

PROJECT DESIGN PHASE-I
PROPOSED SOLUTION

Date	22 September 2022
Team ID	PNT2022TMID16094
Project Name	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)	Early Detection of Damaging Crop condition using IOT.
2.	Idea / Solution description	Early detection and cure of Crop Condition is extremely desirable as it can lead to the prevention of unwanted consequences. IOT methods are used to predict the various stages of diseases affecting the crops.
3.	Novelty / Uniqueness	Specifically, we have used the Soil Moisturizer sensor to detect the soil content in which the crop can grow efficiently.
4.	Social Impact / Customer Satisfaction	As the Crop diseases is a silent disease, as most sufferers have no symptoms until the total crops get damaged. Our project can be a huge game changer in a farming field by helping farmers to predict the Crops.
5.	Business Model (Revenue Model)	This application is recommended to farmers in low cost.
6.	Scalability of the Solution	IOT methods can be employed to better analyze soil moisturizer and prediction of crops and aid efforts to bring more new methodology.