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

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID22829 |
| 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.

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| **S.No.** | **Parameter** | **Description** |
| 1. | Problem Statement (Problem to be solved) | To solve farmer issues like   * 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) | * 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. |