Project Design Phase-I
Proposed Solution Template

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Project Title	Smart Farmer – IOT Enabled Smart Farming Application

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	To provide efficient decision support system using wireless sensor network which handle different activities of farm and gives useful information related to farm such as Soil moisture, Temperature and Humidity content .
2.	Idea / Solution description	Smart Agricultural System solutions provide an integrated IoT platform in agriculture that allows farmers to use different types of sensors and used to collect the information of various parameter and analyse real-time data in order to make informed decisions.
3.	Novelty / Uniqueness	IoT based SMART FARMING SYSTEM for Live Monitoring of Temperature and Soil Moisture has been proposed using Arduino and Cloud Computing . The System has high efficiency and accuracy in fetching the live data of temperature and soil moisture. The IoT based smart farming System being proposed via this report will assist farmers in increasing the agriculture yield
4.	Social Impact / Customer Satisfaction	Money spent on workers can be reduced. It saves the time of the farmers. IoT can help to improve the crop productions and reduce the wastages. IoT can help to improve customer relationships by enhancing the customer's overall experience.
5.	Scalability of the Solution	Automatic farming equipment is made feasible by integrating information such as crops/weather and equipment to automatically alter temperature, humidity, and so on. With the use of sensors, it enables farmers to reduce waste and increase output.