PROJECT DESIGN PHASE-I PROPOSED SOLUTION

|  |  |
| --- | --- |
| Date | 19 September 2022 |
| TeamID | PNT2022TMID08369 |
| Project Name | IOT Based Smart Crop Protection System For Agriculture. |
| MaximumMarks | 2 Marks |

**PROPOSEDSOLUTIONTEMPLATE:**

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

|  |  |  |
| --- | --- | --- |
| **S.NO** | **PARAMETER** | **DESCRIPTION** |
| 1. | Problem Statement | 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 wet less 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 |