Template

Empathy map

Real-Time River Water Quality Monitoring and Control System

Build empathy

Current water quality monitoring system is a manual system with a monotonous process and is very time-consuming. This paper proposes a sensor-based water quality monitoring system. The main components of Wireless Sensor Network (WSN) include a microcontroller for processing the system, communication system for inter and intra node communication and several sensors. Real-time data access can be done by using remote monitoring and Internet of Things (IoT) technology.

Says

What have we heard them say?
What can we magine them saying?

Acquires signals from sensors converts to digital and processes the data

The system can monitor water quality automatically, triggers alarms immediately to prevent any health hazards

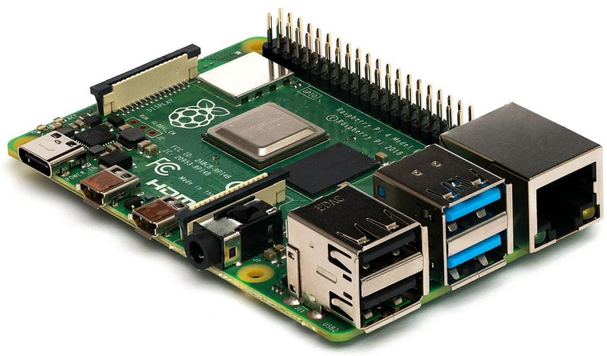
Thinks

What are their wants, needs, hopes, and dreams? What other thoughts might influence their behavior?

Can greatly help in maintaining correct water quuality

Ability to analyze data and respond appropriately

Can it be trusted??



Keeps the biological life safe

The sensor or whole system can fail

Analyze data

Can be of great help to the government in regulating the discharges

Does

What behavior have we observed?
What can we imagine them doing?

Feels

What are their fears, frustrations, and anxieties? What other feelings might influence their behavior?

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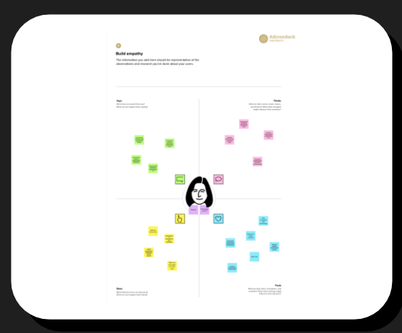

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