

PUNGDANG

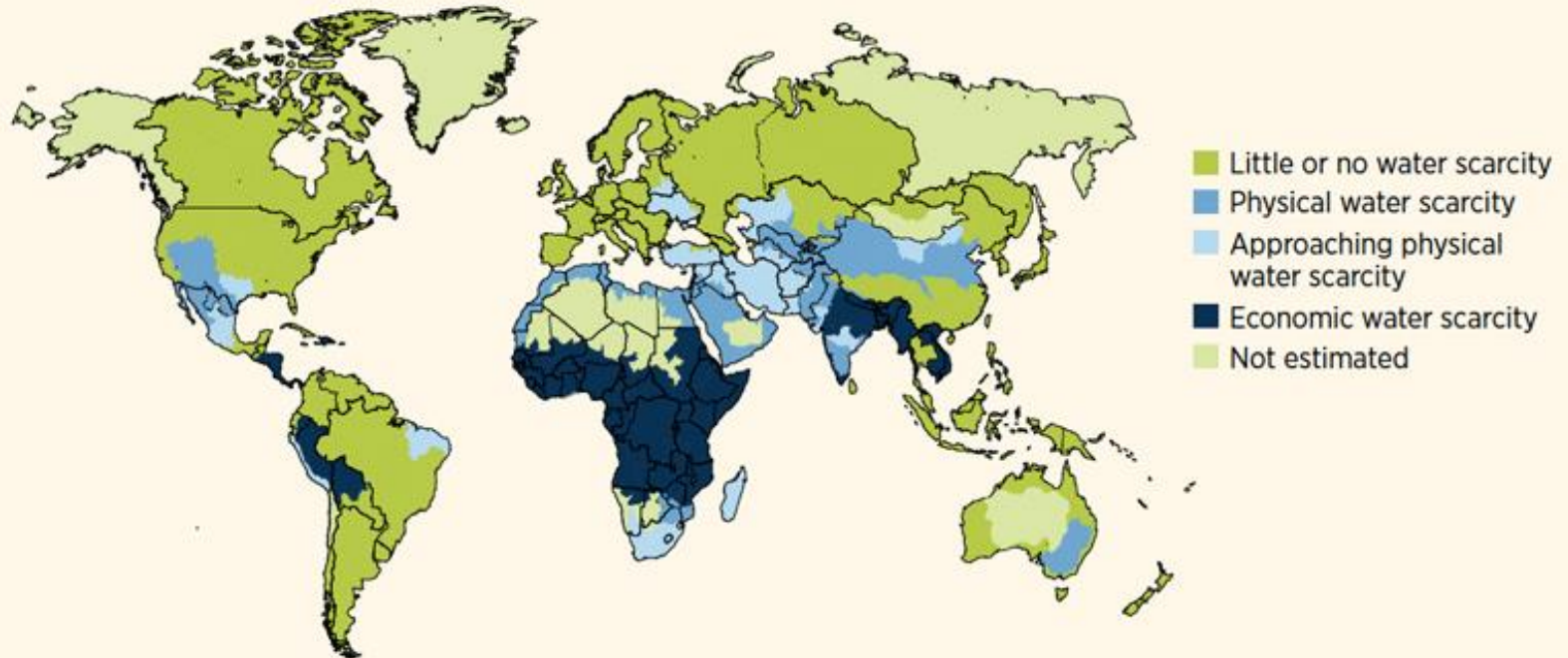


Team Yeongmi

Please read your presenter's notes!

A general outline

Global physical and economic water scarcity



A general outline

[SUPPORT](#)[ABOUT US](#)

Nebia Spa Shower

★★★★☆ 189 Reviews

The Nebia Spa Shower envelops you in warm steam and spray. With ten precision-tuned nozzles that atomize water, Nebia delivers millions of microdrops to hydrate your skin.

The complete Nebia Spa Shower includes 25" adjustable height showerhead, magnetic hand wand, full self-installation kit and cleaning caps for easy maintenance.

 [Calculate Your Savings](#)

 [Verify Compatibility](#)

 [Order An Additional Magnetic Dock](#)

Single Unit - \$399



ADD TO CART

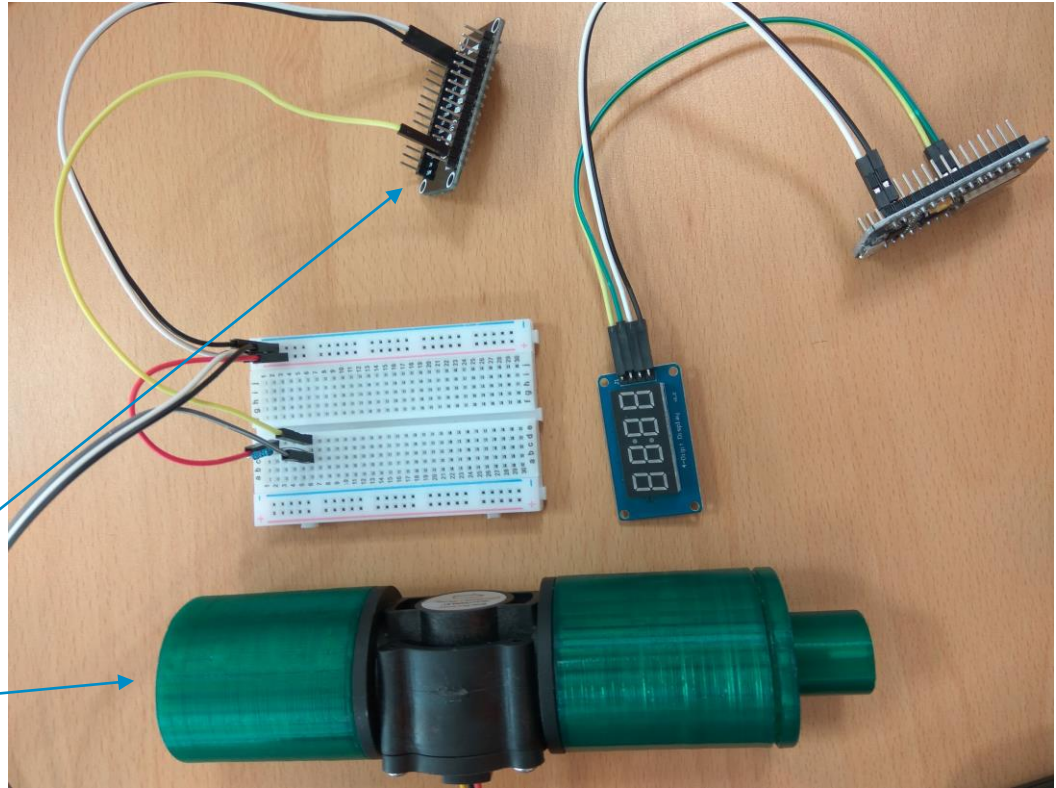


퐁 당
P U N G D A N G

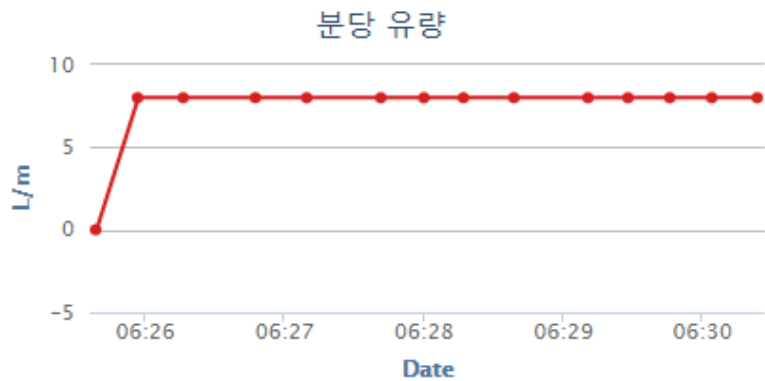
Hardware

The hardware part of the 'PUNGDANG' solution is developed as 'Nodemcu' and transmits the measured water usage to the server using a flow sensor via WIFI.

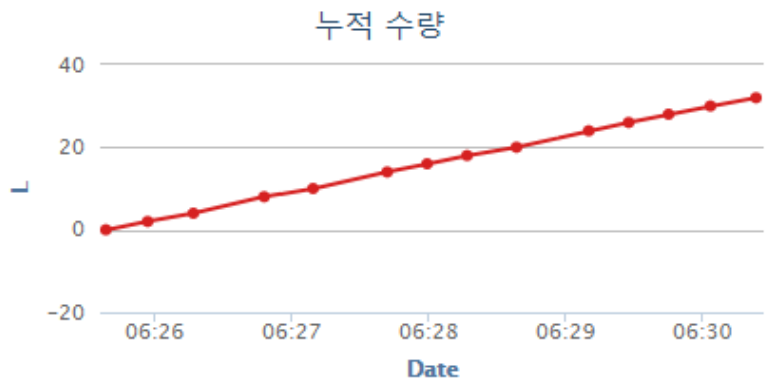
Nodemcu
Water flow sensor



필드 1 차트



필드 2 차트



It uses the open IoT server ' Thingspeak ' to store the flow rate per minute and the usage of accumulated water.

Click! -
>



12:30



풍 당

PUNG DANG



Main Screen

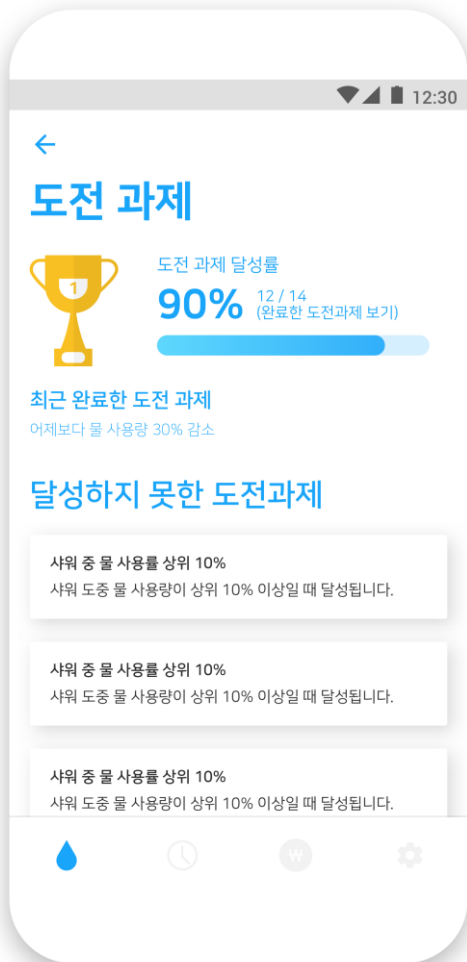
The user can intuitively see the amount of water they have used on the main screen.

It also gives you an incentive to save water through Challenge.



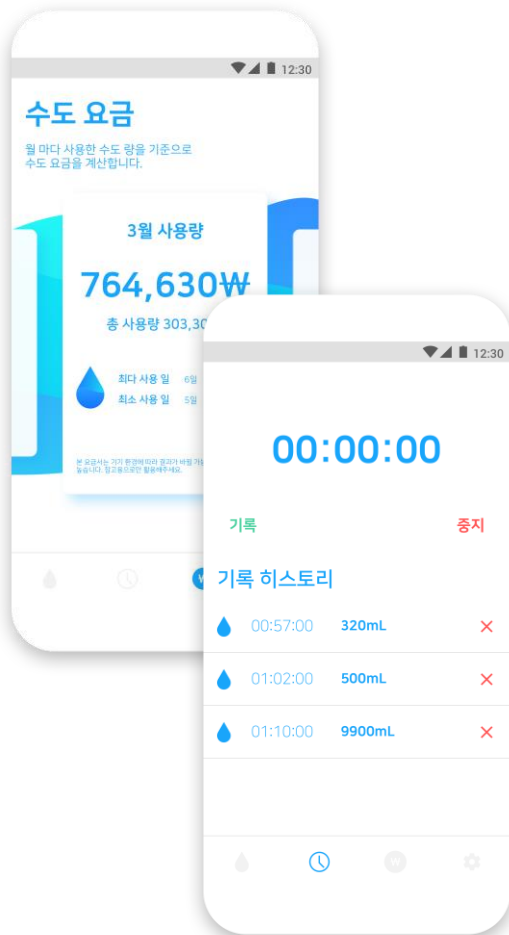
Detail Screen

More detailed information can be used to determine the amount of water used by the user and will provide feedback to save water.



Challenge Screen

The challenge is to help the user get a sense of achievement and therefore get the user motivated to save water.



Measuring for Stop watch & Water Bill Check

'Pungdang' provides a monthly water bill using the amount of water you use and can also measure the volume of water you use using a stop watch.



당신이 오늘 쓴 물, 어제의
아이가 그토록 바라던
물이었습니다.

당신의 사소한 생활습관이 수 많은 사람들의
생명을 살립니다.



이 아이에겐 마실 수 있는
물이 필요합니다.

당신의 사소한 생활습관이 수 많은 사람들의
생명을 살립니다.



구가 매말라 가고
습니다.

의 사소한 생활습관이 수 많은 사람들의
을 살립니다.

Finally, there is a pop-up advertisement to inform you of the importance of saving water and the dangers of consuming too much water when using it excessively. The content of pop-up ads is the risk of water shortages.

Finally...

The habit of saving water is to save humanity
and the Earth. Thank!