

Project Design Phase-I
Proposed Solution

Date	19 September 2022
Team ID	PNT2022TMID30918
Project Name	Smart Farmer - IoT Enabled Smart Farming Application
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
	Problem Statement (Problem to be solved)	To develop IoT-based agriculture system
	Idea / Solution description	<ul style="list-style-type: none">• An IoT-based agriculture system helps the farmer monitor different parameters of his field like soil moisture, temperature, and humidity using some sensors.• Farmers can monitor all the sensor parameters using a web or mobile application even if they are not near their field.
	Novelty / Uniqueness	<ul style="list-style-type: none">• Easier recording and reporting• Increased work efficiency• Increase yield• Easy of use
	Social Impact / Customer Satisfaction	<ul style="list-style-type: none">• Increased Quality of Production• Remote Monitoring• Help to reduce unnecessary wastage
	Business Model (Revenue Model)	<ul style="list-style-type: none">• It's a more efficient method that saves electricity and water while also making frames more environmentally friendly.
	Scalability of the Solution	<ul style="list-style-type: none">• Scalability in smart farming refers to the adaptability of a system to increase the capacity of yield