Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID32919
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)	Crop monitoring involves the use of sensors, drones, and satellites to monitor crop health and identify locations requiring attention. Crop monitoring systems also include all data such as crop health, humidity, rainfall, temperature, and more.
2.	Idea / Solution description	We are using monitoring sensors to collect the data about the crops/fields.
3.	Novelty / Uniqueness	Crop monitoring is easily done to observe the growth of the crop.
4.	Social Impact / Customer Satisfaction	Enhance highly transparent farming to consumers, society, and market consciousness.
5.	Business Model (Revenue Model)	This system is used to generate decisions regarding farming using real time data.
6.	Scalability of the Solution	Smart farming has enabled farmers to reduce waste and enhance productivity with the help of sensors and automation of irrigation systems.