

Project Design Phase 1 Proposed Solution Template

Team ID	PNT2022TMID19466
Maximum marks	2 Marks

Proposed Solution:

Project team shall fill the following information in proposed solution template.

S.No	Parameter	Description
1.	Problem Statement (Problem to be solved)	To make farming easier by choosing several constraints in agriculture and to overcome those constraints, to increase production quality and quantity using IoT.
2.	Idea/Solution description	Using smart techniques like monitoring farms climate, smart irrigation and soil analysis.
3.	Novelty/Uniqueness	Vertical Farming method and usage of NDIR CO2 monitoring and smart irrigation.
4.	Social Impact/ Customer Satisfaction	It is better than the present modern irrigation system by using this method we can control soil erosion. There will be better production yield.
5.	Business Model(Revenue Model)	As the increase in production, customer satisfaction also increased and hence the application needs get increases, which in turn increases the business revenue.
6.	Scalability of the Solution	It is made scalable, which increases the constraints when the problem arises.