Proposed Solution

Date	21 September 2022
Team ID	PNT2022TMID20566
Project Name	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)	✓ Helps the farmer in monitoring different parameters of his field like soil moisture, temperature, humidity using sensors and also controlling motor pumps from mobile application.
2.	Idea / Solution description	✓ IOT based agricultural application
3.	Novelty / Uniqueness	✓ Collect the data about the different types of the soil and predict the yield about, in which soil the particular crop will be efficiently cultivated.
4.	Social Impact / Customer Satisfaction	✓ With farms being located in far-off areas and distant lands, farmers are seeking a better solution to their management issues. ✓ Smart Greenhouse and time management.
5.	Business Model (Revenue Model)	✓ For first one week we will give free access to this app then, after using this app they will come to know about the efficiency of this app. ✓ Then according to their convenience, they can make use of this application by using premium either a month or a year.
6.	Scalability of the Solution	✓ Decrease farmer's burden. ✓ Easy to control and monitoring. ✓ Adopt and learn new technologies.