**PROJECT DESIGN PHASE-I**

**Proposed Solution Template**

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| Date | 23 September 2022 |
| Team ID | PNT2022TMID50111 |
| Project Name | IOT Based Smart Crop Protection System For Agriculture. |
| Maximum M arks | 2 Marks |

**Proposed Solution Template:**

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

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| SI NO. | Parameter | Description |
| 1. | Problem Statement(Problem to be solved) | An intelligent crop protection system helps the farmers in  protecting the crop from the animals and birds which destroys  the crop. This system also helps farmers to monitor the soil  moisturelevels in the field and also the temperature, humidity  values near the field. The motors and sprinklers in the field  can be controlled using the mobile application. |
| 2. | Idea/Solution description | The IOT based Agriculture will helps farmers in increasing the agricultural yield and take efficient care of food production. |
| 3. | Novelty/Uniqueness | Used to enhance the production of crops. |
| 4. | Social Impact/Customer Satisfaction | * Maintanence cost is low. * Takes control of finances , more valuable. |
| 5. | Business Model(Revenue Model) | We can provide the application in a subscription based. |
| 6. | Scalability of the Solution | * Efficiency and sensor life is more. * In this system we use Libelium for smart agriculture so the crops are produce efficiency. |