

Project Design Phase-I Proposed Solution Template

Team ID	PNT2022TMID44437
Project Name	Smart Farming-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)	<ul style="list-style-type: none"> They Farmers can be save the time for easily monitoring the fields. Water supply is too difficult to the farmers,Farmers can wait the water fillup for the whole Farmland
2.	Idea / Solution description	<ul style="list-style-type: none"> Uses Modern Technology to increase the Quantity and Quality of Agriculture products. Data can Collected by the separate sensors.So cultivation is done for Suitable crop.
3.	Novelty / Uniqueness	<p>ALERT MESSAGE-IOTSensor nodes collect the data from the farming environment such Soil moisture,Temperature ,Air humidity,etc,then transmit the collected data to IOT devices.</p> <p>REMOTE ACCESS:Its helps to the farmers access the motor from anywhere.</p>
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> Increased production It makes a wealthy society Its save lot of time Creates both Jobs and Economic growth. Supporting livelihoods through food Improve customers relationship by using IOT
5.	Business Model (Revenue Model)	<p>Revenue(No of Users VS Months</p> <p>USERS</p>

6.	Scalability of the Solution	<ul style="list-style-type: none"> Scalability is a major concern for IOT platform. It is composed of thousands of sensors continuously transmitting data. It increases the capacity, while enabling time analysis.