

Smart Water Fountains: Innovating the Way We Stay Hydrated

Discover how smart water fountains can enhance our daily lives through advanced IoT technology, real-time transit information, and seamless integration.



Project Objectives

Efficiency

Optimize water consumption and reduce waste through smart monitoring and data analysis.

User Experience

Create a seamless and intuitive interface for users to easily access clean drinking water.

Sustainability

Promote eco-friendly practices by encouraging the use of reusable bottles and reducing single-use plastic waste.

Convenience

Enable users to locate nearby smart water fountains and check availability in real-time.

IoT Sensor Design



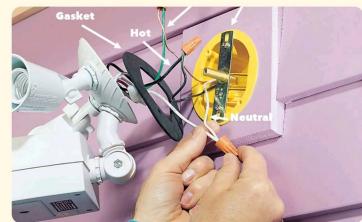
Smart Sensors

Advanced sensors detect water flow, quality, and real-time usage data for efficient maintenance.



Wireless Connectivity

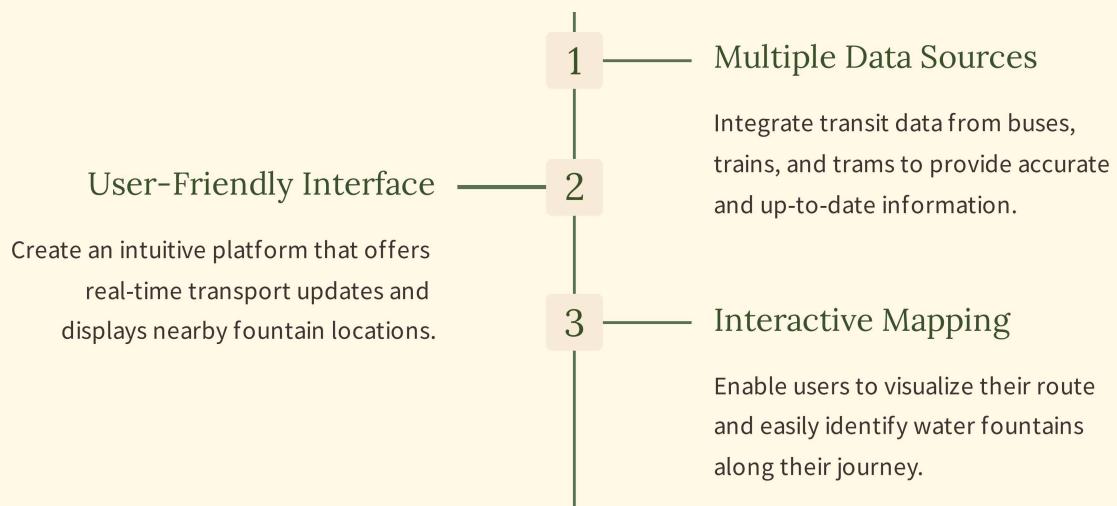
Connectivity options like Wi-Fi, Bluetooth, and NFC provide seamless user interaction and maintenance updates.



Easy Installation

Simple installation process allows for hassle-free deployment in various locations, both indoors and outdoors.

Real-time Transit Information Platform



Integration Approach



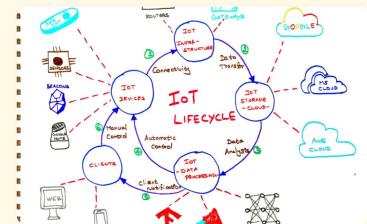
Smartphone Integration

Develop user-friendly mobile apps for easy access to real-time information and fountain location services.



Cloud Infrastructure

Utilize cloud-based solutions for seamless integration, scalability, and secure data storage.



IoT Ecosystem

Create a robust ecosystem by connecting smart water fountains with other IoT devices for enhanced functionality.