Project Design Phase-I Proposed Solution Template

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| Date | 04 November 2022 |
| Team ID | PNT2022TMID22052 |
| Project Name | Smartfarmer – IoT Enabled Smart Farming Application |
| 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) | The traditional way of watering the crops is farmer has to visit cultivation land daily ,now we can see through the application |
| 2. | Idea / Solution description | The small piece of cultivation land denotes overall land to water the crops. The objective of smart farmer is to turn complex soil moisture data in land,humidity,temperature into information which is easily understandable |
| 3. | Novelty / Uniqueness | This real time based smart farmer system monitors soil moisture , humidity, temperature |
| 4. | Social Impact / Customer Satisfaction | It is a user friendly .So, farmer can easily understand the application |
| 5. | Business Model (Revenue Model) | This application is useful when it’s implemented in business |
| 6. | Scalability of the Solution | The random data received from the sensors predicts whether to water the crops |