

Sustainable Water Management: Integrating Technology for Enhanced Monitoring and Location Tagging

HYDROENTRY

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PROBLEM STATEMENT:

Almost two thirds of the world's population — experience severe water scarcity for at least one month each year.

1. Global Water Crisis:
 - Millions lack access to clean water, violating a fundamental human right.
 - Scarcity of clean water sources and inadequate sanitation facilities exacerbate the crisis.

2. Health Risks and Development Hindrances:
 - Contaminated water sources pose health risks, leading to waterborne diseases.
 - Lack of clean water and sanitation hinders socio-economic development, especially in underserved communities.

Mainly focusing on achieving Clean Water and Sanitation objectives through multifaceted solutions.

Key Features:

1. pH Monitoring.
2. Water purity parameter Assessment.
3. Geological Location Tagging for Tanker Operations.
4. Mobile App for Monitoring.

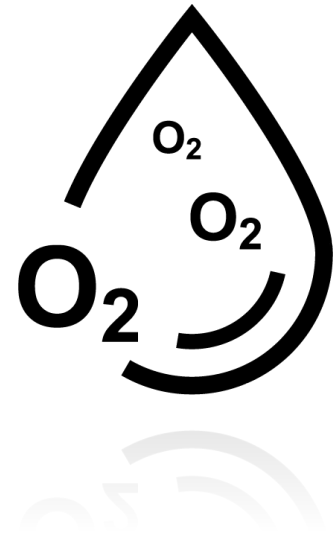
pH Monitoring:

- Utilize pH sensors and monitoring systems.
- Real-time measurement and analysis.



Oxygen Content Assessment:

- Deploy state-of-the-art oxygen sensors.
- Continuous tracking of oxygen levels.
- Early detection of potential oxygen depletion.



Location Tagging for Tanker Operations:

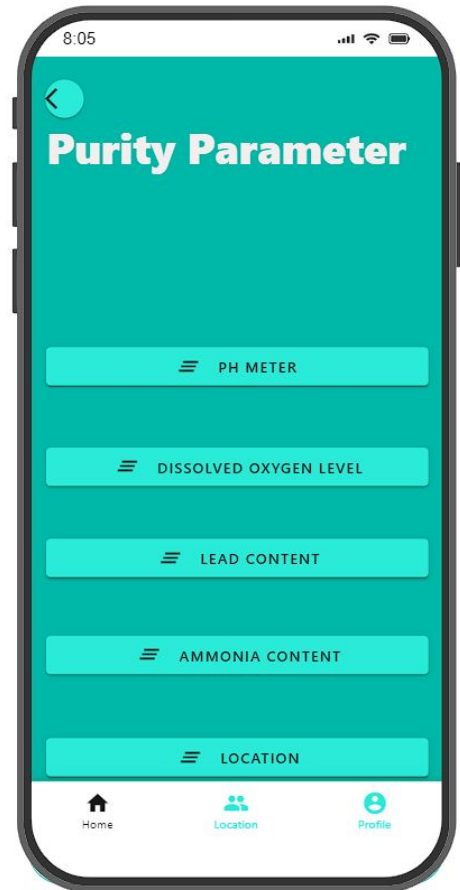
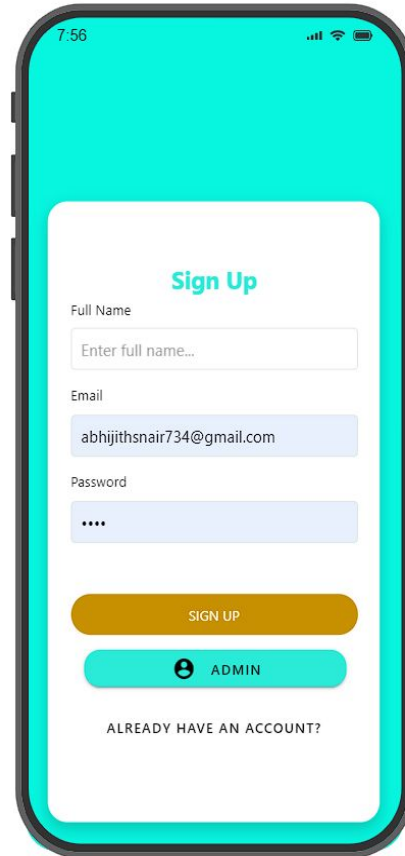
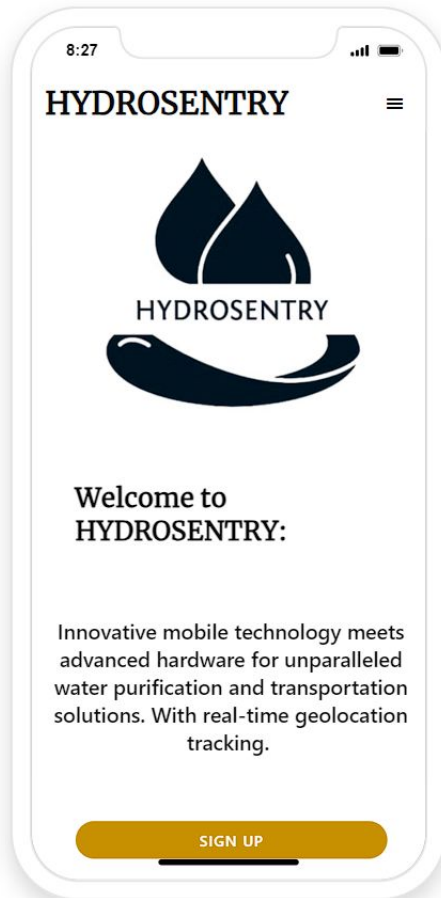
- Integrate GPS-based tagging systems.
- Track origin and destination of water tanker operations.
- Facilitate efficient logistics management and ensure transparency in water distribution processes.



Mobile App for Monitoring



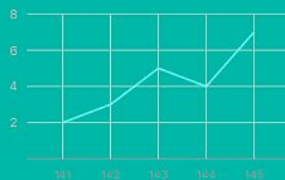
- Our mobile app complements our sustainable water management initiative .
 - by providing **real-time monitoring** of **geological locations & purity parameters**.
 - Complete **tracking of the route path** of the water supply tanker starting from water reservoir to the consumer's house



ph



pH Meter



SHARE



All



Saves



Account

DO



Dissolved Oxygen Level



SHARE



All



Saves



Account

GeoTracking



Location



SHARE



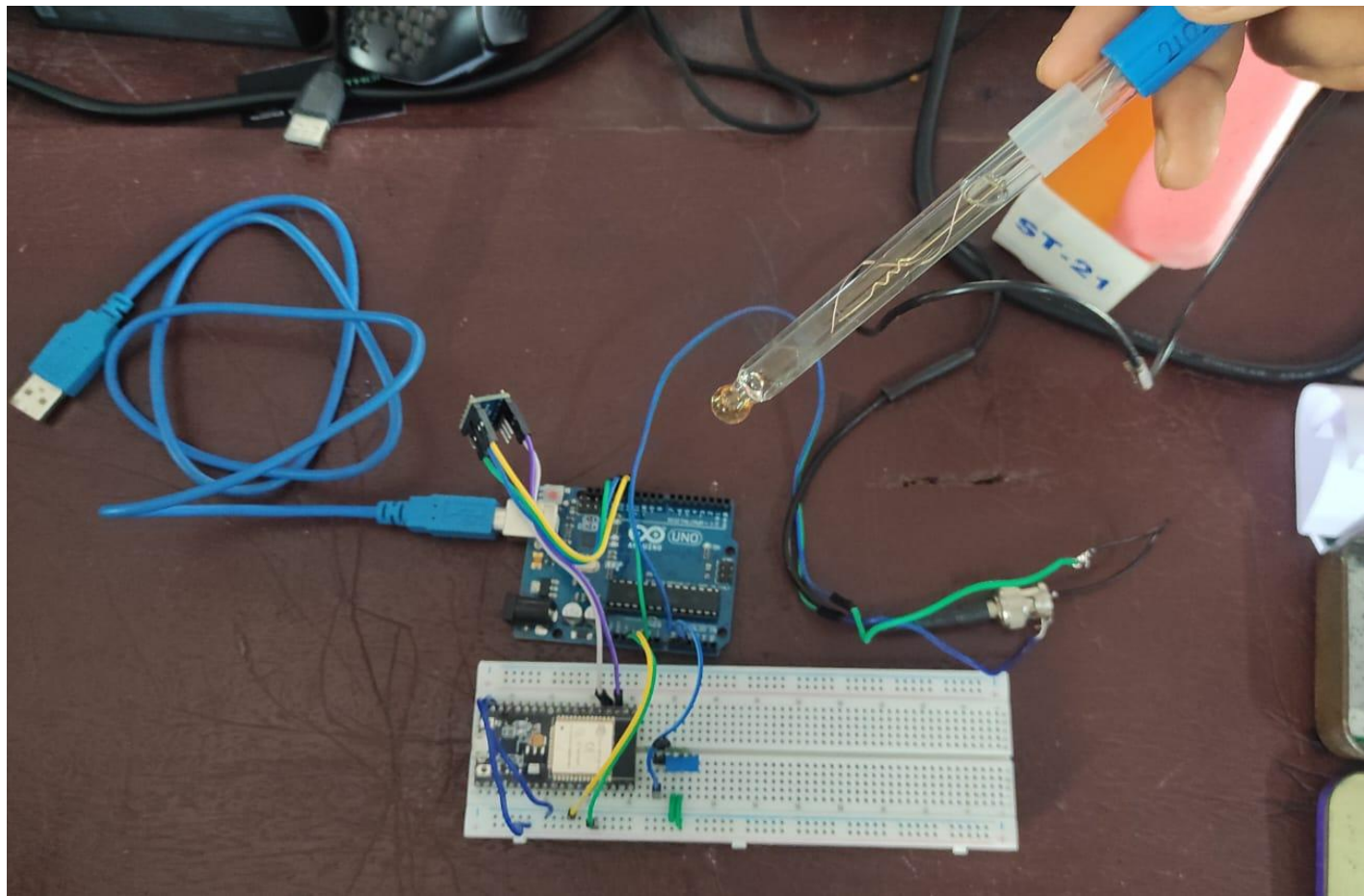
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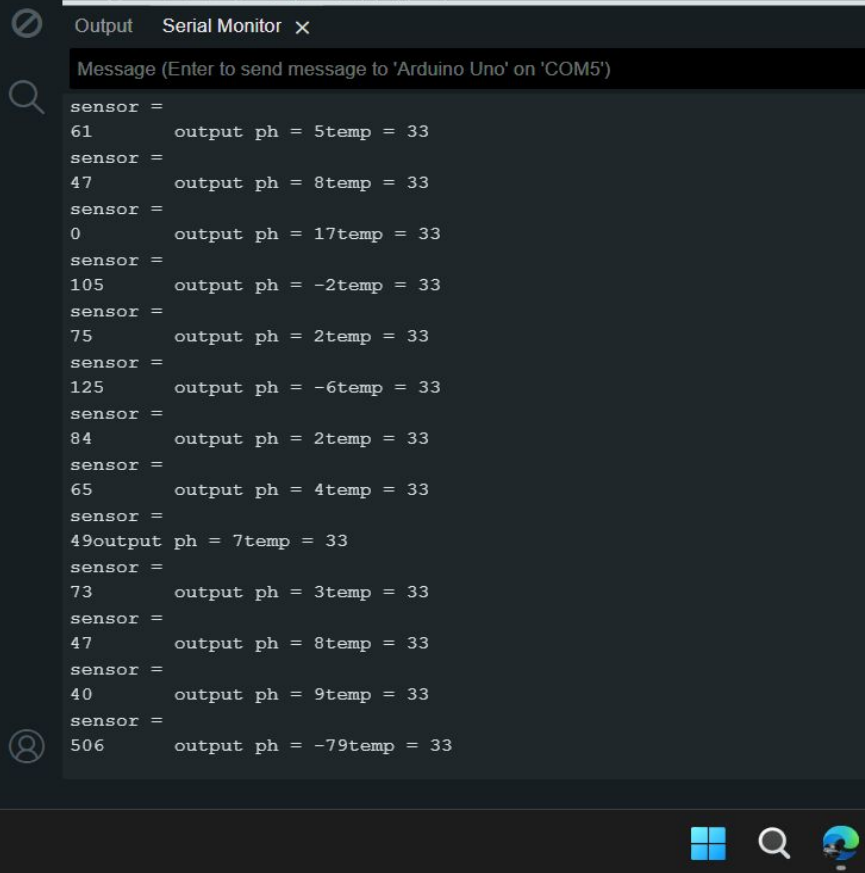


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Benefits

- Enhances understanding of geological factors impacting water sources.
- Enables proactive measures to address geological risks and ensure water safety.
- Improves efficiency in decision-making for water distribution and management.

Thank You...