**Smart Farmer- IoT Enabled Smart Farming Application**

**TEAM ID :** PNT2022TMID22759

**Project Design Phase-I**

**Proposed Solution Template**

**Proposed Solution Template:**

Project team shall fill the following information in proposed solution template.

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| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | To make farming easier by choosing several constraints in agriculture and to overcome those constraints, to increase production quality and quantity using IOT. |
|  | Idea / Solution description | Using smart techniques like monitoring farms climate, smart irrigation and soil analysis. |
|  | Novelty / Uniqueness | Solar power smart irrigation system which helps you to monitor temperature, moisture ,humidity using smart sensors. |
|  | Social Impact / Customer Satisfaction | It is better than the present modern irrigation system by using this method we can control soil erosion. There will be better production yield. |
|  | Business Model (Revenue Model) | As the productivity increases customer satisfaction also increases and hence need for the application also increases, which increases the revenue of the business. |
|  | Scalability of the Solution | It is definetly scalable we ca increase the constraints when the problem arises. |