Project Design
Phase-IProposed
Solution

Date	26 october 2022
Team ID	PNT2022TMID38983
Project Name	SmartFarmer - IoT
Maximum Marks	2 Marks

Proposed Solution:

The project team shall fill in the following information in the proposedsolution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Aids the farmer in regulating motor pumps from a mobile application and monitoring several field factors, such as soil moisture, temperature, and humidity, using sensors.
2.	Idea / Solutiondescription	We can offer a solution using the Smart Farming Application system, which was created for automating the irrigation system and using sensors to monitor the agricultural area.
3.	Novelty / Uniqueness	Gather information on the various types of soil and make predictions about the yield to determine which soils will be most effective for growing a particularcrop.
4.	Social Impact / Customer Satisfaction	Customers and farmers will benefit from this application's improved understanding of key farming

		components like water, vegetation, and soil kinds.
5.	Business Model (Revenue Model)	We will provide free access to this app for the first month. After that, users will learn more about the app's effectiveness. Then, based on their convenienceusers can use this application bypurchasing a premium subscription for a month or a year.,

6.	Scalability of the Solution	Our product has the potential to develop because smart farming is a new technology that is being developed. Reduce the strain on farmers; Easy to monitor and control; Adopt and understand new technology