Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID04781
Project Name	SmartFarmer - 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)	I am a farmer I am trying to monitor my agricultural land 24x7. but, I can't stay in my place any time because my home is far away from my land. so, I want some solution that will help to monitor my land soil moisture and control motor.
2.	Idea / Solution description	An IoT system that has many sensors to gather information about agricultural land and then send that information to the mobile app. The mobile app provides an option to ON/OFF the motor also.
3.	Novelty / Uniqueness	Simple UI to understand the information and use the application very well.
4.	Social Impact / Customer Satisfaction	Both monitor the land and control the motor with a fingertip available 24x7. It saves more time and effort.
5.	Business Model (Revenue Model)	The system consists of a low amount of sensors and simple cloud functions. so, it is financially better.
6.	Scalability of the Solution	It is a simple solution compared with other technologies.