

THE IOT BASED SMART WATER MANAGEMENT

OBJECTIVE:

To stop Wastage of water due to overflow and leakage from the Water reservoirs and analysing the quality of water in the reservoir.

We can examine the quality of the water, before hand it is supplied to the society flats, to avoid water borne diseases if the quality of the water is bad.

IMPLEMENTATON:

This System can be implemented in the Societies, Industries, Hospitals and Schools in the cities.

RESULT:

This system is totally based on the real time data analysis, which includes the IOT, concept for the real time water management. Such systems require electronics components to be implemented and store the data at a cloud server.

FUTURE PLAN:

As the technology will be much more advanced in upcoming years, we will try to modify our system to make it more better and efficient and introduce Artificial Intelligence in it. We want to implement this system in every big city to prevent wastage of water and a step towards Sustainable Development.

CHALLENGES WE RAN INTO:

The Challenges we faced were during the Python programming of the Virtual Assistant, some python libraries were not available and due to which we got trace back errors.

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