**Project Design Phase-I**

**Proposed Solution Template**

| Date | 19 September 2022 |
| --- | --- |
| Team ID | PNT2022TMID04781 |
| 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.

| **S.No.** | **Parameter** | **Description** |
| --- | --- | --- |
|  | Problem Statement (Problem to be solved) | I am a farmer I am trying to monitor my agricultural land 24x7. but, I can’t stay in my place any time because my home is far away from my land. so, I want some solution that will help to monitor my land soil moisture and control motor. |
|  | Idea / Solution description | An IoT system that has many sensors to gather information about agricultural land and then send that information to the mobile app. The mobile app provides an option to ON/OFF the motor also. |
|  | Novelty / Uniqueness | Simple UI to understand the information and use the application very well. |
|  | Social Impact / Customer Satisfaction | Both monitor the land and control the motor with a fingertip available 24x7. It saves more time and effort. |
|  | Business Model (Revenue Model) | The system consists of a low amount of sensors and simple cloud functions. so, it is financially better. |
|  | Scalability of the Solution | It is a simple solution compared with other technologies. |