Project Design Phase-I
Proposed Solution Template

Date	13 October 2022
Team ID	PNT2022TMID32996
Project Name	IOT BASED SMART CROP PROTECTION SYSTEM FOR AGRICULTURE
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in 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 area,the temperature sensors will be integrated to monitor the temperature &humidity *If in any area feel dry or wetless is detected by 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 for customer *Avoid all unwanted products and animals
4.	Social Impact / Customer Satisfaction	*Easy installation and provide efficient results *The optimization of all the processes related to agriculture and live stock rearing increases production rate *Weather forecast and sensors that measure soil moisture mean watering only when necessary and for the right length of time
5.	Business Model (Revenue Model)	*As the product usage can be understood by everyone it is easy for them to use it properly for the safest organization
6.	Scalability of the Solution	*The role of crop protection in an integrated system is , additional to all the other methods , to efficiently control the residual harmful species