

Smart Water Management system

Introduction:

Smart water management is the activity of planning , developing, distributing and managing the use of water resources using an array of IOT technology .Which are designed to increase transparency and make more reasonable.

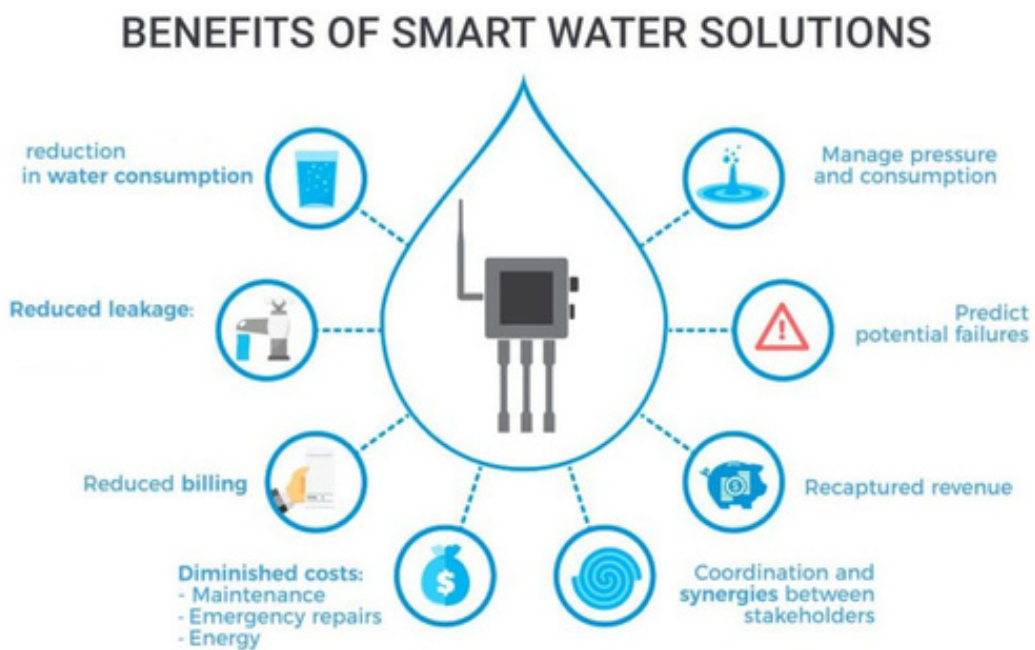
Hardware Components:

1. Ultrasonic sensor
2. pH sensor
3. Digital thermometer sensor
4. Turbidity sensor
5. RF module.

Software components:

1. Git application
2. Visual studio code
3. Programming language (python)

Design for smart water fountain:



Conclusion:

Traditional methods of conservation have been implemented to conserve water but smart device that are leveraging IOT technology is the answer to taking water conservation to a new level. IOT technology will enable smart water meters, sensors and irrigation system to be deployed in homes and businesses with ease.

Project submitted by,

- **Name: B.Seethalakshmi**
- **Email id: seethalakshmi0610@gmail.com**
- **Nan mudhalvan I'd: au713921106049**
- **College code:7139**