

# WaterNow

## Team Members:

- **Deepjyoti Paul** – Full stack developer
- **Rohan Vishnoi** – Full stack developer
- **Siva Prasad** – AI Engineer
- **Srikanth** – Business Analyst

## Challenge Statement:

Many housing societies face water shortages, leading to unequal access and inefficient resource utilization. Water scarcity affects daily life, hygiene, and overall well-being.

WaterNow is a comprehensive water management system specifically designed for housing societies. Society administrators utilize this application to monitor water levels within each society and forecast water demand. By facilitating water sharing between societies, WaterNow ensures efficient allocation—transferring water from surplus societies to those facing scarcity. This innovative system aims to optimize water usage, address water scarcity issues, and promote sustainable water management practices in residential areas.



## Content

1. Understanding WaterNow
2. Data Insights and Business Model
3. Future Roadmap and Investment Opportunities



## Addressing Water Scarcity

01

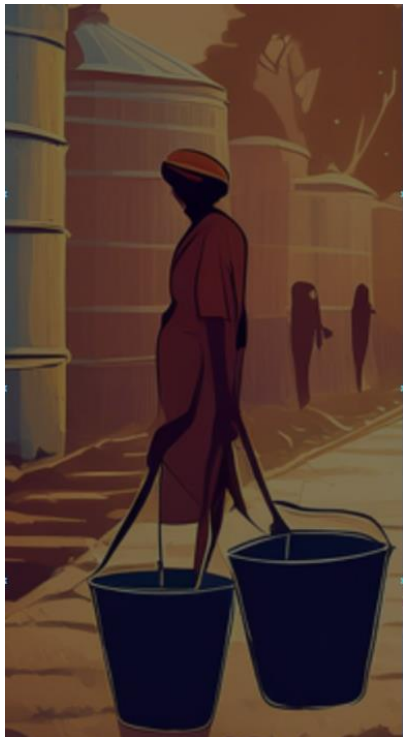
### Comprehensive Solution

WaterNow offers real-time monitoring of water levels, usage insights, and demand forecasting to tackle unequal access to water and inefficient resource utilization in housing societies.

02

### Empowering Communities

The project aims to empower individuals to take ownership of their water usage habits through education and awareness campaigns, creating a movement toward sustainable living.



## Key Resources and Partnerships

### IoT Infrastructure

WaterNow leverages advanced sensors and data processing for precise monitoring, supported by a dedicated development team and marketing efforts.

### Strategic Partnerships

Collaborations with local authorities, NGOs, and environmental groups are integral to scaling up implementation and advocacy for responsible water usage.

## Data-Driven Insights

01

### Real-Time Monitoring

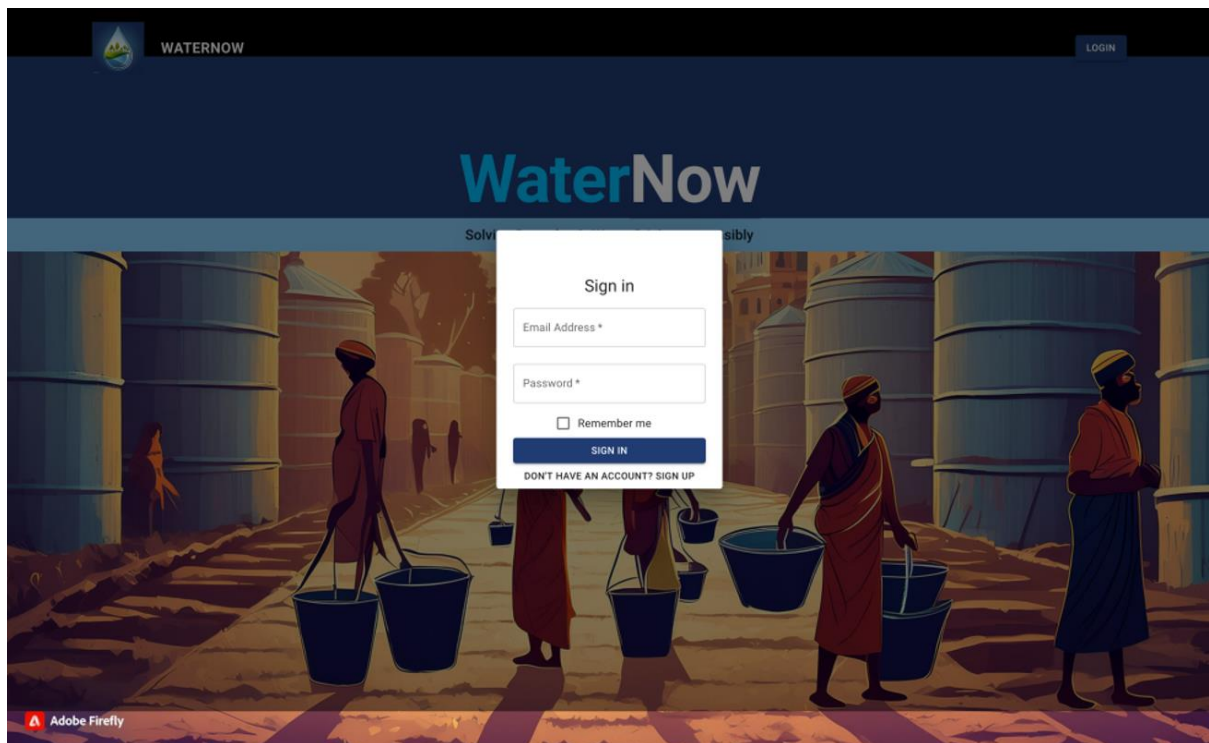
WaterNow provides accurate, real-time data on water levels and consumption patterns, empowering informed decision-making for society administrators.

02

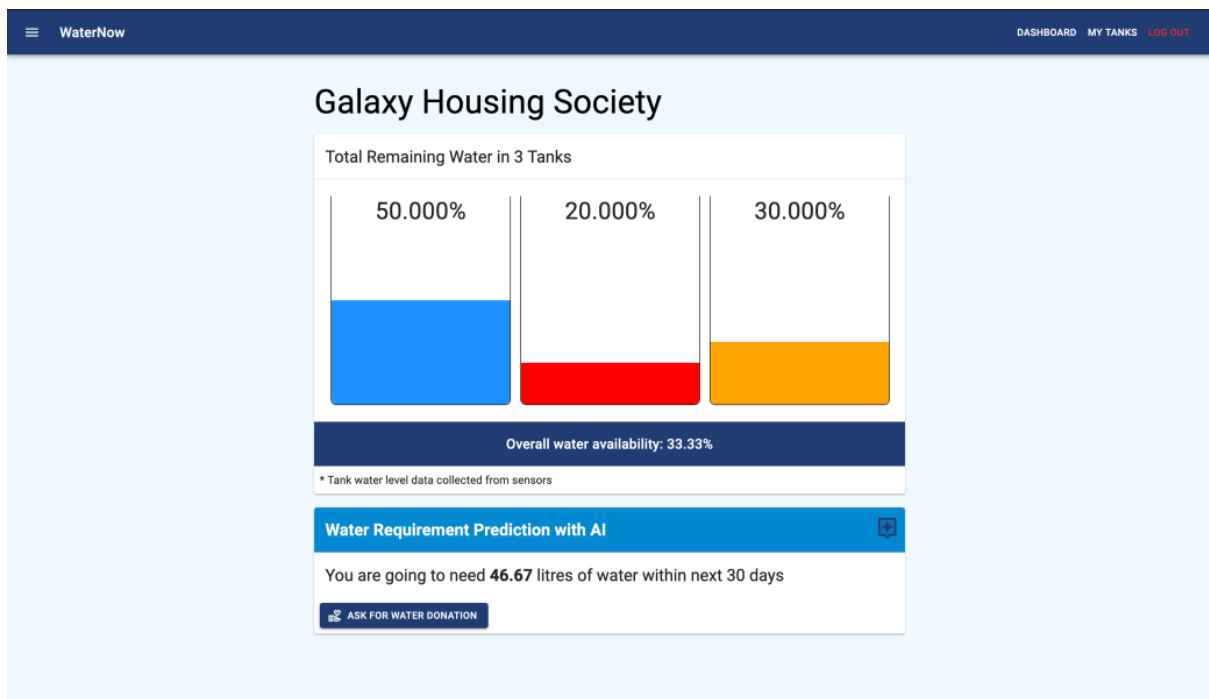
### Demand Forecasting

Predictive algorithms enable efficient resource allocation, optimizing water usage and addressing scarcity issues within housing societies.

## Login page:



## Society with deficient water level:



Water Donation request:

WaterNow

DASHBOARDMY TANKSLOG OUT

Donation Wall

2 minutes ago

Galaxy Housing Society needs 50.0 litres of water in 10 days

DONATE WATER

2 minutes ago

Galaxy Housing Society needs 42.5 litres of water in 10 days

DONATE WATER

Society with surplus water:

WaterNow

DASHBOARDMY TANKSLOG OUT

Royal Supreme Housing Society

Total Remaining Water in 6 Tanks

80.000%70.000%75.000%

68.000%83.000%92.000%

Overall water availability: 78.00%

\* Tank water level data collected from sensors

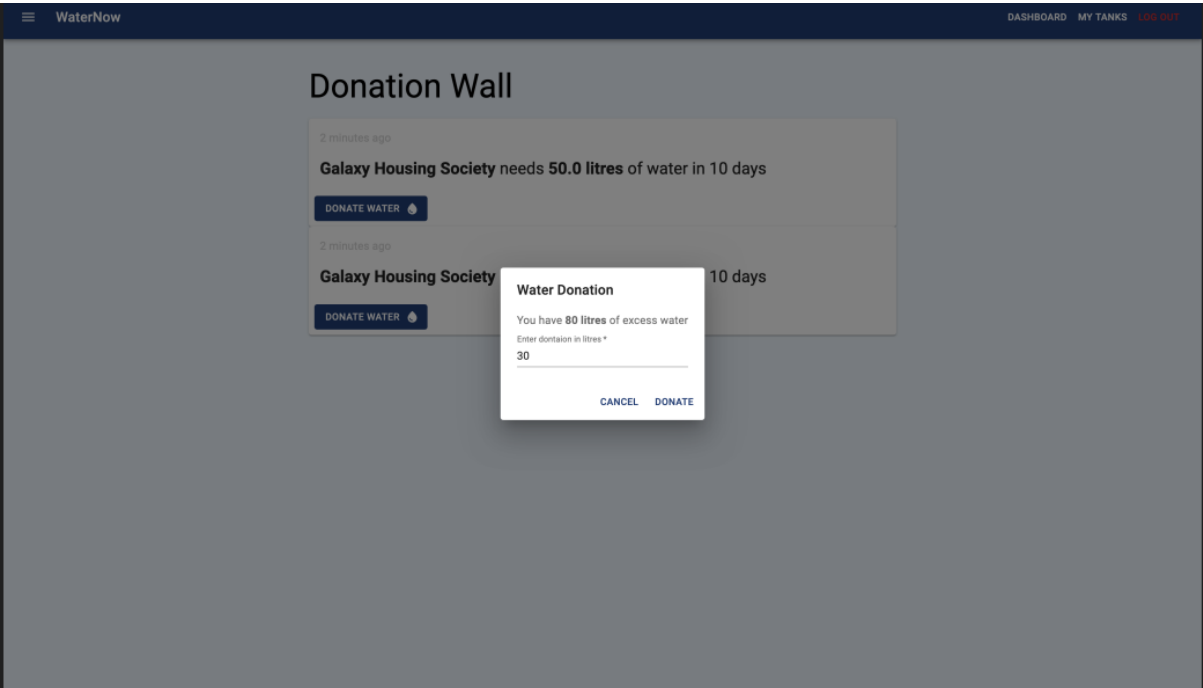
Water Requirement Prediction with AI

You are going to need 5.25 litres of water within next 30 days

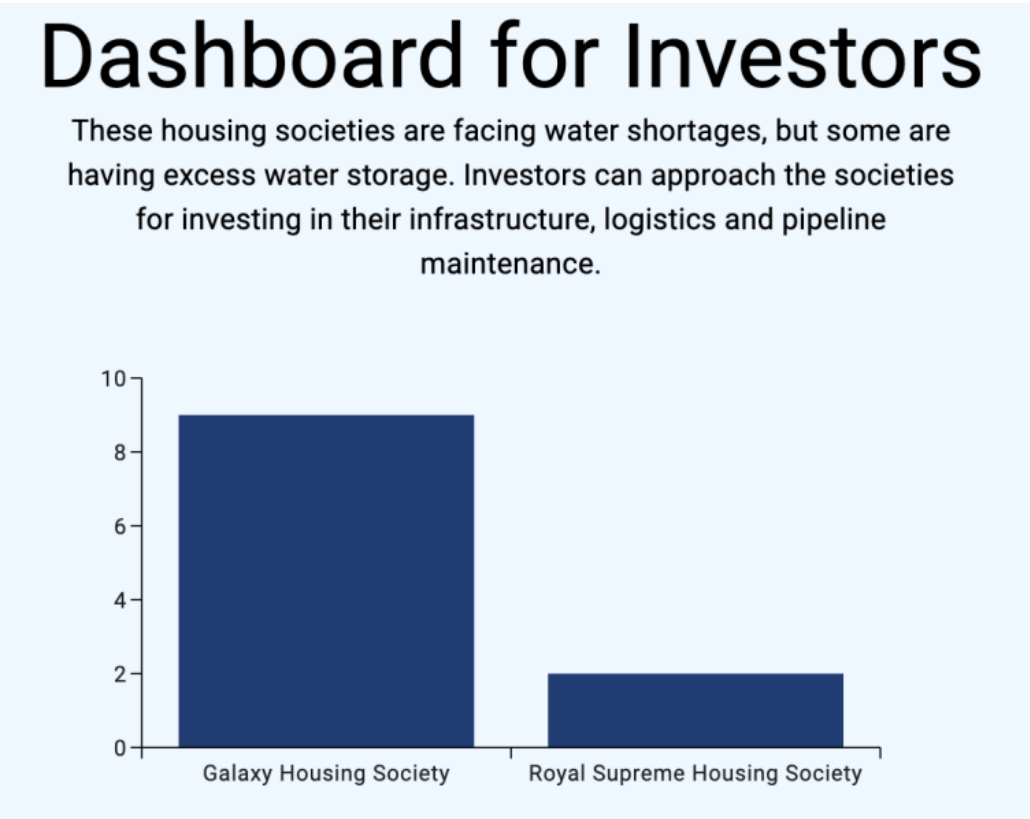
ASK FOR WATER DONATION



Water Donation:



Dashboard for Investors:



## Roadmap and Investment Opportunities:

### Enhancing Technology and Community Awareness



#### Advanced IoT Solutions

WaterNow plans to integrate cutting-edge sensors and explore machine learning algorithms to enhance demand forecasting accuracy.



#### Community Awareness

The future roadmap emphasizes expanding adoption, enhancing technology, and community awareness and education to create a sustainable future with responsible water usage.

## Timeline and Investment Potential

### Expansion Plans

WaterNow aims to extend its comprehensive water management system to more housing societies, creating a network of interconnected communities committed to responsible water usage.

### Investment Opportunities

With a clear timeline for technology enhancement and community outreach, WaterNow presents a compelling opportunity for investors to support sustainable water management initiatives.

**Demo YouTube link:** [WaterNow - Solving Bangalore's Water Crisis...responsibly \(youtube.com\)](https://www.youtube.com/watch?v=...)