Project Design Phase-I
Proposed Solution Template

Date	23 September 2022
Team ID	PNT2022TMID30091
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)	- Monitoring crops using IOT - Finding its Health - Making this using iot
2.	Idea / Solution description	- System that we built for monitoring the crop - Using the help of sensors to monitor temperature, soil moisture, crop health, etc.) - Automating the irrigation system
3.	Novelty / Uniqueness	- Intelligent data collection. - Sensors installed on IoT devices are able to collect a large volume of useful information for farmers. - Process automation. - Animal monitoring. - Competitive advantage.
4.	Social Impact / Customer Satisfaction	- Farmers can decrease the fertilizers and pesticides - Results in a lower impact on the ecosystem
5.	Business Model (Revenue Model)	- IOT Agri project will be solved worldwide through Alibaba, Amazon, flipkart etc.. - Day by Day Agriculture iot projects are get demand in market . Hence the growth will be Best
6.	Scalability of the Solution	Better crop productivity and improved worker safety.

		- Industry boosts operational proficiency, capitalize on yields, and reduces energy waste. - Agricultural productivity and enhance farm income on a sustainable basis, enhance water and nutrients use efficiency.