Project Definition: This project aims to make a Smart Water Management System for society with the help of the Internet of Things. It will illustrate, how we have made water management systems smart with various sensors, microcontrollers, and other technologies of IoT.Design Thinking:Project Objectives: This project aims to make a Smart Water Management System for society with the help of the Internet of Things.IoT Sensor Design: The following sensors are used:Ultra-sonic sensorFlow-meter sensorPH-sensorTurbidity sensorTemperature sensorReal-Time Transit Information Platform: Demand Management-Use real-time data to optimize water distribution, reducing waste and energy consumption. Integration Approach: In a Smart Water Management System, integrating IoT sensors and enabling them to send data to a data-sharing platform is a crucial aspect for effective monitoring and management of water consumption. Here's an integration approach to achieve this:Dashboard and Notifications