

PROJECT DESIGN PHASE-I

Proposed Solution Template

Date	23 September 2022
Team ID	PNT2022TMID50111
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.

SI NO.	Parameter	Description
1.	Problem Statement(Problem to be solved)	An intelligent crop protection system helps the farmers in protecting the crop from the animals and birds which destroys the crop. This system also helps farmers to monitor the soil moisture levels in the field and also the temperature, humidity values near the field. The motors and sprinklers in the field can be controlled using the mobile application.
2.	Idea/Solution description	The IOT based Agriculture will help farmers in increasing the agricultural yield and take efficient care of food production.
3.	Novelty/Uniqueness	Used to enhance the production of crops.
4.	Social Impact/Customer Satisfaction	<ul style="list-style-type: none">➤ Maintenance cost is low.➤ Takes control of finances, more valuable.
5.	Business Model(Revenue Model)	We can provide the application in a subscription based.
6.	Scalability of the Solution	<ul style="list-style-type: none">➤ Efficiency and sensor life is more.➤ In this system we use Libelium for smart agriculture so the crops are produced efficiently.

