

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID36490
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 most common challenge for the Internet of Things in agriculture is connectivity. Every area doesn't have proper internet connectivity.
2.	Idea / Solution description	Further with the help of these sensors, farmers can monitor the field conditions from anywhere
3.	Novelty / Uniqueness	This project work is to yield monitoring arrangement for farm safety against animal attacks and climate change conditions
4.	Social Impact / Customer Satisfaction	IoT devices are small physical devices, they already require less plastic and other materials, thus producing less e-waste
5.	Business Model (Revenue Model)	allows predictive analytics to help you make better harvesting decisions
6.	Scalability of the Solution	Monitoring and managing climate conditions. Greenhouse automation and industrialization