Smart Farmer-IOT Enabled Smart Farming Application

Proposed Solution

TITLE	**Smart Farmer-IOT Enabled Smart Farming Application**
DOMAIN NAME	INTERNET OF THINGS
TEAM ID	PNT2022TMID22828
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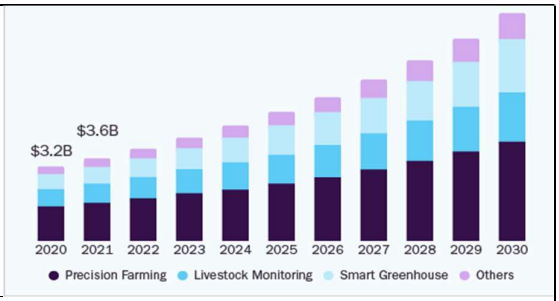
Proposed Solution Template:

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

S.No.	Parameter	Description
1.	Problem Statement (Problem to besolved)	Most of the farmers use large portions of farming land and it becomes very difficult to reach and track each corner of large lands. Sometime there is a possibility of uneven water sprinkles. Challenges faced by IOT in agriculture are high adoption, security concerns, information lackness.
2.	Idea / Solution description	Smart Farming has enabled farmers to reduce waste and enhance productivity with the help of sensors (light, humidity, temperature, soil moisture etc..) Further with the help of these sensors, farmers can monitor the field conditions from anywhere.
3.	Novelty / Uniqueness	IOT smart agriculture products are designed to help monitor crop fields using sensors and by automating irrigation systems.
4.	Social Impact / Customer Satisfaction	Large landowners and small farmers must understand the potential of IoT market for agriculture by installing smart technologies to increase competitiveness and sustainability in their productions.

5.	Business Model (Revenue Model)	
6.	Scalability of the Solution	The design scale of solution has been plannedin a compact manner.Scalability in smart farming refers to the adaptability of a system to increase the capacity , the number of technology devices such as sensors and actuators.