

Project Design Phase-I
Proposed Solution Template

Date	27 Oct 2022
Team ID	PNT2022TMID34370
Project Name	Smart farmer-IoT enabled smart farming applicatio
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)	Watering the field is a difficult process.Farmers ha to wait in the field until the covers the whole farm field.power supply is also one of the problems.
2.	Idea / Solution description	As is the case of precision agriculture smart farmi technique enables farmers better to monitor the Fileds and maintain humidity level accordingly.
3.	Novelty / Uniqueness	Alert/message-IoT sensor nodes collect informatio From the farming environment, such as soil moistu ,air humidity, temperature and water quality.
4.	Social Impact / Customer Satisfaction	Smart farming helps farmers to better understand The important factor such as water,topology with Their production environment and economically.
5.	Business Model (Revenue Model)	Revenue(no.of users vs months
6.	Scalability of the Solution	Case studies have shown precision irrigation has 5%-8% impact on yield and a similar impact on cos and provide immediate impact with a very short.