Project Design Phase-IProposedSolutionTemplate

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| TeamID | PNT2022TMID20252 |
| Project Name | IOT Based Smart Crop Protection System For Agriculture. |
| MaximumMarks | 2Marks |

**ProposedSolutionTemplate:**

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| **S.No** | **Parameter** | **Description** | |
| 1. | Problem Statement (Problem to be solved) | Develop a system that can monitor various parameters, detect if there is heavy rainfall or any intrusion of animals and alert the farmers | |
| 2. | Idea/Solution description | * This system monitors any intrusion of any animals and notified * Temperature sensors, pH sensors will be integrated to monitor the temperature & humidity * If heavy rainfall is suspected the notification is sent to the farmers | |
| 3. | Novelty/Uniqueness | * Quick alerts to the farmers * User friendly | |
| 4. | Social Impact/Customer Satisfaction | * Easy installation * Provide reliable results | |
| 5. | Business Model (Revenue Model) | * As the product usage can be understood by everyone, it is easy for them to use it properly for their safest organization * The product is advertised all over the platforms. Since it is economical, even helps small scale farming land to increase their profit | |
| 6. | Scalability of the Solution | | * The system senses the accurate location and alerts the farmers effectively |