Project Design Phase-I Proposed Solution

|  |  |
| --- | --- |
| Date | 15 October 2022 |
| Team ID | PNT2022TMID12310 |
| Project Name | Project – IoT Based Smart Crop Protection System for Agriculture |
| Maximum Marks | 2 Marks |

**Proposed Solution :**

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

|  |  |  |
| --- | --- | --- |
| **S.No.** | **Parameter** | **Description** |
| 1. | Problem Statement (Problem to be solved) | To protect the agriculture farm field from animals and birds which destroys the crops. |
| 2. | Idea / Solution description | Monitoring movement of Animals by using Arduino and API system and control measures by sending messages. |
| 3. | Novelty / Uniqueness | Controlling Animals using GSM module to send the notification to farmer. |
| 4. | Social Impact / Customer Satisfaction | Improve the Productivity and Save the Lives of Farmers. |
| 5. | Business Model (Revenue Model) | Community based solution bt FAO’s ,Solution through contract farming. |
| 6. | Scalability of the Solution | The process of operating this Model is very easy. |