

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

Date	19 September 2022
Team ID	PNT2022TMID37201
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 sensors like temperature, moisture, humidity to forecast the weather and farming which are controlled over by the mobile application.
3.	Novelty / Uniqueness	Farmers can control the motor operation via mobile application. Alert message is sent to the farmer's mobile through the sensor nodes.
4.	Social Impact / Customer Satisfaction	There will be better production yield. Reduces the wages of the labours. Saves lot of time.
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.