Project Design Phase-I
Proposed Solution Template

Date	27 September 2022
Team ID	PNT2022TMID14879
Project Name	Project - Smart Farmer- IOT Enabled Smart Farming Application
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)	Farmers are under pressure to produce more food AND use less energy and water in the process. A remote monitoring and control system will help farmers deal effectively with these pressures.
2.	Idea / Solution description	Our product aims to monitor the climatic conditions,pest management and produce lots of high quality of crop production
3.	Novelty / Uniqueness	Lots of new research in terms of Smart IoT based product's development is being carried out to facilitate Smart Farming in terms of Crop Management, Pest Management, Agriculture Precision, Agriculture Fields Monitoring via Sensors and even Drones.
4.	Social Impact / Customer Satisfaction	Smart agriculture makes it possible to avoid challenges and remove all issues that may arise during farming processes.So the quality of the product is growing and consumers get a good product of high quality.
5.	Business Model (Revenue Model)	As the Productivity increases,customer satisfaction also increases and hence need of application also be increases,which increase the revenue for the buisness.
6.	Scalability of the Solution	Smart Farming system uses modern technology to increase the quantity and quality of agricultural products.Livestock tracking and Geo fencing.Smart pest management and Smart crop management .