Project Design Phase-I
Proposed Solution Template

Date	23 September 2022
Team ID	PNT2022TMID33621
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	Smart farming systems uses modern technology to increase the quantity and quality of agricultural products.
3.	Novelty / Uniqueness	Monitoring of climate conditions, green house automation and crop management.
4.	Social Impact / Customer Satisfaction	By the project that we have done will help to produce more food and use less energy ansd water. Remote monitoring will help them in a effective way.
5.	Business Model (Revenue Model)	Smart farming envisages the harnessing of Information and Communication Technologies as an enabler of more efficient, productive, and profitable farming enterprises. Such technologies do not suffice on their own; rather they must be judiciously combined to deliver meaningful information in near real-time.
6.	Scalability of the Solution	Smart Farming solutions provide an integrated IoT platform in agriculture that allows farmers to leverage sensors, smart gateways and monitoring systems to collect information, control various parameters on their farms and analyse real-time data in order to make informed decisions.