Project Design Phase-I
Proposed Solution Template

Date	24 September 2022
Team ID	PNT2022TMID08036
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)	Helps the farmer in maintaining different parameters of field using some sensors to make decisions whether to water the crops or not and controlling the motor pumps from mobile application.
2.	Idea / Solution description	Sensors are used to collect information about soil, temperature, humidity and are sent to IoT based cloud platform to make farmer relevant decision for better crop yield.
3.	Novelty / Uniqueness	Enable farmers to monitor crops from anywhere.
4.	Social Impact / Customer Satisfaction	Smart farming increases the quality of crops and maintains irrigation by decreasing the water wastage.
5.	Business Model (Revenue Model)	This mobile application uses real time monitoring of crops and remotely to accelerate decision making process.
6.	Scalability of the Solution	Maximizing operational efficiency and minimizing labour costs to simplify their workload through automated processing.