

**Project Design Phase-I**  
**Proposed Solution Template**

Date	19 September 2022
Team ID	PNT2022TMID22163
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 solve farmer issues like <ul style="list-style-type: none"><li>• Lack of Modernization and Mechanization</li><li>• Invest in farm productivity and improving yield production.</li><li>• Cope with climate change, soil erosion</li></ul>
2.	Idea / Solution description	An application and device is introduced to know about various data about their land remotely, where they can schedule some events for a month or a day. It also provides suggestions to users 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"><li>• It's a subscription model, where user have to pay for their internet.</li><li>• Customer services are supported</li><li>• It supports third party devices also</li><li>• Reach customers via Referral, Agents, Third party applications</li></ul>
6.	Scalability of the Solution	Our product is scalable with our devices (extra addons) as well as third party devices also. Ability to provides various features in a application like reports generation etc.