Project Design Phase-I

PROBLEM SOLUTION FIT

	1.CUSTOMER SEGMENT smart contracts with the integration of IoT devices in pre-harvesting and post-harvesting segments of agriculture. while IoT devices collect data from the field level, and smart contracts	**6.CUSTOMER CONSTRAINTS** purposed a proof of concept to enable lo-power, resource-constrained IoT end food retail storefronts as well as the customers can use their smart mobile phone as a portal	**5.AVALIABLE SOLUTION** Internet of things (IoT) is a promising technology which provides efficient and reliable solutions towards the modernization of several domains. IoT based solutions are being developed to automatically maintain and monitor agricultural farms with minimal human involvement.

	2.Applicability of IoT in Agriculture: Smart Farming is a hi-tech and effective system of doing agriculture and growing food in a sustainable way. It is an application of implementing connected devices and innovative technologies	**9.IoT and mechanization in agriculture: problems, solutions, and prospects** The IoT, acronym for the Internet of Things, is a coordination of interconnected digital	**7.BENEFITS** IoT and ICT in agriculture, there are several benefits from the … IoT-related threats in agriculture, which are nonetheless interwoven strongly with PA, Agriculture 4.0 and smart farming

3. TRIGGERS

Whenever the temperature goes above the threshold temperature, the database will trigger an action to the decision logic which then sends a notification to the developed

4. EMOTIONS: BEFORE / AFTER

Are opposed to new ideas and they do not want to adopt IoT in the agricultural sector we get numerous benefits, but still, there are challenges faced by IoT in agricultural sectors. The biggest challenges faced by IoT in the agricultural sector are lack of information, high adoption costs, and security concerns, etc

10. YOUR SOLUTION

The advent of technology has helped multiple sectors in attaining profitability. One such sector is agriculture. Internet of Things (IoT) implementation in this field has resulted in the term smart farming.

8.IOT TRANSFORMING THE FUTURE OF AGRICULTURE

IoT solutions are focused on helping farmers close the supply demand gap, by ensuring high yields, profitability, and protection of the environment. The approach of using IoT technology to ensure optimum application of resources to achieve high crop yields and reduce operational costs is called precision agriculture. IoT in agriculture technologies comprise specialized equipment, wireless connectivity, software and IT services.