Project Design Phase-I Proposed Solution Template

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| Date | 28 September 2022 |
| Team ID | PNT2022TMID51110 |
| Project Name | Project – 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** |
| 1. | Problem Statement (Problem to be solved) | Usually crops in the fields are protected against birds and other unknown disturbances by humans. This take an enormous amount of time.  Creating a smart automatic system will benefit the farmers in many different ways. |
| 2. | Idea / Solution description | To track and manage Crops Analysis on a daily basis in the form of web application. Users can get an analysis in graphical form. |
| 3. | Novelty / Uniqueness | Users can categorize their crops into various groups. |
| 4. | Social Impact / Customer Satisfaction | Reduces Time consumption. Prioritizes the safety of Crops. |
| 5. | Business Model (Revenue Model) | The application is available on a subscription basis. |
| 6. | Scalability of the Solution | Even when a big number of people visit the programme at once, performance and speed remain unaffected. |