

**Project Design Phase-I**  
**Proposed Solution Template**

|               |   |
|---------------|---|
| Date          | 15 october 2022   |
| Team ID       | PNT2022TMID11544  |
| Project Name  | Project – 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.

| S.No. | Parameter                                | Description  |
|-------|--|--|
| 1.    | Problem Statement (Problem to be solved) | To make farming easier by choosing several constraints in agriculture and to overcome those constraints, to increase production quality and quantity using IOT.    |
| 2.    | Idea / Solution description              | Using smart techniques like monitoring farms climate, smart irrigation and soil analysis.  |
| 3.    | Novelty / Uniqueness                     | Solar power smart irrigation system which helps you to monitor temperature, moisture ,humidity using smart sensors.  |
| 4.    | Social Impact / Customer Satisfaction    | It is better than the present modern irrigation system by using this method we can control soil erosion. There will be better production yield.                    |
| 5.    | Business Model (Revenue Model)           | As the productivity increases customer satisfaction also increases and hence need for the application also increases, which increases the revenue of the business. |
| 6.    | Scalability of the Solution              | It is definitely scalable we can increase the constraints when the problem arises.   |