Project Design Phase-I
Proposed Solution Template

Date	21 October 2022
Team ID	PNT2022TMID23830
Project Name	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)	Choosing a few agricultural challenges, overcoming them, and leveraging IOT to boost output quality and quantity in order to make farming easier.
2.	Idea / Solution description	Employing clever methods such as soil analysis, smart irrigation, and climate monitoring for farming.
3.	Novelty / Uniqueness	A smart irrigation system powered by solar energy enables you to use intelligent sensors to keep an eye on the temperature, moisture, and humidity.
4.	Social Impact / Customer Satisfaction	We can control soil erosion using this strategy, which is superior to the current modern irrigation system.
5.	Business Model (Revenue Model)	Customer happiness rises along with productivity, increasing demand for the application and, ultimately, the business's income.
6.	Scalability of the Solution	It is unquestionably scalable; if an issue emerges, we may tighten the limits.