

Project Design Phase-I Proposed Solution Template

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| Date | 16 October 2022 |
| Team ID | PNT2022TMID28757 |
| 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. |