

PROJECT DESIGNPHASE-1

PROPOSED SOLUTION TEMPLATE

Date	25-09-2022
Team ID	PNT2022TMID29878
Project Name	Smart Farmer - Iot Enabled Smart Farming Application
Maximum Marks	2 Marks

Proposed Statement Template:

S.No	Parameters	Description
1	Problem statement (problem to be solved)	SmartFarmer-Iot Enabled Smart Farming Application
2	Idea/Solution Description	This project helps the farmer in monitoring different parameters of his field like soil, moisture, Temperature and humidity using some sensors. Farmers can monitor all the sensor parameters by using a web or mobile application even if the farmers is not near his field.
3	Novelty/Uniqueness	Watering the crops is one of the important tasks for the farmers. They can make the decision whether to water the crop or postpone it by monitoring the sensor parameter and controlling the motor pumps from the mobile application .
4	Social impact/Customer Satisfaction	Smart Farming allows farmers to be much more precise. By Using IOT farmers boost operational proficiency and reduce energy waste. Farmer can monitor and get all the sensor parameters data about his field in real time through web application
5	Business Model(Revenue Model)	<ul style="list-style-type: none">• Cost Efficiency• Fuel Efficiency
6	Scalability the solution	This project has HIGH SCALABILITY in monitoring all the sensor parameters and controlling the motor pump through mobile applications