotely and change the sensors
3.	Novelty/Uniqueness	Fastest alerts to the farmers.The increasing demand for quality food.Providing good quality product forcustomer.Avoide all the unwanted products andanimals.
4.	Social Impact/Customer Satisfaction	Easy installation and provide efficientresultsthe optimisation of all the processes related to agriculture and livestock- rearing increases production rates.weather forecasts and sensors that measure soil moisture mean watering only when necessary and for the rightlength of time.
5.	Business Model(Revenue Model)	As the product usage can be understood by everyone, it is easy for them to use itproperly for their safest organizationThe product is advertised all over the platforms. Since it is economical, even helps small scale farming land from disasters.
6.	Scalability of the Solution	The role of crop protection in Integrated system is, additional to all the other methods, to efficiently control the residual harmful species, with minimal use of selected pesticide.

		ICP focuses on the real problems, namely the residual ones, after all othermethods are designed and optimised.