**Project Design Phase-I**

**Proposed Solution Template**

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| Date | 7 October 2022 |
| Team ID | PNT2022TMID51278 |
| Project Name | Smart farmer- 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** |
|  | Problem Statement (Problem to be solved) | Farmers are under pressure. A remote monitoring and control system will help farmers deal effectively with these pressure. |
|  | Idea / Solution description | A remote monitoring system for the farmers through a mobile application. |
|  | Novelty / Uniqueness | Various eminent researches have been making effort for smart farming.This study makes some efforts to discuss past research and open challenges in IOT based agriculture. |
|  | Social Impact / Customer Satisfaction | By this smart farming application a customer can reduce the cost and time management. |
|  | Business Model (Revenue Model) | Huge increase in population across the globe increases the demand for food.This increase the use of technology and automation within the farming process to get the maximum yield and output. |
|  | Scalability of the Solution | Crop yield is a major issue for farmers due to bad weather conditions ,peasants ,unplanned seed sowing and rising demand for food of higher quality.By this IOT technology to monitor their fields in real time and prioritize quality food production. |