

Projects Design Phase-I

Proposed Solution Template

Date	11 November 2022
Team ID	PNT2022TMID13187
Project Name	SmartFarmer - IoT Enabled Smart Farming Application

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)	It is hard for the farmers to check the environmental condition of their crops or farming land every time?
2.	Idea / Solution description	Using modern IoT technology get the data like temperature, humidity and presence of water in the soil whenever we want with the help sensors.
3.	Novelty / Uniqueness	Use of mobile application for displaying data gives good user experience and also the app provides smart suggestions.
4.	Social Impact / Customer Satisfaction	User friendly app and easy to install the embedded setup up. It makes the decision making easy for the farmers.
5.	Business Model (Revenue Model)	Apart from the data we can give smart suggestion when they subscribe.
6.	Scalability of the Solution	As industries develop. It is very important for Agricultural industry to compete equally so this product will be successful in the future