Project Design Phase-I
Proposed Solution Template

Date	01 November 2022
Team ID	PNT2022TMID43402
Project Name	Project – Smart Farmer-IoT enabled smart farming application.
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	To make farming simpler by identifying a few agricultural restrictions, overcoming those limits, and leveraging IOT to boost production quality and quantity.
2.	Idea / Solution description	BY using smart agriculture techniques like monitoring farms climate, temperature, humidity, smart irrigation and soil analysis.
3.	Novelty / Uniqueness	Smart irrigation powered by solar allows you to use intelligent sensors to track temperature, moisture, and humidity.
4.	Social Impact / Customer Satisfaction	By employing this technology, we can control soil erosion better than the current irrigation system that is available today. Better output yield will result.
5.	Business Model (Revenue Model)	As productivity rises, customer happiness rises as well, driving up demand for the application and, ultimately, the business's income.
6.	Scalability of the Solution	It is unquestionably scalable, and we may tighten the restrictions if an issue occurs.