

10 Smart faucet

モンゴル
コーセン

Ganjuurdalai Enkh-Uchral
Ariunbold Zorigtsaikhan
Khurelbat Khishigt (教員)

1. Introduction

Water is fundamental to our existence. Yet, as humans, we often waste it without much thought. Water is the root of all life, and preserving it starts with us—specifically, with how we manage water usage in our homes.

However, there's a challenge: our habits. Changing how we use water is difficult because our brains are not accustomed to such shifts. This is where the concept of a “smart faucet” comes into play. With water consumption at unsustainable levels, we need simple solutions to reduce usage—not eliminate it, but make it more efficient and responsible.

2. Development progress

2.1 Briefly

We've developed an app that engages users to be more conscious of their water usage. At the center is a cute water droplet character that interacts with users, offering tips and reminders to manage their water consumption more responsibly. The app is designed not only to inform but also to help users build lasting water-saving habits. By making conservation fun and interactive, the app encourages small daily changes that add up, ultimately helping to preserve water and promote sustainability in an enjoyable, user-friendly way.

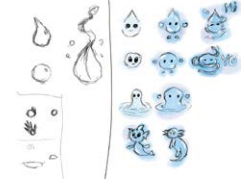
2.2 System

We are diving into learning Android Studio, Arduino Nano, React Native, and Blender for the first time. It's an exciting journey as we explore these tools, expanding our skills and pushing our boundaries to bring our ideas to life.

- Visual studio
- Android studio
- React-Native
- Arduino Nano
- Blender

2.3 About our main character

The character is a cute little droplet that shares helpful information like this:



- A breakdown of your daily water usage
- Comparing your water consumption to the average
- Smart tips for using water efficiently in your daily routine

3. Conclusion

With our application, we aim to encourage people to adopt new water-saving habits that will lead to a significant reduction in water usage. By helping individuals become more mindful of their consumption, we hope to make a positive impact on the environment and contribute to a sustainable future for our world.