**IOT Based Smart Crop Protection system for Agriculture**

Proposed solution template.

Date 24 September 2022

Team id PNT2022TMID47966

Project Name **IOT Based Smart Crop Protection system for Agriculture**

Maximum marks 2 Marks



PROPOSED SOLUTION TEMPLATE:



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| S.NO | Parameter | Description |
| 1. | Problem Statement | With the help of remote sensing technologies develop crop protection  solution from wild animal attacks. Provide alerts on any crop damage  in case animals destroy crops. |
| 2. | Idea/solution  description | This system will provide a complete technical solution using the Internet of things (IOT) to the farmers to prevent their crops from wild animals and provide information to the farmers to maximize their production. |
| 3. | Novelty/Uniquesness | Scholarly articles for uniqueness for iot based smart crop protection system for agriculture |
| 4. | Social impact/Customer satisfication | IoT ensures accurate and efficient communication to farmers of real time data related to dynamic agricultural processes (like weather forecasts, planting, harvesting, etc.), weather forecasts, soil quality, and availability and cost of labor. |
| 5. | Business model  (Revenue model) | A popular IOT  business model is  to build a medium  cost and usable  product/project for  people |
| 6. | Scalability of the solution | The main capability of our project is to identify the animals like elephants & wild pigs that enter into the cultivated land. The sensor analyse the moment of animals and provide alarm sound |