

Project Design Phase-I
Proposed Solution

Date	26 October 2022
Team ID	PNT2022TMID34531
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)	Agriculture plays a major role in the development of rise of human civilization, the livelihood of many farming communities in the country has come under threat from the attacks of wild animals on crops and villages ,to solve these problems Smart farming is adopted . Smart Farming is focused on providing agricultural industry with the infrastructure to leverage advanced technology .
2.	Idea / Solution description	Smart farming is one of the best approach to increase production for competing with the increasing population of our country. Smart farming helps to increase the production of different crops by transforming agricultural systems.
3.	Novelty / Uniqueness	This project will be more helpful for farmers . It can be monitored and controlled from anywhere by using smart phones . System can be done even in urban areas.
4.	Social Impact / Customer Satisfaction	The data can be transmitted through a longer distance , they can monitor the crops being where ever in the world.
5.	Business Model (Revenue Model)	The devices and sensors employed need a regular maintenance and the manufacturing will improve the economy.
6.	Scalability of the Solution	To extend or reduce the database management for crops and to provide efficient product in terms of both hardware and software components.