Project Design Phase-I

Proposed Solution

Date	19 September 2022
Team ID	PNT2022TMID46915
Project Name	SmartFarmer – 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)	To solve farmer issues like - Lack of Modernization and Mechanization - Invest in farm productivity and improving yield production. - Cope with climate change, soil erosion
2.	Idea / Solution description	An application and device is introduced to know about various data about their land remotely, where they can schedule some events for a month or a day. It also provides suggestions to users based on the crop they planted.
3.	Novelty / Uniqueness	Providing suggestions, Planning events
4.	Social Impact / Customer Satisfaction	Farmers can track and control their land, suggestions of next plant crops and improving yield gives satisfaction.
5.	Business Model (Revenue Model)	- It's a subscription model, where user have to pay for their internet. - Customer services are supported - It supports third party devices also - Reach customers via Referral, Agents, Third party applications
6.	Scalability of the Solution	Our product is scalable with our devices (extra addons) as well as third party devices also. Ability to provides various features in a application like reports generation etc.