

Project Design Phase-I
Proposed Solution Template

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| Date | 20 October 2022 |
| Team ID | PNT2022TMID03050 |
| 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">• Lack of Modernization and Mechanization• Invest in farm productivity and improving yield production.• Cope with climate change, soil erosion |
| 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">• It's a subscription model, where user have to pay for their internet.• Customer services are supported• It supports third party devices also• Reach customers via Referral, Agents, Third party applications |
| 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. |