**Project Design Phase-I**

**Proposed Solution Template**

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| Date | 19 September2022 |
| Team ID | PNT2022TMID44775 |
| Project Name | IOT Based Smart Crop Protection System for Agriculture. |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

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

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| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | Develop system for disease, insect ,wild animal attacks on crop and yield prediction of  crop. |
|  | Idea / Solution description | This system uses a motion sensor to detect wild animals approaching near the field.  be commonly found in smart phones, computer Class Room Light Controlling Using Arduino . |
|  | Novelty / Uniqueness | We have designed this project for the only secure from animals but we this project have the provision to secure fromt the human begins also. farmers can control them remotely. |
|  | Social Impact / Customer Satisfaction | increase the production.  water saving.  remote management  reduce manual labours  Monitoring the growing condition .  product the crop from animal attack.  high yield and high quality harvesting. |
|  | Business Model (Revenue Model) | by using sensors in ioT also facilitates the continuous optimization of business processes and even impacts employee engagement and performance. and earn more profits by using this system in agriculture. |
|  | Scalability of the Solution | With the help of remote sensing technologies develop crop protection solution from wild animal attacks. Provide alerts on any crop damage Pin case animals destroy crops. |