Project Design Phase-I
Proposed Solution

Date	19 September 2022
Team ID	PNT2022TMID32605
Project Name	Smart Crop Protection System for Agriculuture
Maximum Marks	2 Marks

Proposed Solution:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Iot based Smart Crop Protection System for Agriculuture
2.	Idea / Solution description	An intelligent crop protection system helps the farmers in protecting the crop from the animals and birds which destroy the crop. This system also helps farmers to monitor the soil moisture levels in the field and also the temperature and humidity values near the field. The motors and sprinklers in the field can be controlled using the mobile application
3.	Novelty / Uniqueness	The complete safety of crops is ensured from animals without harming animals and with minimum loss to the farm
4.	Social Impact / Customer Satisfaction	To tackle the effect of climate change, water scarcity and to prevent crop from animals for better yields
5.	Business Model (Revenue Model)	Iot business models include platform,subscription,pay-per-usage and data driven models
6.	Scalability of the Solution	It supports increasing number of connected devices and users as well as application features