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

HYDROSENTRY

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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:

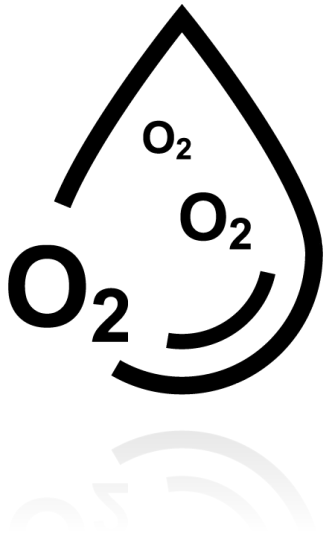
1. pH Monitoring.
2. Water purity parameter Assessment.
3. Geological Location Tagging for Tanker Operations.
4. Mobile App for Monitoring.

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.

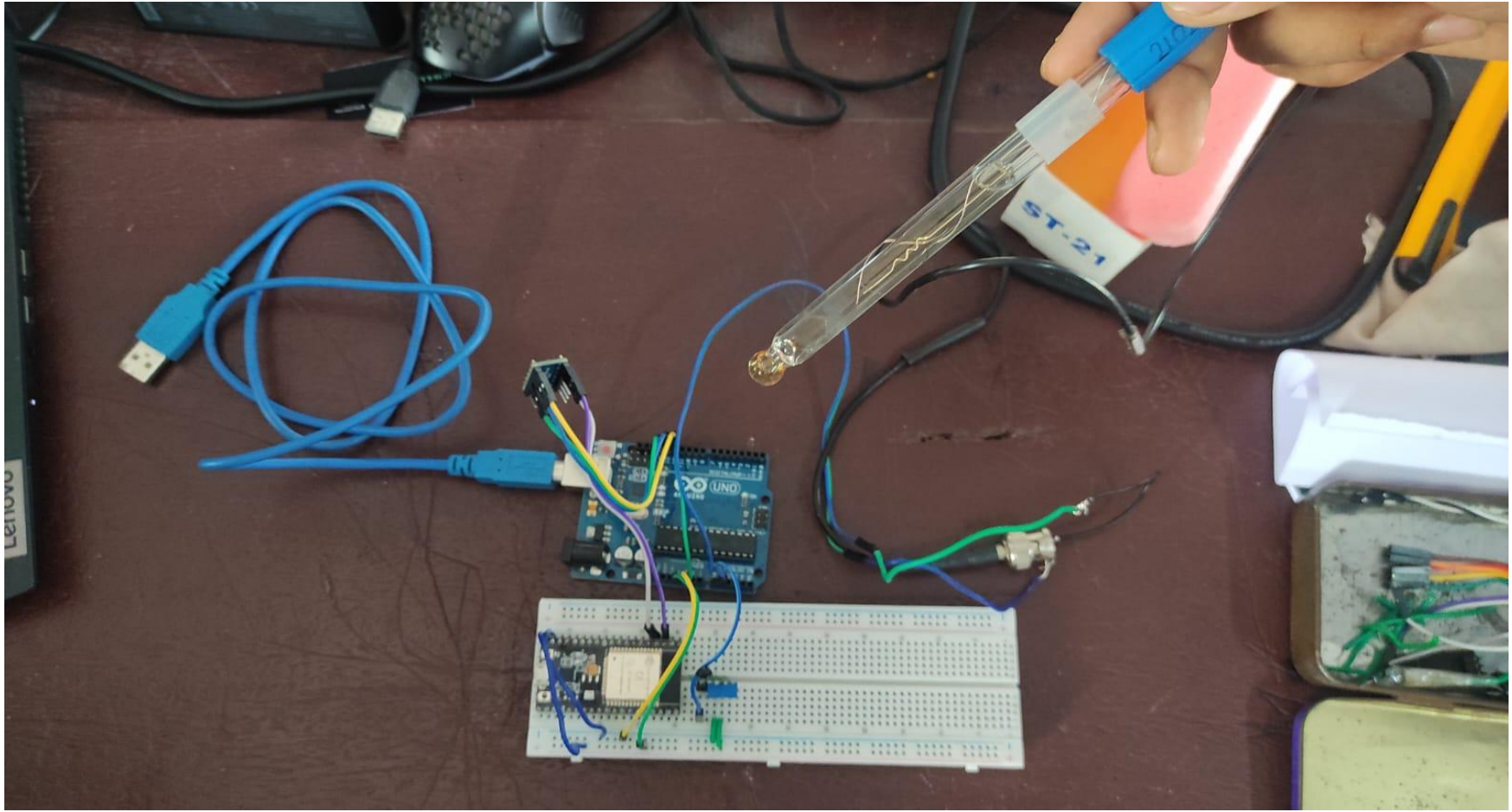
- Track origin and destination of water tanker operations.

- 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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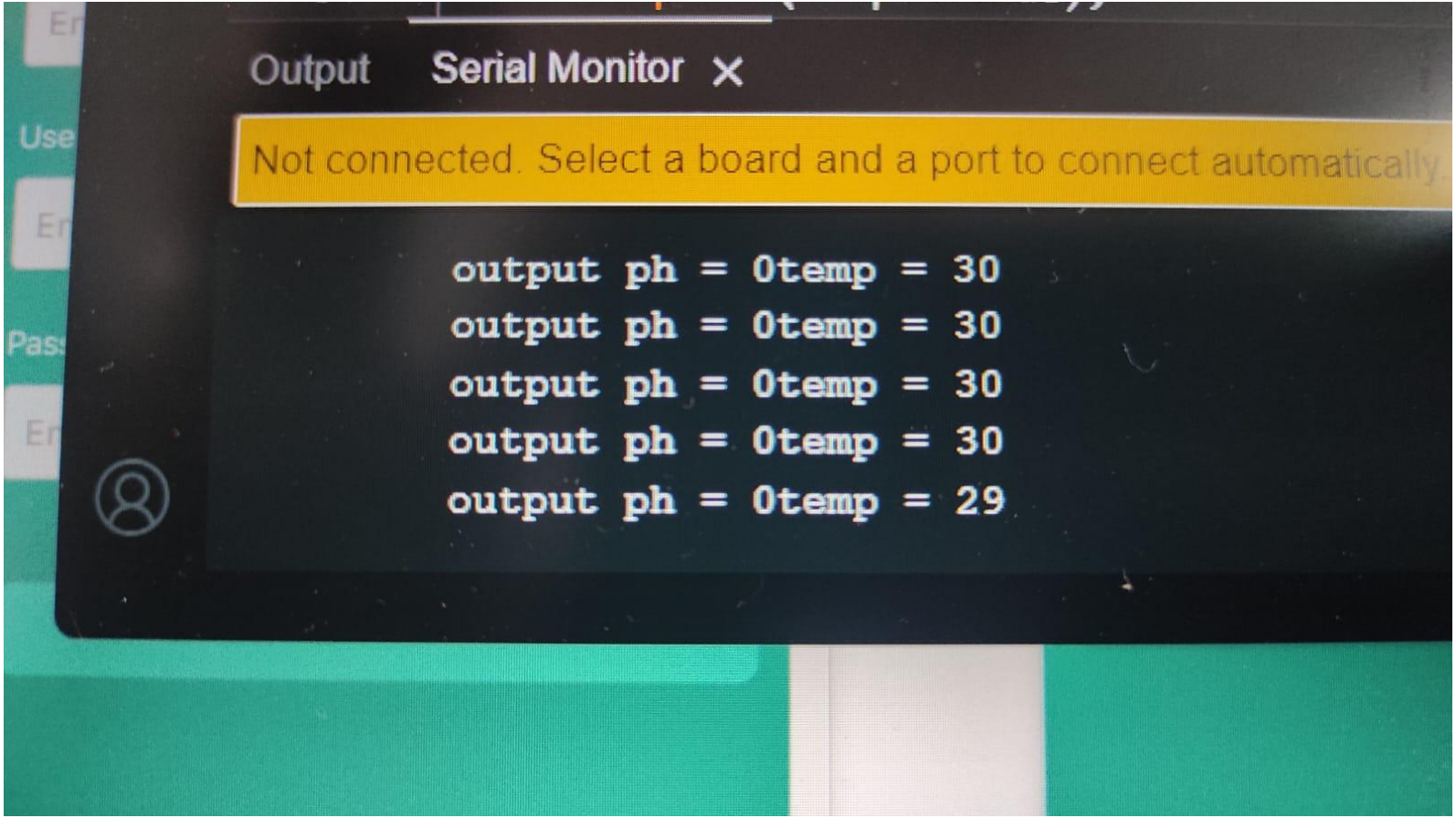
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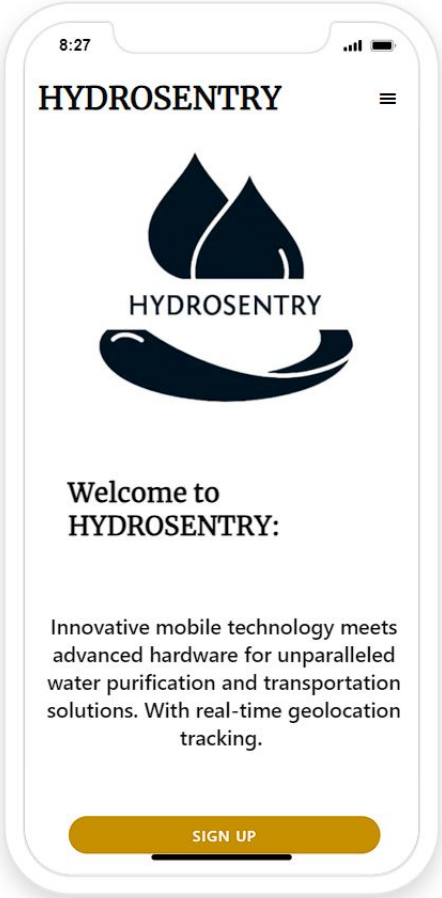
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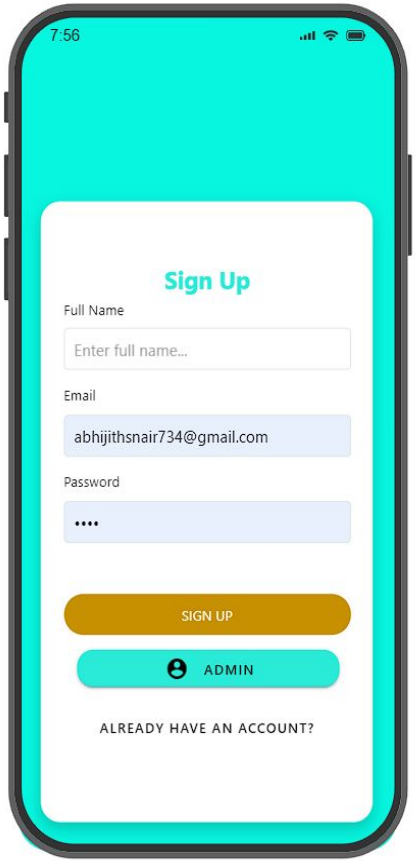
HYDROSENTRY
HYDROSENTRY
Welcome to HYDROSENTRY:
Innovative mobile technology meets advanced hardware for unparalleled water purification and transportation solutions. With real-time geolocation tracking.
SIGN UP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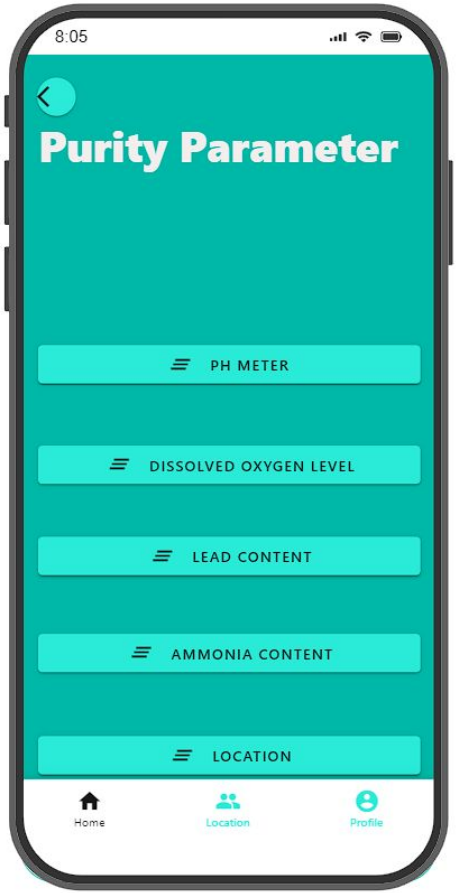
Sign Up
Full Name
Enter full name...
Email
abhijithsnair734@gmail.com
Password
SIGN UP
ADMIN
ALREADY HAVE AN ACCOUNT?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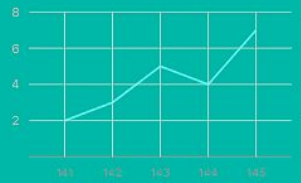
Purity Parameter
PH METER
DISSOLVED OXYGEN LEVEL
LEAD CONTENT
AMMONIA CONTENT
LOCATION
Home
Location
Profile

ph

DO

GeoTracking

pH Meter



SHARE

All Saves Account

Dissolved Oxygen Level

SHARE

All Saves Account

Location

SHARE

All Saves Account

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…