SMART FARMING IN IOT

TEAM MEMBERS:

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PROBLEM STATEMENT:

Agriculture is the most important sector of the Indian economy that provides employment to almost half the population of the country. Traditional way of farming had less concentration on humidity, water level and climatic condition which affects a farmer dreadfully. This farming will lead a loss to farmer because of labour insufficiency, water scarcity, inefficient knowledge about pest, crop selection for their land. To overcome these issues smart farming comes into existence.

OBJECTIVES:

- The entire method from farm to table is software-managed and sensor-monitored, reducing overall prices, rising overall yield and quality of the availability, and ultimately the customer experience.

- It is true to state that agriculture is one of the oldest industries and practice for mankind.

- IoT has not only provided solutions to often time-consuming and tedious tasks but is totally changing the way we think about agriculture

LITERATURE SURVEY 1:

- **Name of the paper:** Smart farm Management

- **Name of the Author:** Matthew N.O.Sadiku, Tolulope Joshua ashaolu, Abayomi Ajayi-Majebi

- **Journal Published:** Smart Agri Publishing ltd

- **Publishing Month:** November

- **Publishing Year:** 2020

LITERATURE SURVEY 2:

- **Name of the paper**: Smart farming: towards a sustainable agri

- Name of the Author: Siti Fatimahwati pehin Dato,Khairul Hidayatullah Basir

- **Journal Published:** Emarald Publishing ltd

- **Publishing Month:** September

- **Publishing Year:** 2021

LITERATURE SURVEY 3:

- **Name of the paper**: Automation in smart farming

- **Name of the Author:** Elsayedsaid Mohamed belal,Shirbeny Mohamed zahran

- **Journal Published:** National Authority for Remote Sensing and Space Sciences (NARSS), Cairo 11843, Egypt

- **Publishing Month:** December

- **Publishing Year:** 2021

LITERATURE SURVEY 4:

- **Name of the paper:** Smart agriculture IoT with cloud computing

- **Name of the Author:** Vishwanathan Perumal,Mohammad shareef Mekala

- **Journal Published:** International conference on Microelectronic Devices, Circuits and Systems (ICMDCS)

- **Publishing Month:** August

- **Publishing Year:** 2017