

**Project Design Phase-I**  
**Proposed Solution Template**

Date	19 September 2022
Team ID	PNT2022TMID02468
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)	Animals cause lot of damage to crops either by running over them or eating them and vandalizing them completely. This leads to huge loss for the farmers. It is not possible for farmers to barricade entire fields or stay on field 24 hours and guard it. So here we propose automatic crop protection system from animals.
2.	Idea / Solution description	To track and manage Crops Analysis on a daily basis in the form of web application. Which helps in identifying animals and pests, by buzzer alarm.
3.	Novelty / Uniqueness	Increase in yields, High profit, Reduces time. Safety of crops.
4.	Social Impact / Customer Satisfaction	Crop protection management, Improve productivity, User can get by graphical method.
5.	Business Model (Revenue Model)	Direct sales and advertising.
6.	Scalability of the Solution	Better crop productivity and improved worker safety and no animals are harmed.