

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID03070
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)	To clear up farmer troubles like <ul style="list-style-type: none"> • Lack of Modernization and Mechanization • Invest in farm productiveness and enhancing yield production. • Cope with weather change, soil erosion
2.	Idea / Solution description	An application and device is brought to realize about various information about their land remotely, where they could schedule some events for a month or a day. It also offers guidelines to customers primarily based on the crop they planted.
3.	Novelty / Uniqueness	Providing suggestions, Planning events
4.	Social Impact / Customer Satisfaction	Farmers can track and control their land, suggestions of next plant crops and improving yield gives satisfaction.
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> • It's a subscription model, where in user should pay for their internet. • Customer offerings are supported. • It helps third party gadgets also. • Reach customers via Referral, Agents, Third party applications.
6.	Scalability of the Solution	Our product is scalable with our gadgets (more addons) in addition to third party gadgets also. Ability to provide numerous capabilities in a application like report generation etc.