

TheProject Design Phase-I
Proposed Solution Template

Date	25 OCTOBER 2022
Team ID	PNT2022TMID29726
Project Name	Project – 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)	The framers confronts many of the struggles like insect attack ,animal crazing and birds destroys the crops by feeding in them this is the major issue
2.	Idea / Solution description	Monitoring the field for 24x7 by using IoT technology to safeguard the crops and to intimate the farmers about the field status
3.	Novelty / Uniqueness	Man power for monitoring will be reduced, Immediate action will be taken by the implanted devices
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	Being the cost of implants are low it is possible to make smart crop protection for large field areas.