

Project Design Phase-I
Proposed Solution

Date	September 2022
Team ID	PNT2022TMID43153
Project Name	Smart Farmer - 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)	Factors such as climate changes, Population growth, Food security concerns should be protected and improve crop yield.
2.	Idea / Solution description	Farmers can monitor the crops from the analytical dashboard and take actions on insights using IoT Based remote sensing.
3.	Novelty / Uniqueness	All the required features along with the CAMERA facility which enables us to monitor the crops virtually in a more precise way.
4.	Social Impact / Customer Satisfaction	Doubles the Farmer income, Higher Production, Food safety
5.	Business Model (Revenue Model)	Government Driven Models, Contract farming models.
6.	Scalability of the Solution	Reliable with increased Performance and Efficiency and affordable cost