Project Design Phase-IProposedSolutionTemplate

|  |  |
| --- | --- |
| Date | 19September2022 |
| TeamID | PNT2022TMID47477 |
| Project Name | IOT Based Smart Crop Protection System For Agriculutre. |
| MaximumMarks | 2Marks |

**ProposedSolutionTemplate:**

Projectteamshallfillthefollowing informationinproposedsolutiontemplate.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No.** | **Parameter** | | **Description** | |
| 1. | ProblemStatement(Problemtobesolved) | | Develop an efficient system & an application that can monitor and alert the users(farmers) | |
| 2. | Idea/Solution description | | * This product helps the field in monitoring the animals other disturbance * In several areas, the temperature sensors will be integrated to monitor the temperature & humidity * If in any area feel dry or wetless is detected by admins, will be notified along with the location in the web application | |
| 3. | Novelty/Uniqueness | | * Fastest alerts to the farmers * The increasing demand for quality food * User friendly | |
| 4. | Social Impact/Customer Satisfaction | | * Easy installation and provide efficient results * Can work with irrespective of fear | |
| 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 from disasters. | |
| 6. | | Scalability of the Solution | | * Even when the interruption is more, the product sense the accurate location and alerts the farmers effectively |