**Project Design Phase-**

**Proposed Solution Template**

|  |  |
| --- | --- |
| DATE | 18 OCTOBER 2022 |
| TEAM ID | PNT2022TMID08727 |
| PROJECT | IOT BASED SMART CROP PROTECTION SYSTEM FOR AGRICULTURAGRICULTURE |
| MARK | 2 MARK |

**Proposed Solution Template:**

|  |  |  |
| --- | --- | --- |
| **S.N**  **o.** | **Parameter** | **Description** |
| 1. | Problem Statement (Problem to be solved) | 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 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 |