AquaPoint: Smart Water Access System

Ensuring Sustainable Drinking Water Access for All

Presented by **LINCET Partners**

PAINPOINT #1

Over 40% of Ugandans lack access to clean water.

PAINPOINT #2

Waterborne diseases lead to high mortality rates in communities.

PAINPOINT #3

Infrastructure is inadequate, causing long travel times for water.

PAINPOINT #4

Innovative solutions are urgently needed to address these challenges.

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Innovative Drinking Water Vending Solution

01 Convenient Payment Options

Our system allows users to pay via **coins or mobile money**, ensuring easy access for everyone.

02 Sustainable Energy Source

Powered by solar energy, our vending machines operate **efficiently** in remote areas without reliance on the grid.

03 Real-Time Monitoring

Utilizing IoT technology, we provide **transparency and accountability** in water usage and management.

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Key Components & Technology

01 RO Purification

Our system utilizes **reverse osmosis** technology to ensure the highest quality water, removing contaminants and ensuring safety for all users.

02 Solar Power

Harnessing **solar energy** makes our water vending system sustainable, reducing reliance on fossil fuels and minimizing environmental impact.

03 IoT Vending Machines

Equipped with **IoT technology**, our vending machines offer real-time data monitoring, ensuring reliability and enhancing user experience through easy access and payments.

Chatbot: Enhancing Support and Transparency
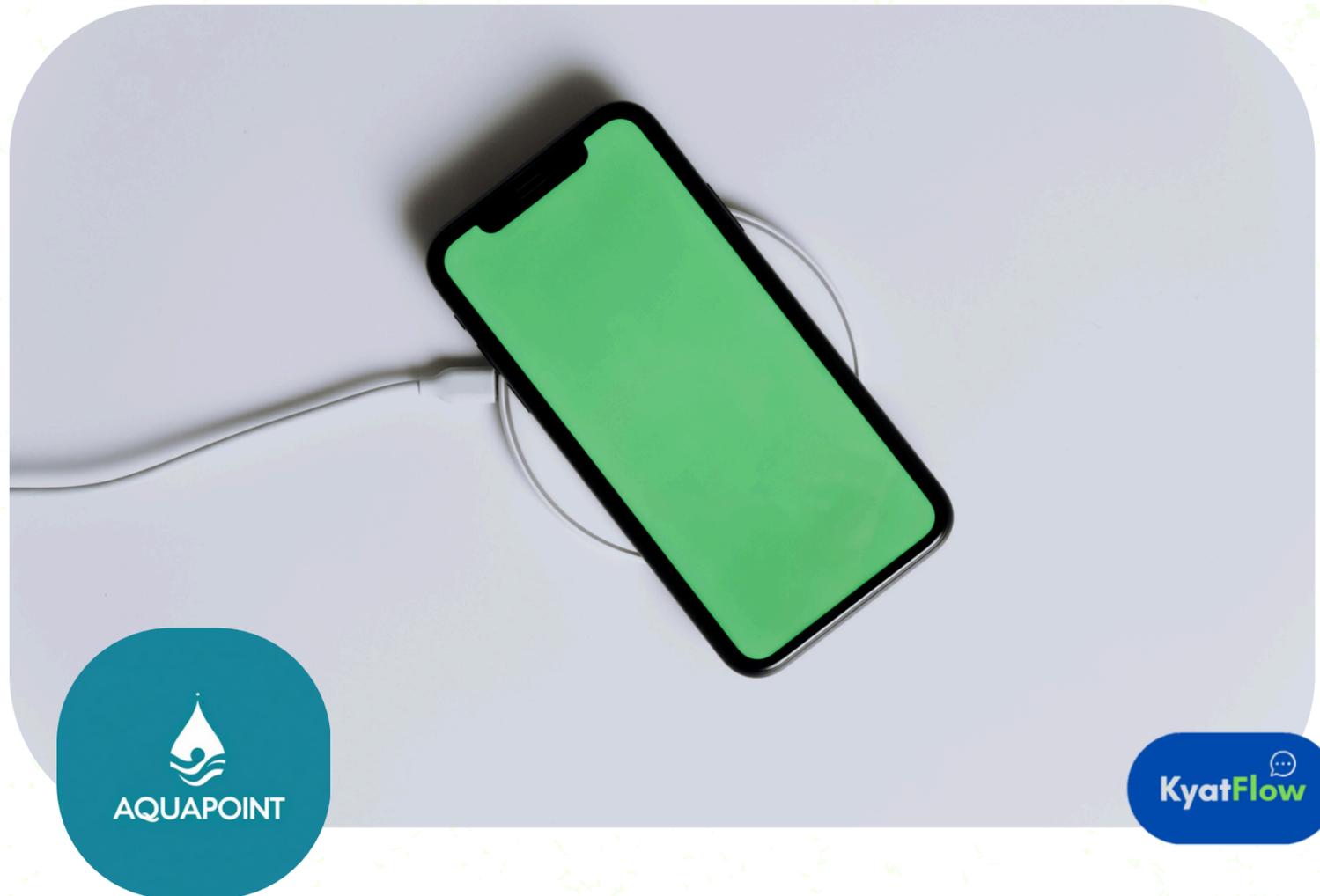
01 24/7 Customer Support

The chatbot provides **instant assistance** for users, answering questions and resolving issues related to water access.

02 Real-Time Updates

Users receive **immediate notifications** about water availability, payment confirmation, and service updates through the chatbot.

03 Community Engagement

The chatbot fosters a sense of **involvement** and feedback, allowing users to share experiences and suggestions directly.

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KyatFlow

Benefits of AquaPoint

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01 **Improved Health**

Access to clean water leads to **reduced illness** and better overall health outcomes for the community.

02 **Economic Empowerment**

The system creates job opportunities and helps families save money, promoting **economic stability** in the area.

03 **Sustainability**

Utilizing renewable energy and efficient technology ensures a **sustainable water supply** for future generations.

Future Growth and Aspirations

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01 **Scalability Across Regions**

Our system can expand to **multiple communities**, ensuring access to clean water throughout Uganda.

02 **Enhanced Technology Integration**

Continuous improvements in **IoT** and payment systems will streamline operations and user experience.

03 **Empowerment of Local Communities**

We aim to create job opportunities and enhance **local management**, fostering a sense of ownership.

Empower Ugandan Communities with AquaPoint
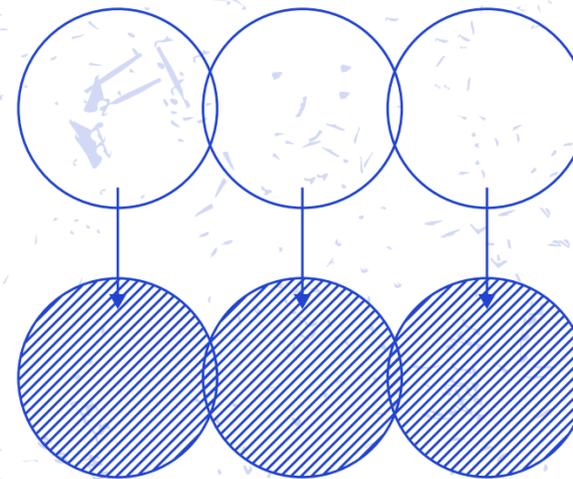
JOIN US IN TRANSFORMING WATER ACCESS TODAY!

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