**Project Design Phase-I**

**Proposed Solution Template**

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| Date | 24 September 2022 |
| Team ID | PNT2022TMID51214 |
| Project Name | Project -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** |
|  | Problem Statement (Problem to be solved) | Monitoring climate condition,greenhouse automation,crop management and etc. |
|  | Idea / Solution description | Using smart agriculture sensor to monitor the state of crops farmers can define exactly how many pesticides and fertilizers they have to use to reach optimal efficiency. |
|  | Novelty / Uniqueness | Better control over the internal processes andas a result, lower production risks. |
|  | Social Impact / Customer Satisfaction | Increased business efficiency and enhanced product quality and volumes,cost management and waste management. |
|  | Business Model (Revenue Model) | The technology includes irrigation management scouting of crops, harvesting, seeding. |
|  | Scalability of the Solution | Scalability refers to the ability to increase available resources and system capabilitywithout the need to go through a major system redesigner implementation. |