Project Title :Smart Water System

PHASE 1:Project Definition And Design Thinking

Project Definition:

The project involves implementing IoT sensors to monitor water consumption in public places such as parks and gardens.The objective is to promote water conservation by making real-time water consumption data publicly available.

This project includes defining objectives,designing the IoT sensor system,developing the data-sharing platform,and integrating them using IoT technology and Python.

Designing Thinking:

1.Project Objectives: Define objectives such as real-time water consumption monitoring, public awareness, water conservation, and sustainable resource management.

2.IoT Sensor Design: Plan the design and deployment of IoT sensors to monitor water consumption in public places.

3.Real-Time Transit Information Platform: Design a mobile app interface that displays real-time parking availability to users.

4.Integration Approach: Determine how IoT sensors will send data to the data-sharing platform

Objectives of smart water management:

* Reducing waste water
* Improving water quality

* Enhance the efficiency of water system
* Implement lekage control