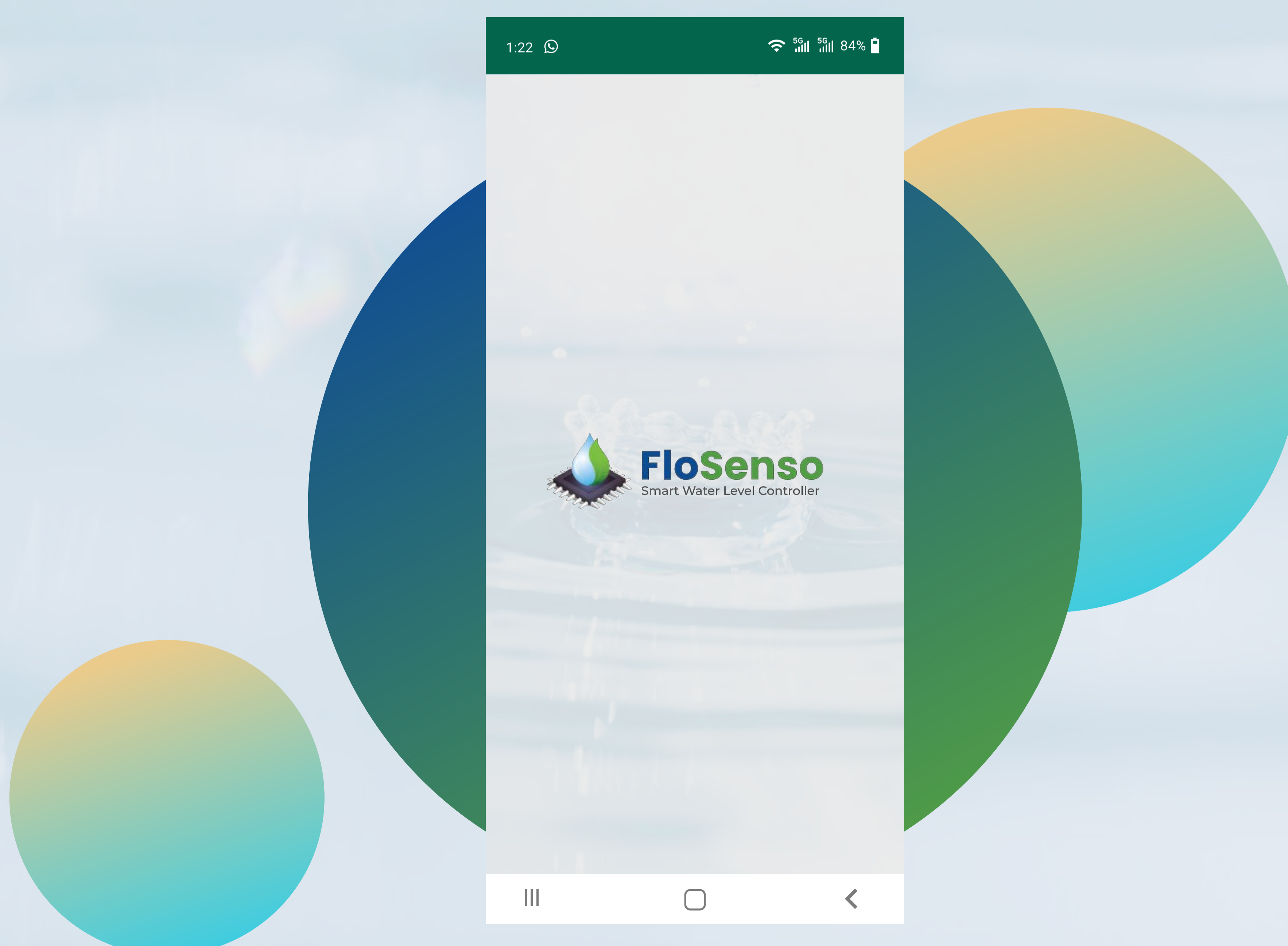


**FloSenso**  
Smart Water Level Controller

Visit us at  
[www.energy-bots.com](http://www.energy-bots.com)  
[www.flo senso.com](http://www.flo senso.com)

For support contact us at  
[support@energy-bots.com](mailto:support@energy-bots.com)

# User Guide



[www.flo senso.com](http://www.flo senso.com)

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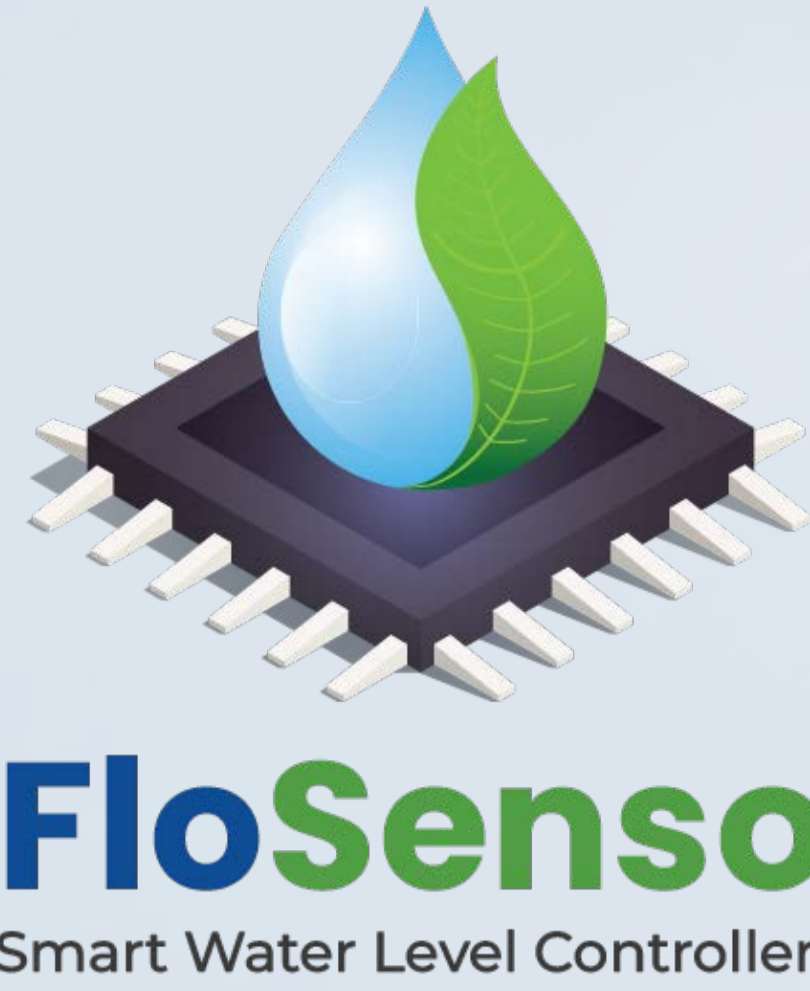
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## Prerequisites:

Before you begin, Please make sure you have followed all steps in the Installation Guide -

<https://energy-bots.com/flozenso/flozenso-installation-guide.pdf>

- ▶ Download and install the FloSenso App from Play Store or Apple App Store



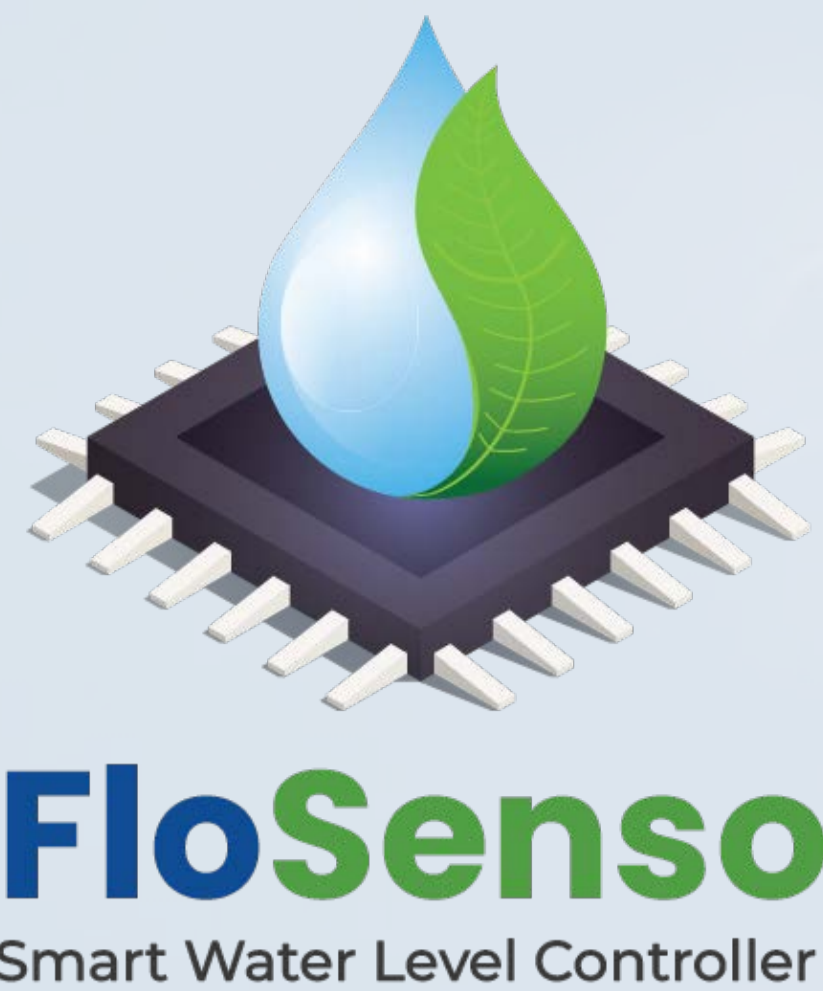
[Download for Android](#)



[Download for iOS](#)

- ▶ Please open “FloSenso App” in your phone





► If you are a new user, Create an Account to get started.

Please Enter Full Name

Please Enter Email

Please Enter Mobile No.

Please Enter Installation Address

Please Enter Password

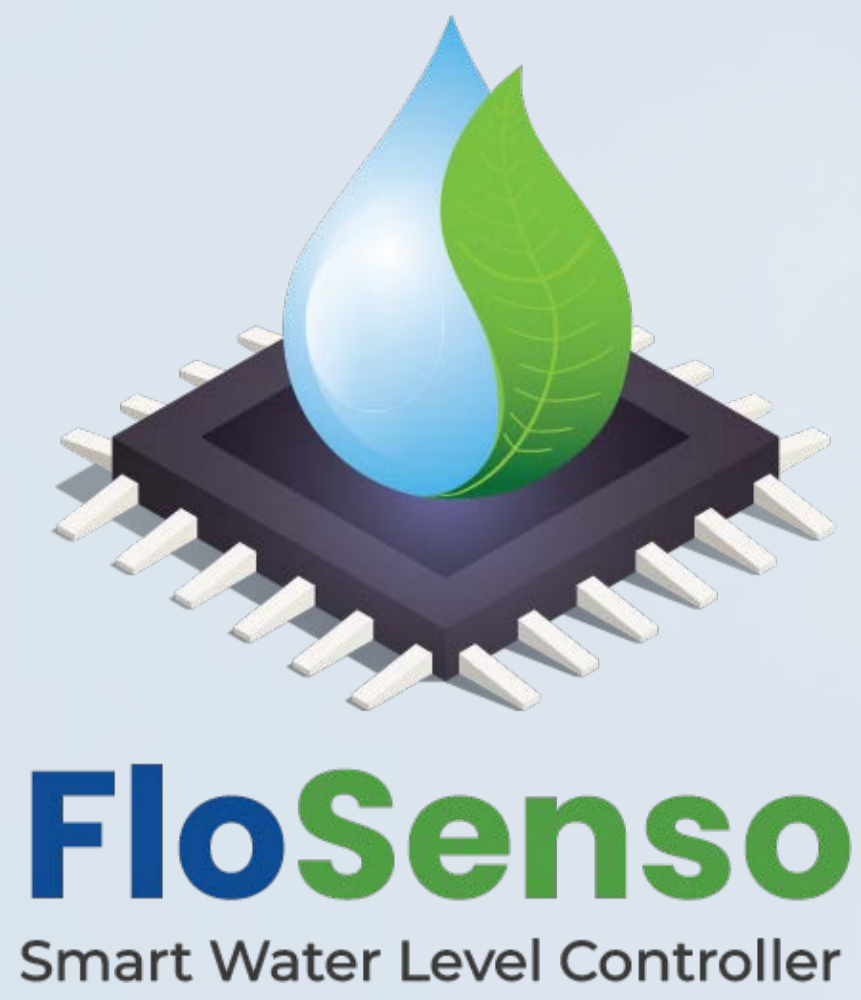
Please Enter Confirm Password

Click on Login if you already have an account.

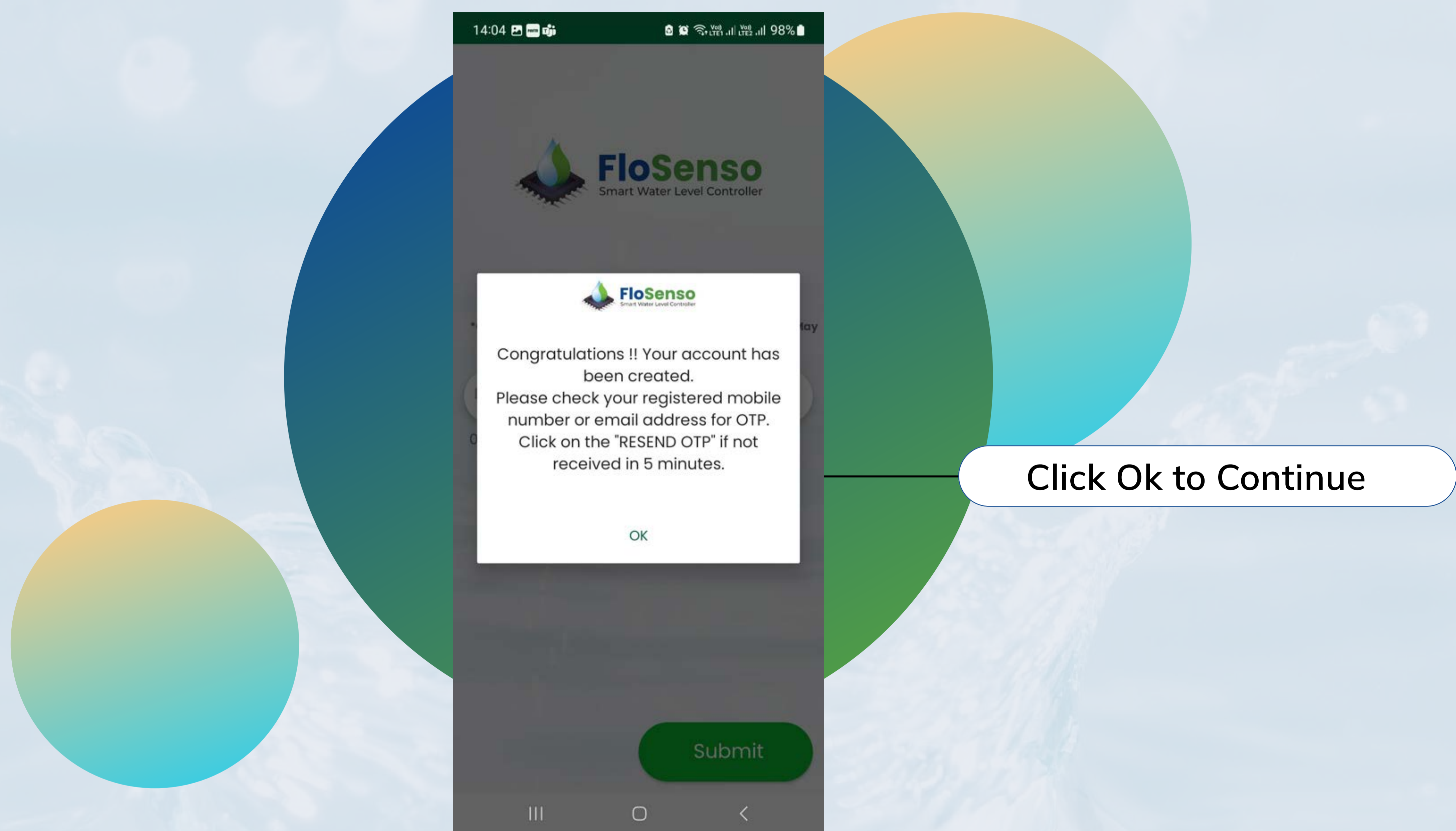
Click on Register Button to proceed

► An OTP will be sent on your registered email id and mobile number. Please check your inbox and spam folder for OTP

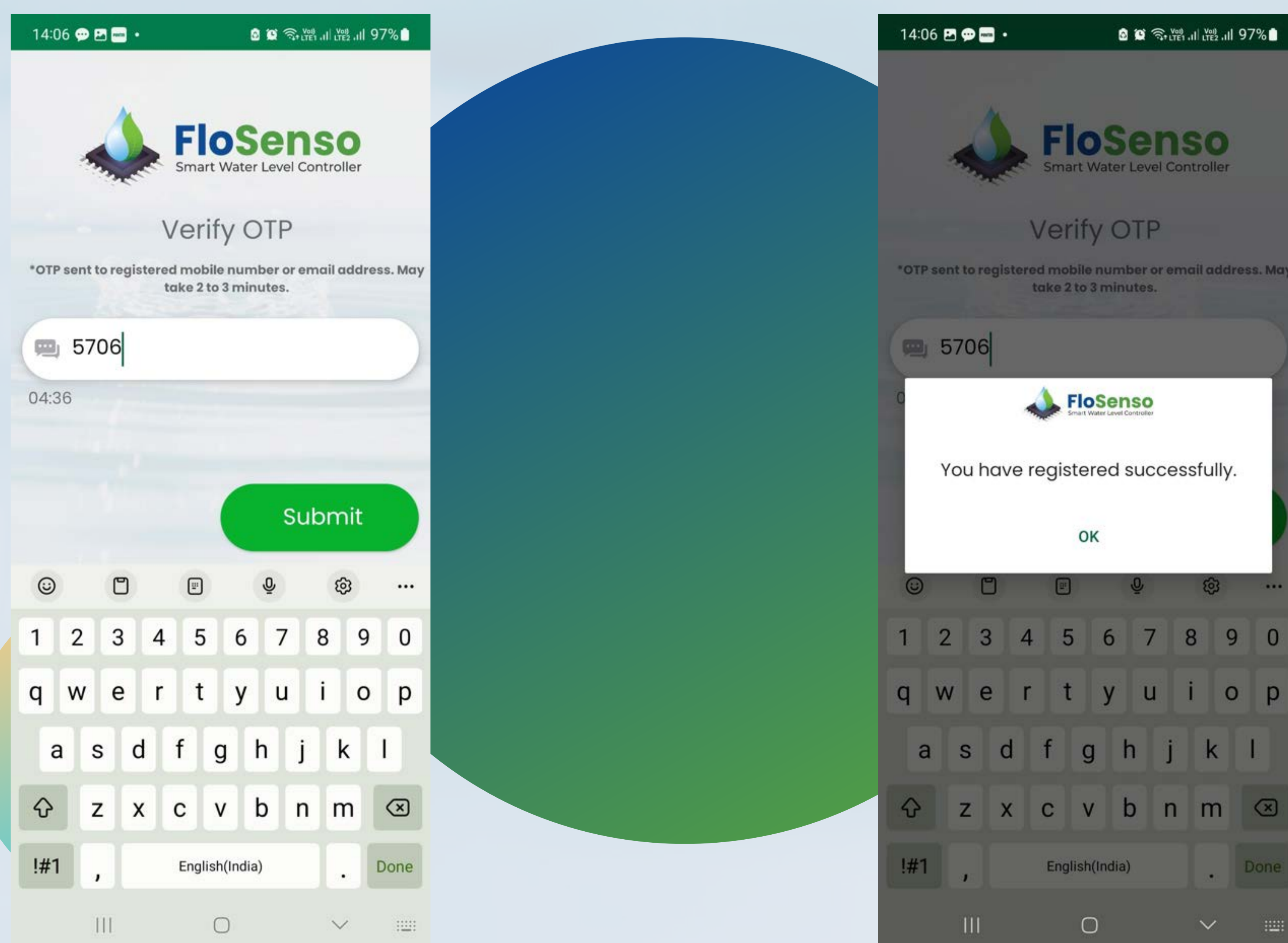
Click OK to enter OTP

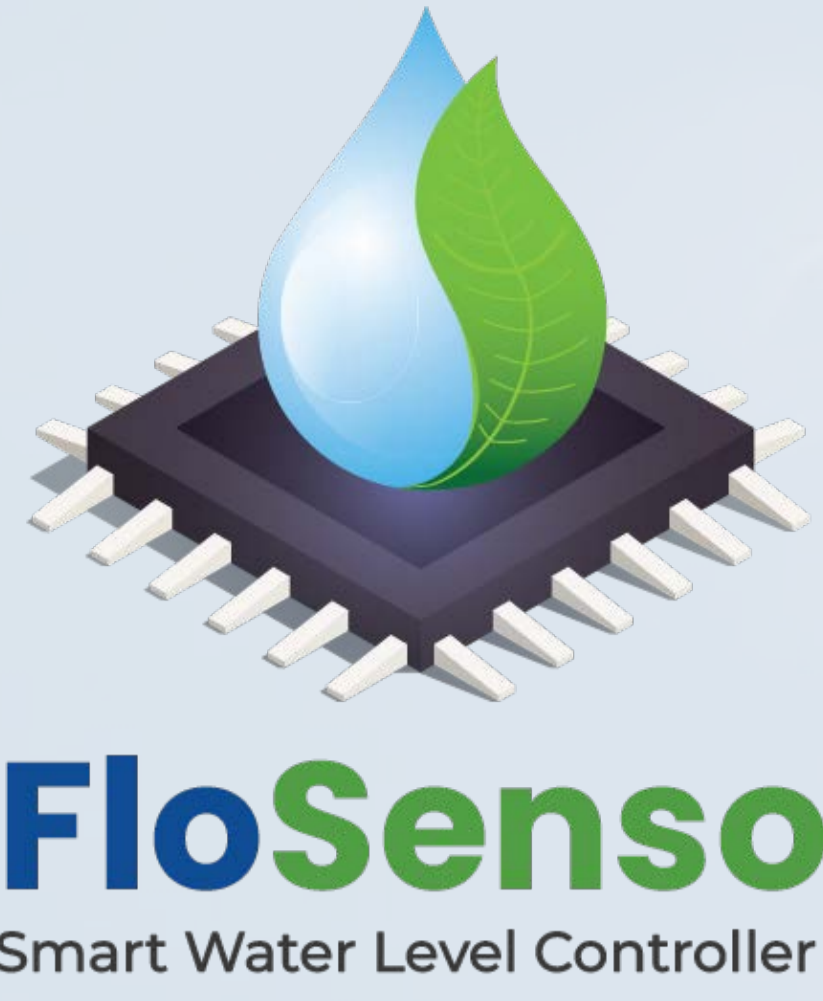


- ▶ Your account has been created, Click OK to continue to OTP verification

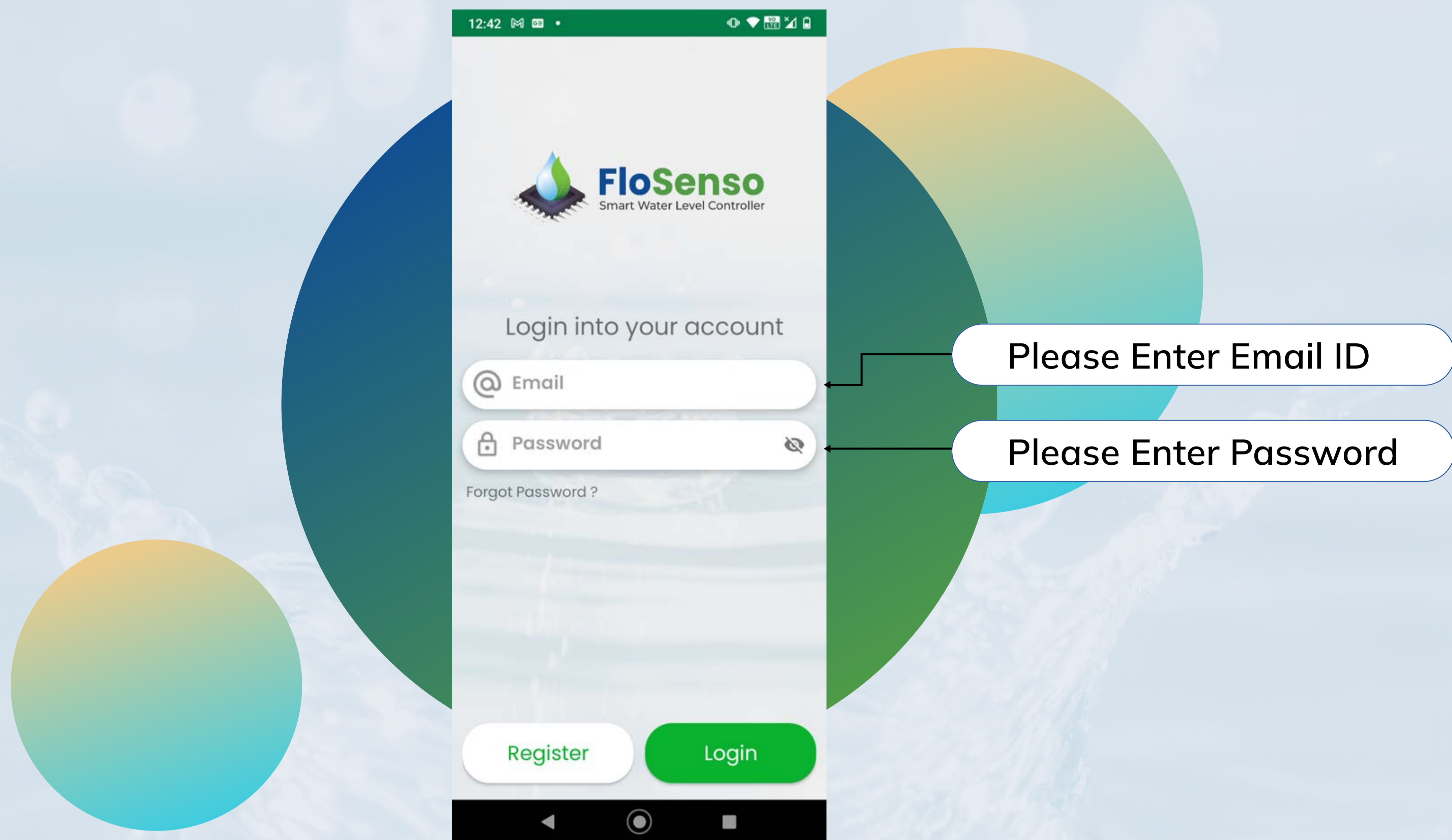


- ▶ Enter the OTP received on your email and mobile number and click "Submit". The correct OTP will register your account, else you need to re-enter the correct OTP for account registration.

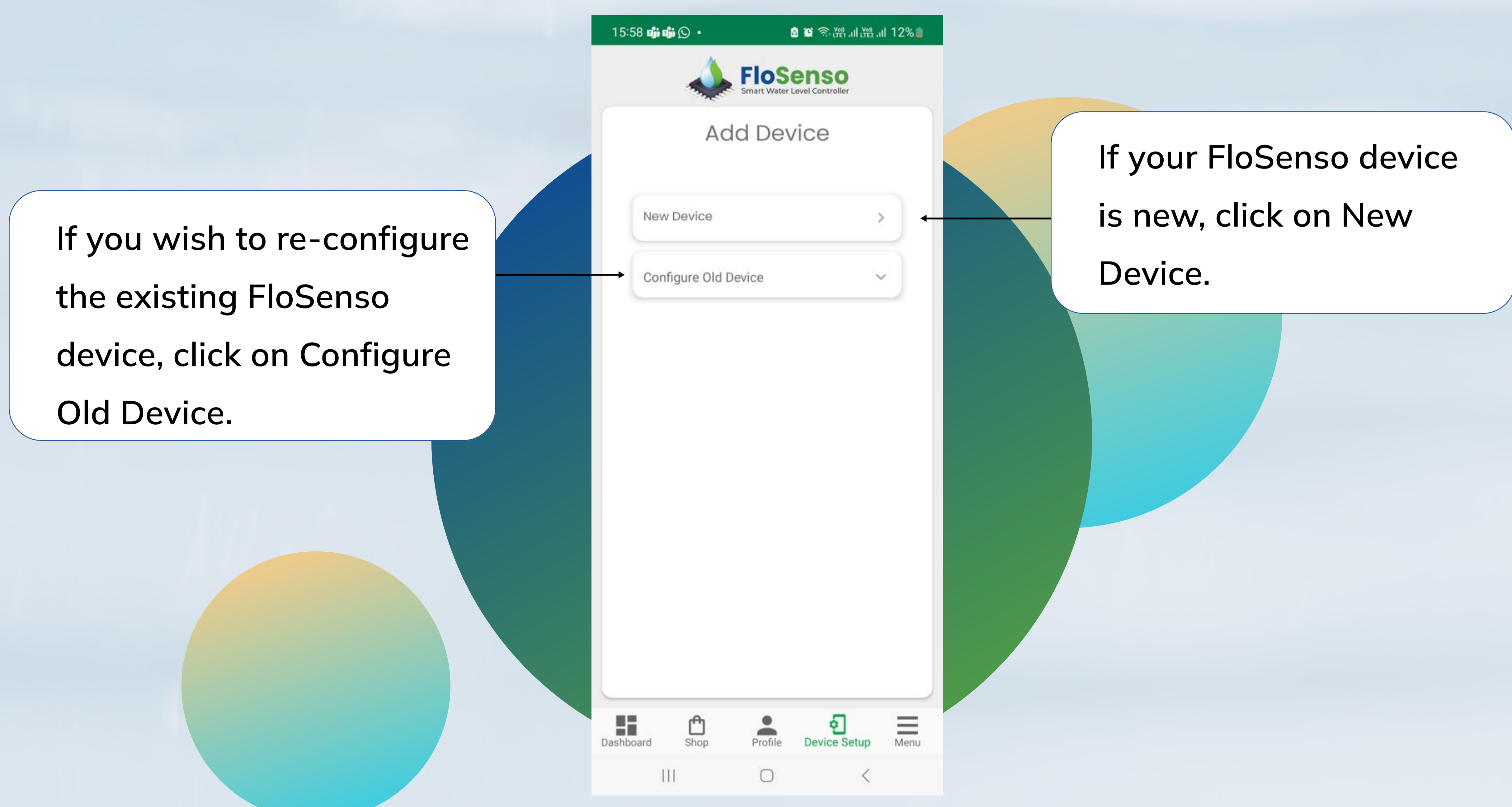


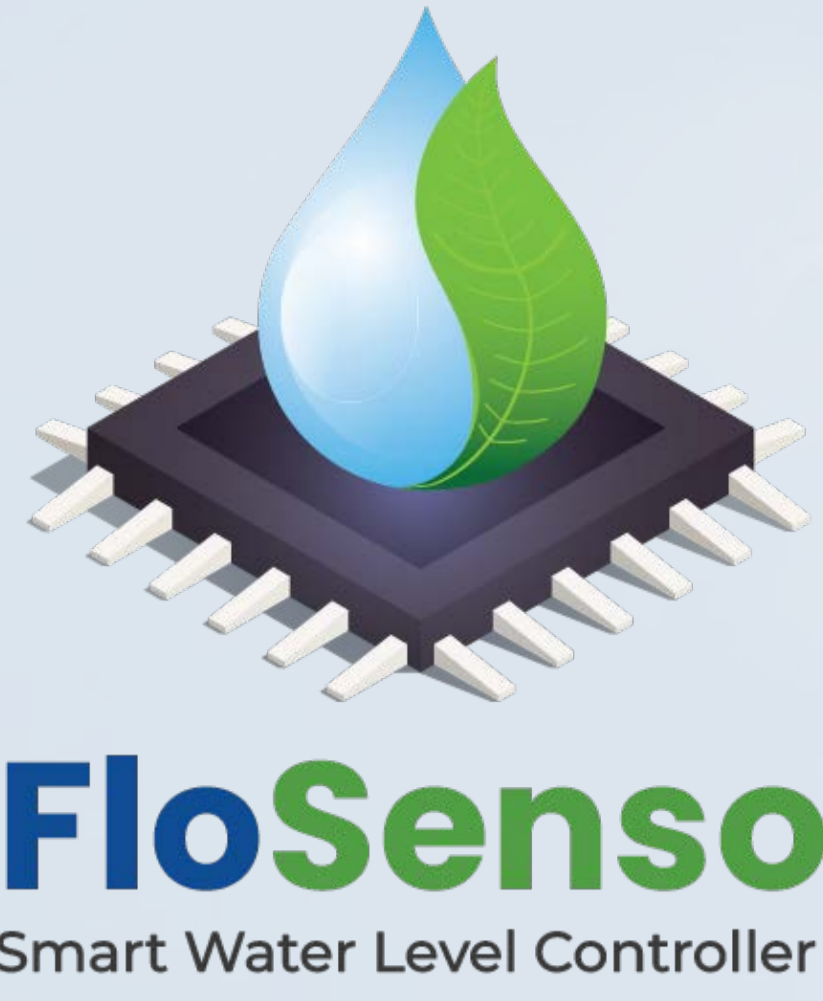


- ▶ After registration is successful, Login again with your Email ID and password



- ▶ Select the New Device option to configure a new FloSenso device.





- ▶ Select the 2.4 GHz Wi-Fi network.

Please Enter Wi-Fi SSID\*

Please Enter Wi-Fi Password

Click next to continue

Click to select Wi-Fi Network

Refer to glossary section if you are having trouble understanding details to be filled here.

Note - The controller supports only 2.4 GHz Wi-Fi network. Please make sure that you connect it to 2.4 GHz network only. If your router uses a 5 GHz network, contact your internet provider to help you create a separate 2.4 GHz network.

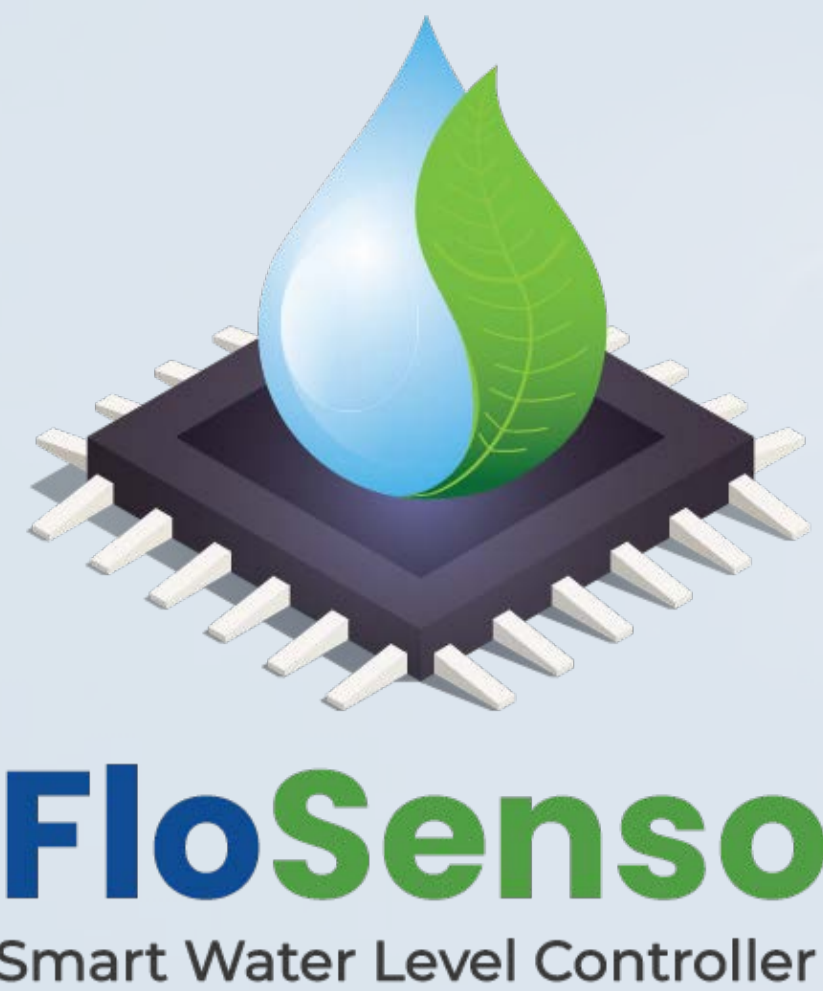
- ▶ Next, Turn ON Hotspot Mode of your Controller.

Click to confirm

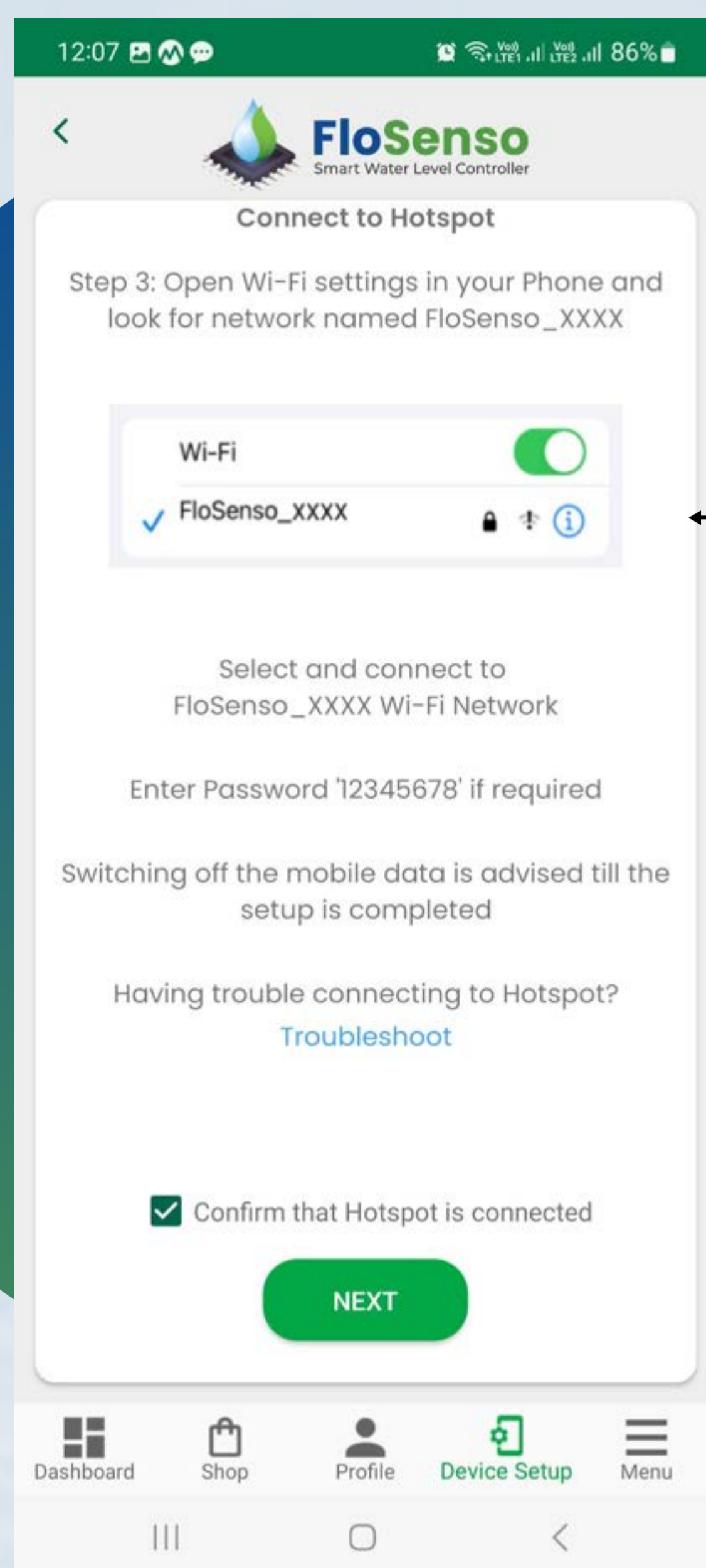
Follow steps to Turn ON Hotspot Mode

Click next to continue



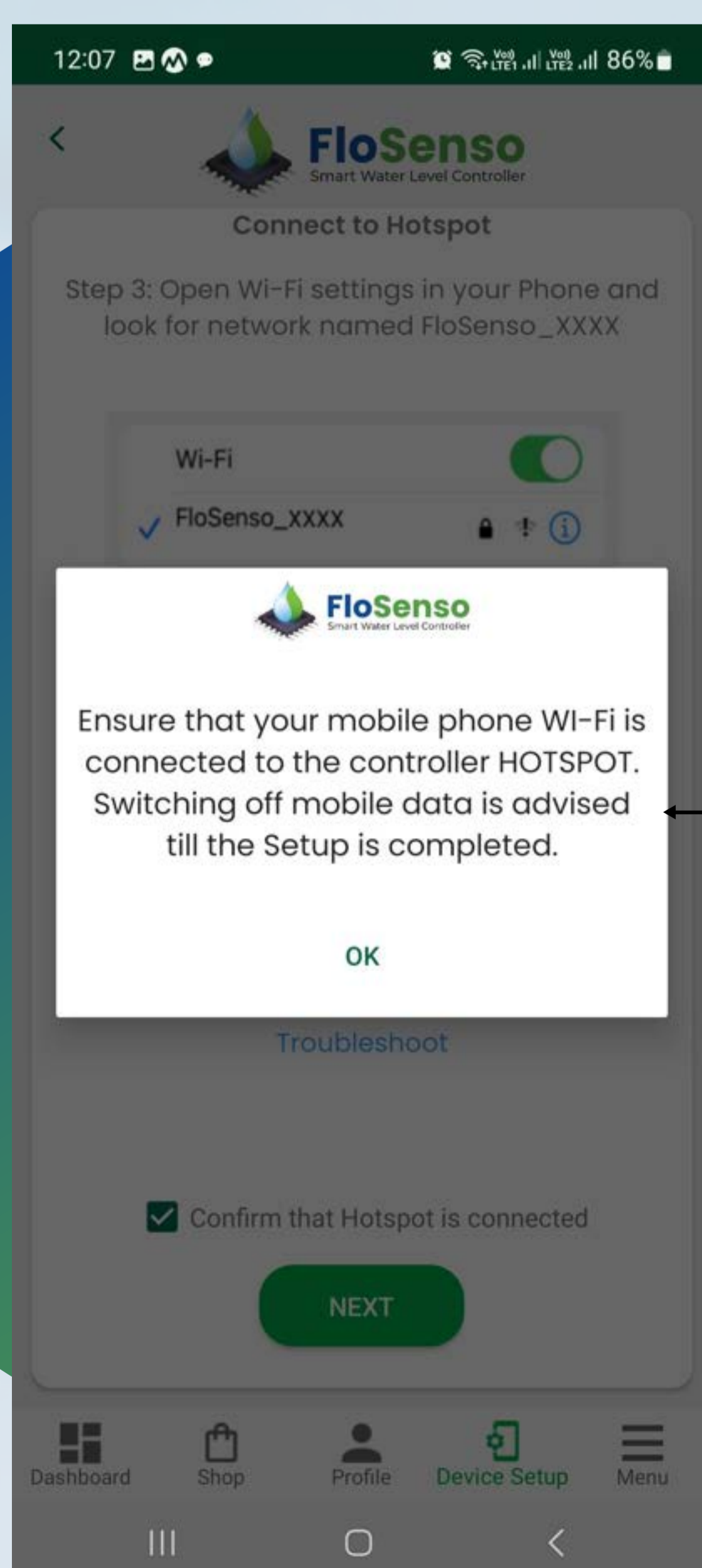


- ▶ To connect to the FloSenso hotspot, go to the Settings -> Connections -> Hotspot of your smartphone. Select the HotSpot name "FloSenso\_XXXX". XXXX is a unique 4-digit system generated code for your device.

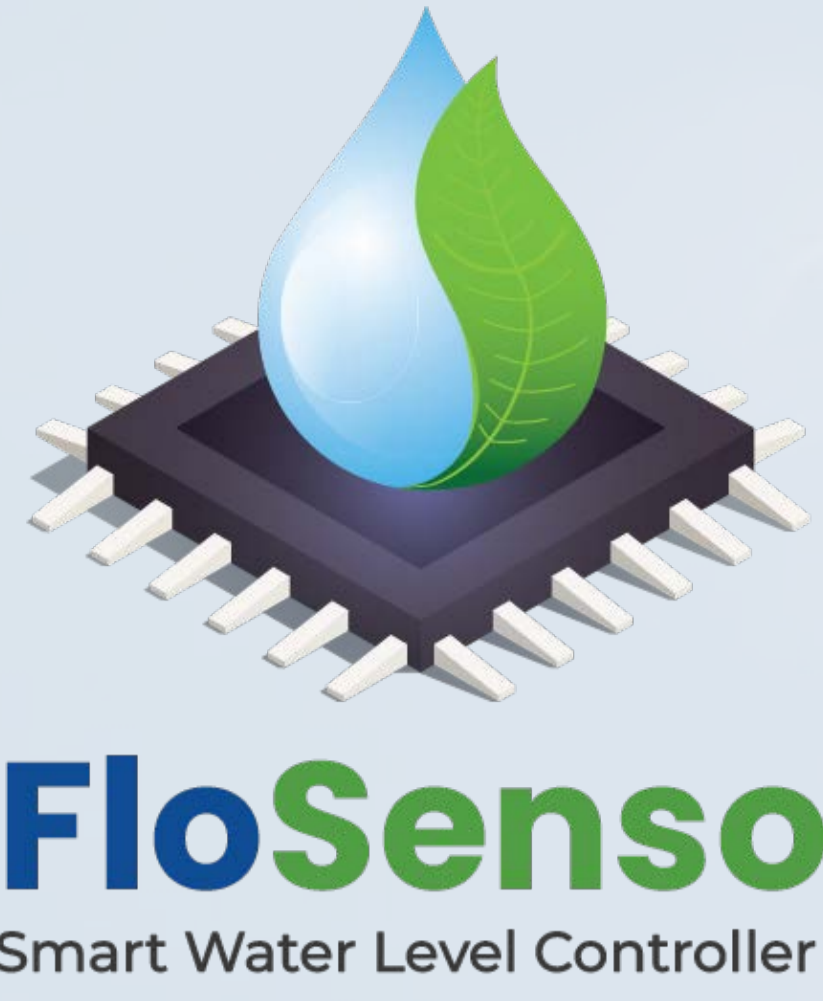


Connect to FloSenso Hotspot named FloSenso\_XXXX

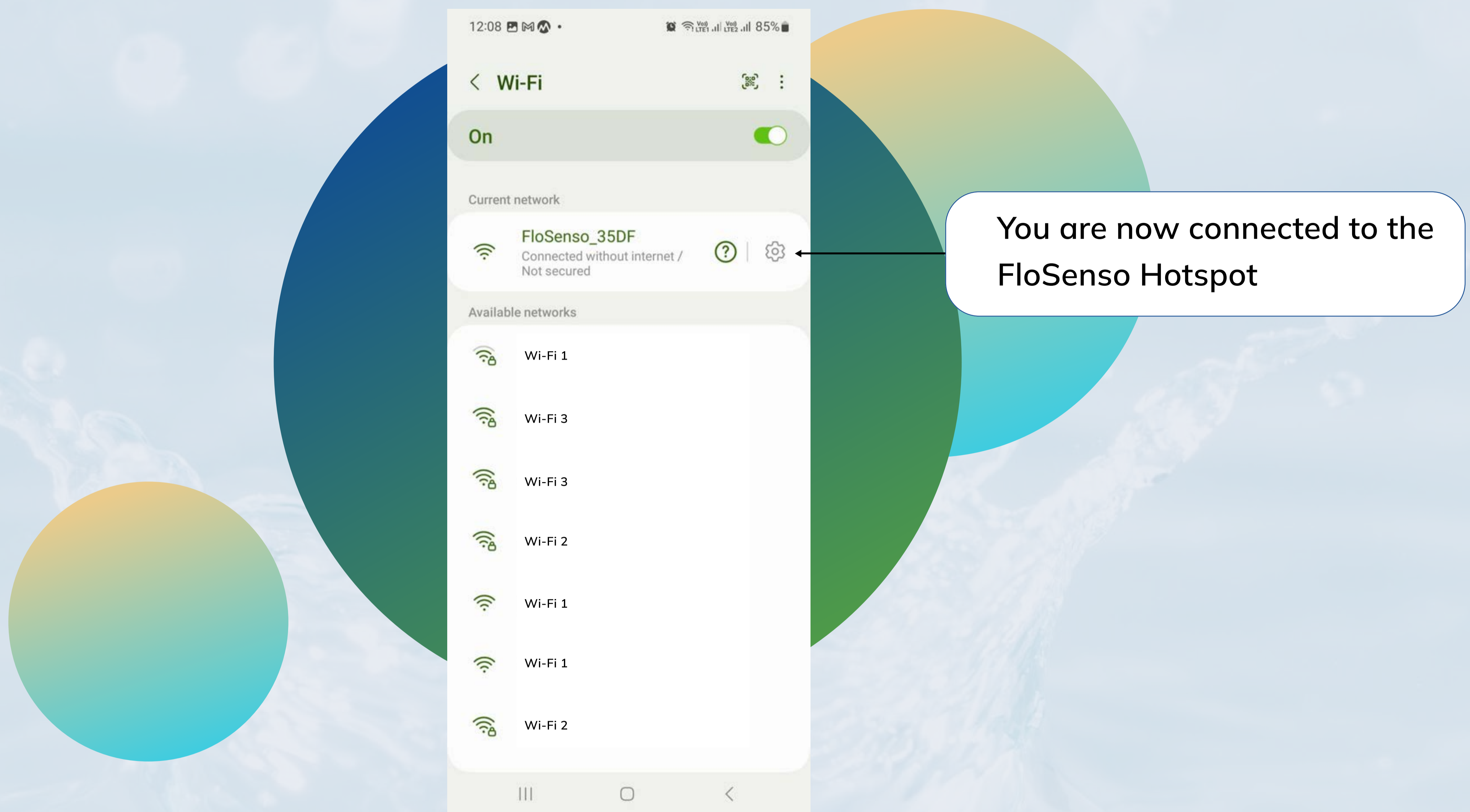
- ▶ Confirm that you have connected with FloSenso Hotspot.



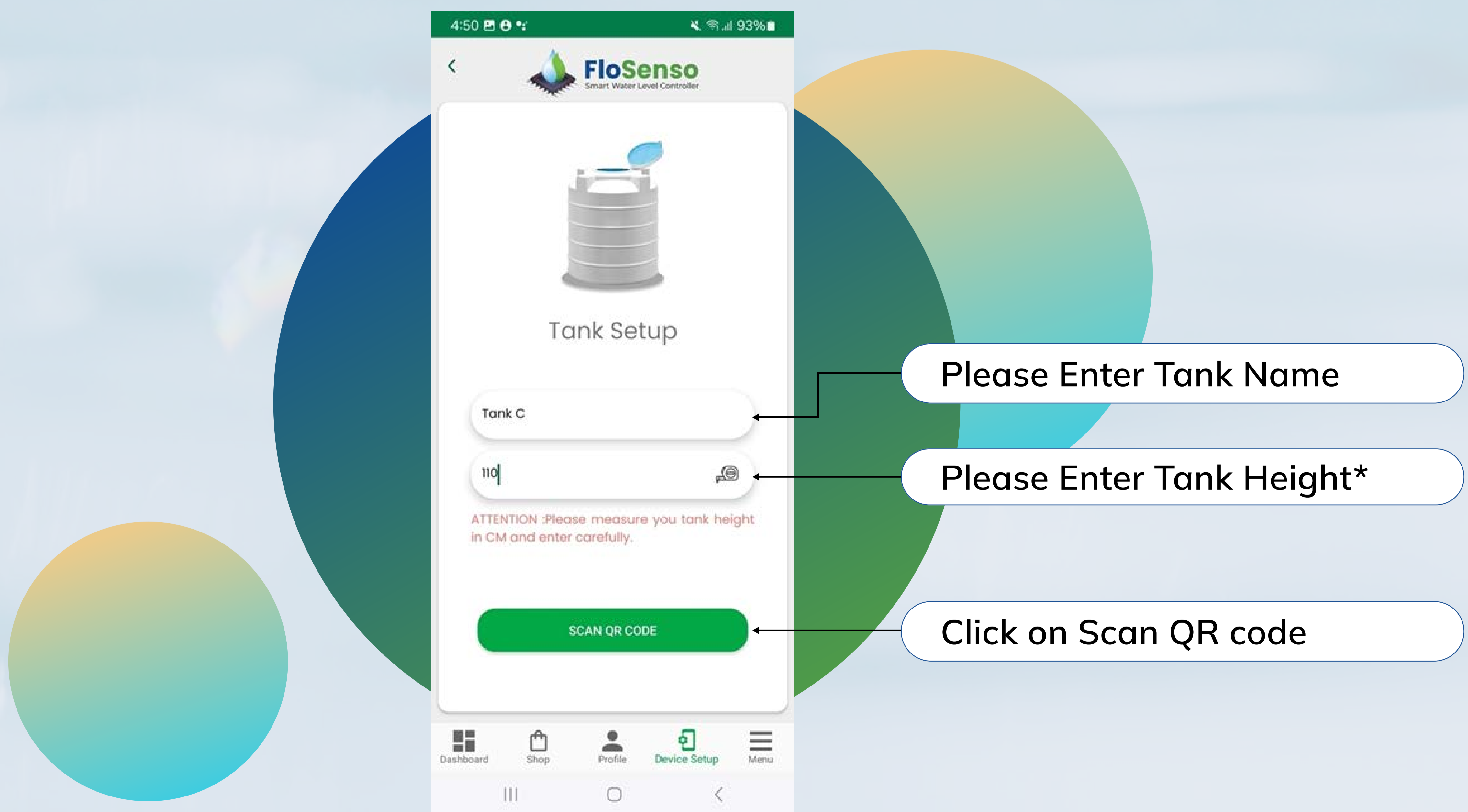
If you are not yet connected to the FloSenso Hotspot, you will be asked to connect again, Click Ok to connect to FloSenso Hotspot

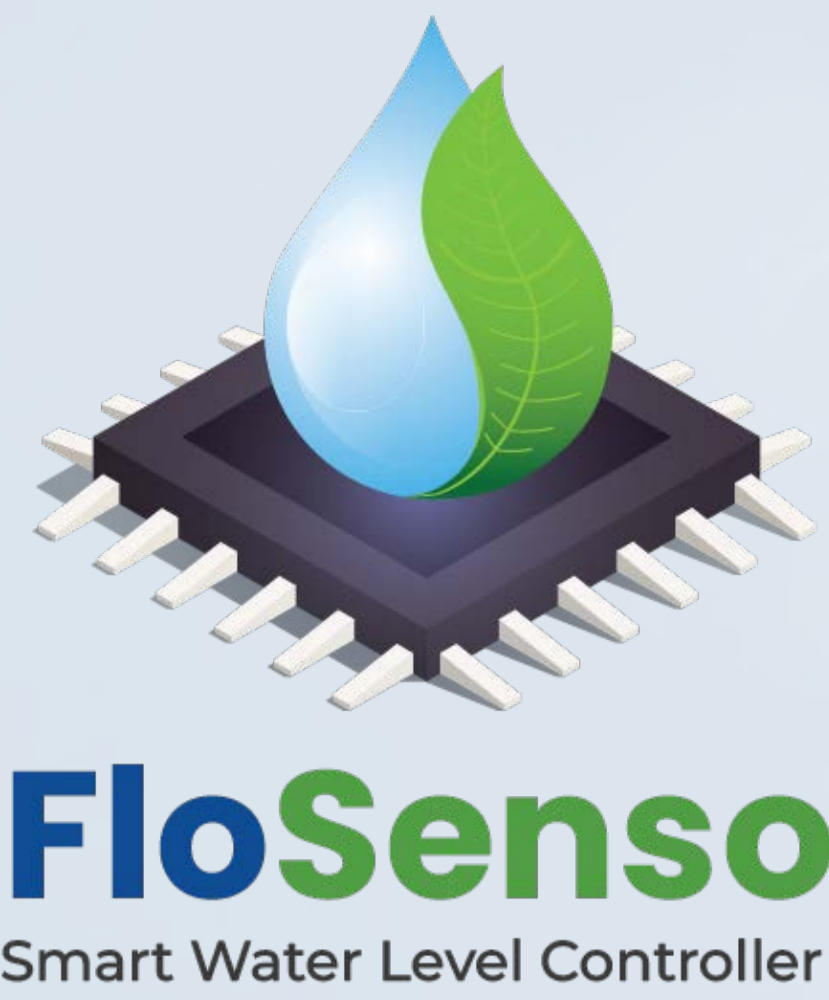


- ▶ You are now successfully connected to the FloSenso Controller.

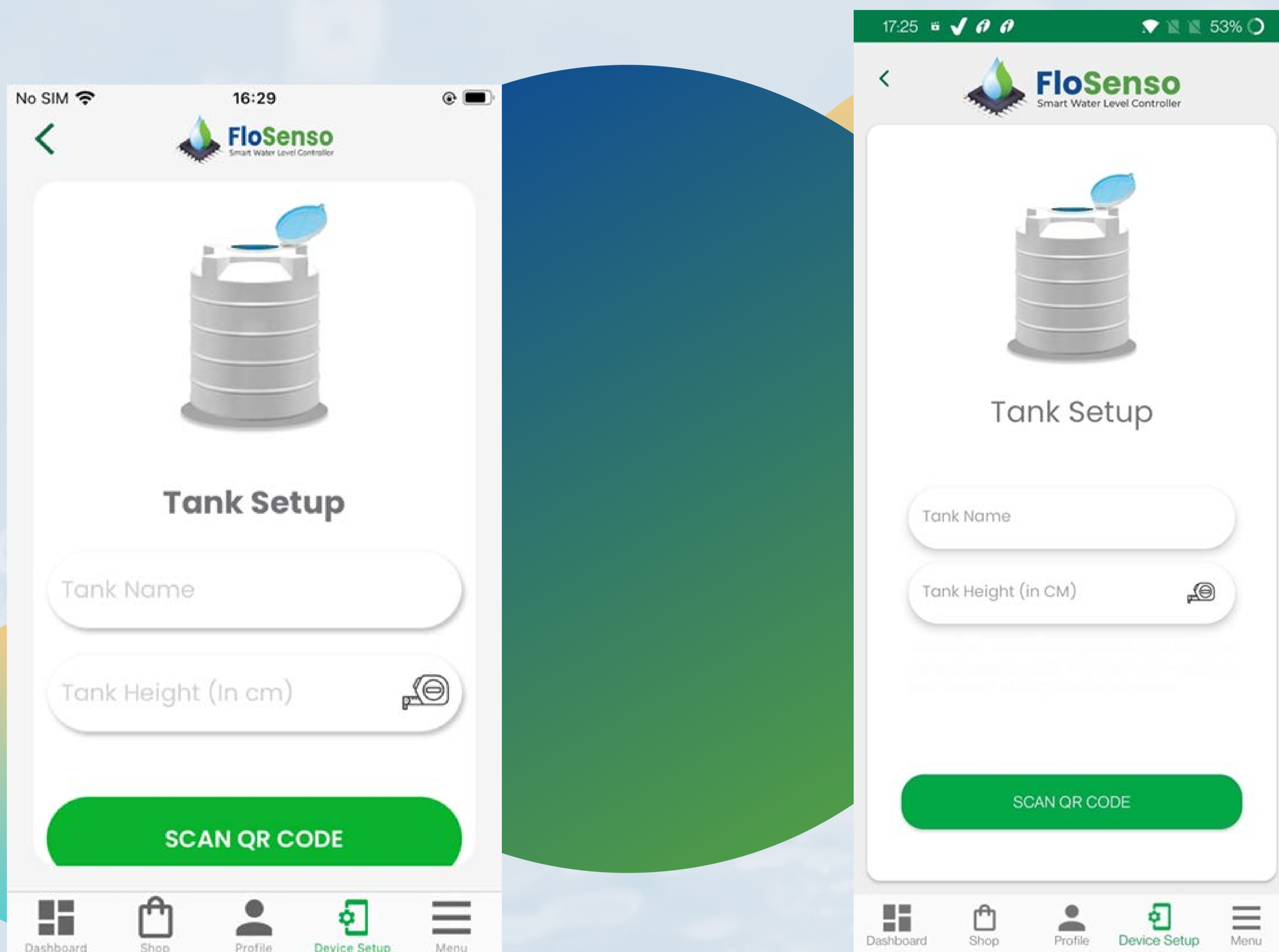


- ▶ The details of the water tank need to be correctly filled here. Measure the height of the tank from the base to the place where the sensor is placed.





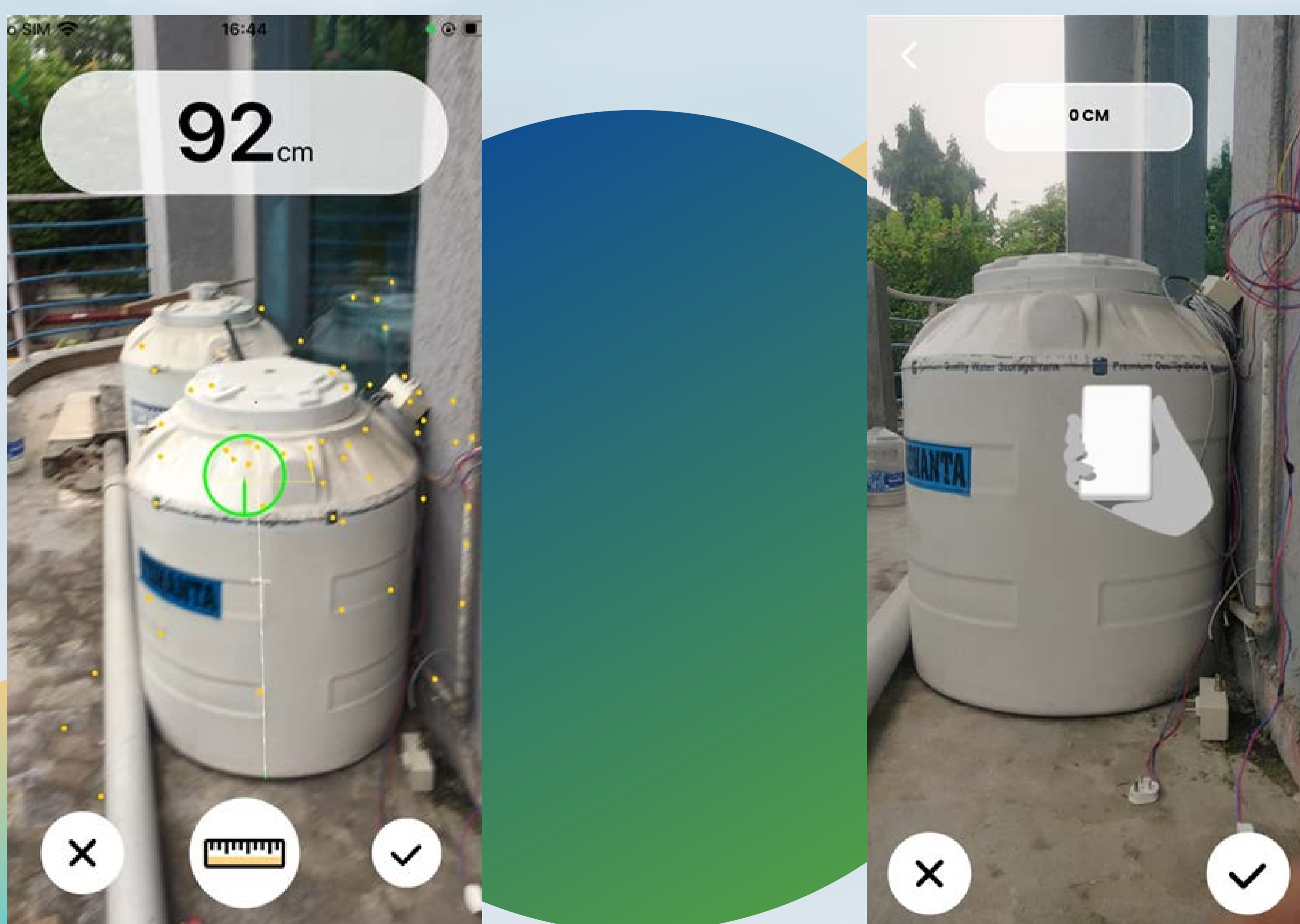
- ▶ Click on the measuring tape icon to measure the height with the FloSenso AR feature.



iOS

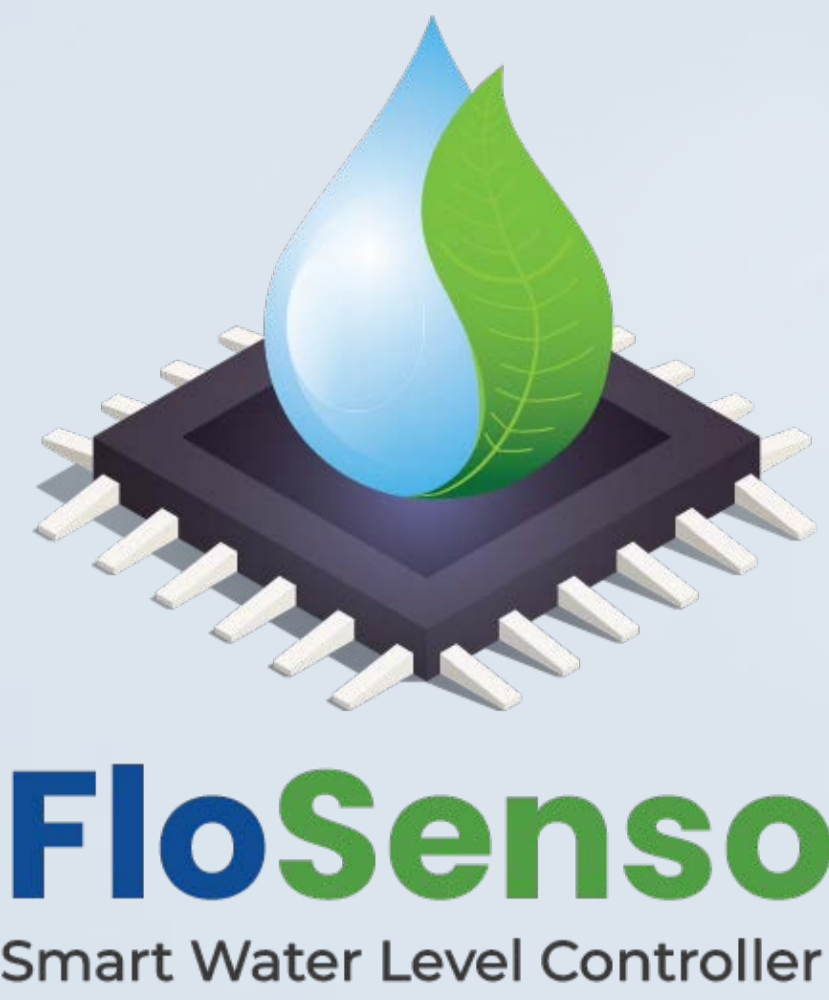
Android

- ▶ Set the Plane for the AR by focusing the camera on the tank whose height you want to measure.



iOS

Android



- ▶ Wait until the plane stabilises and is set. Then proceed to add one point at the bottom of the tank and the second point on the top of the tank. The height will reflect in centimetres (Please ensure that the placement of points is precise to measure the tank height accurately).

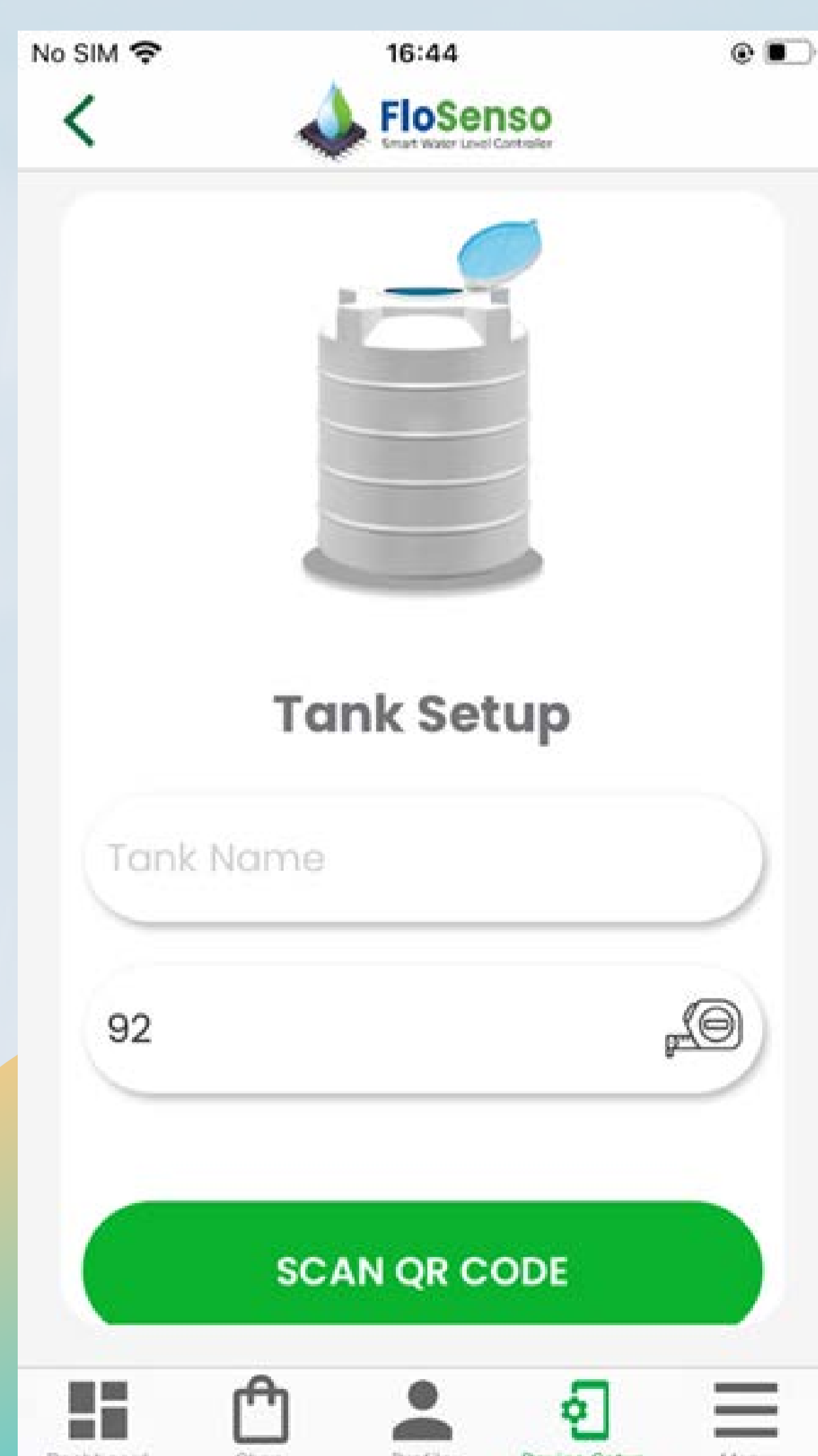


iOS

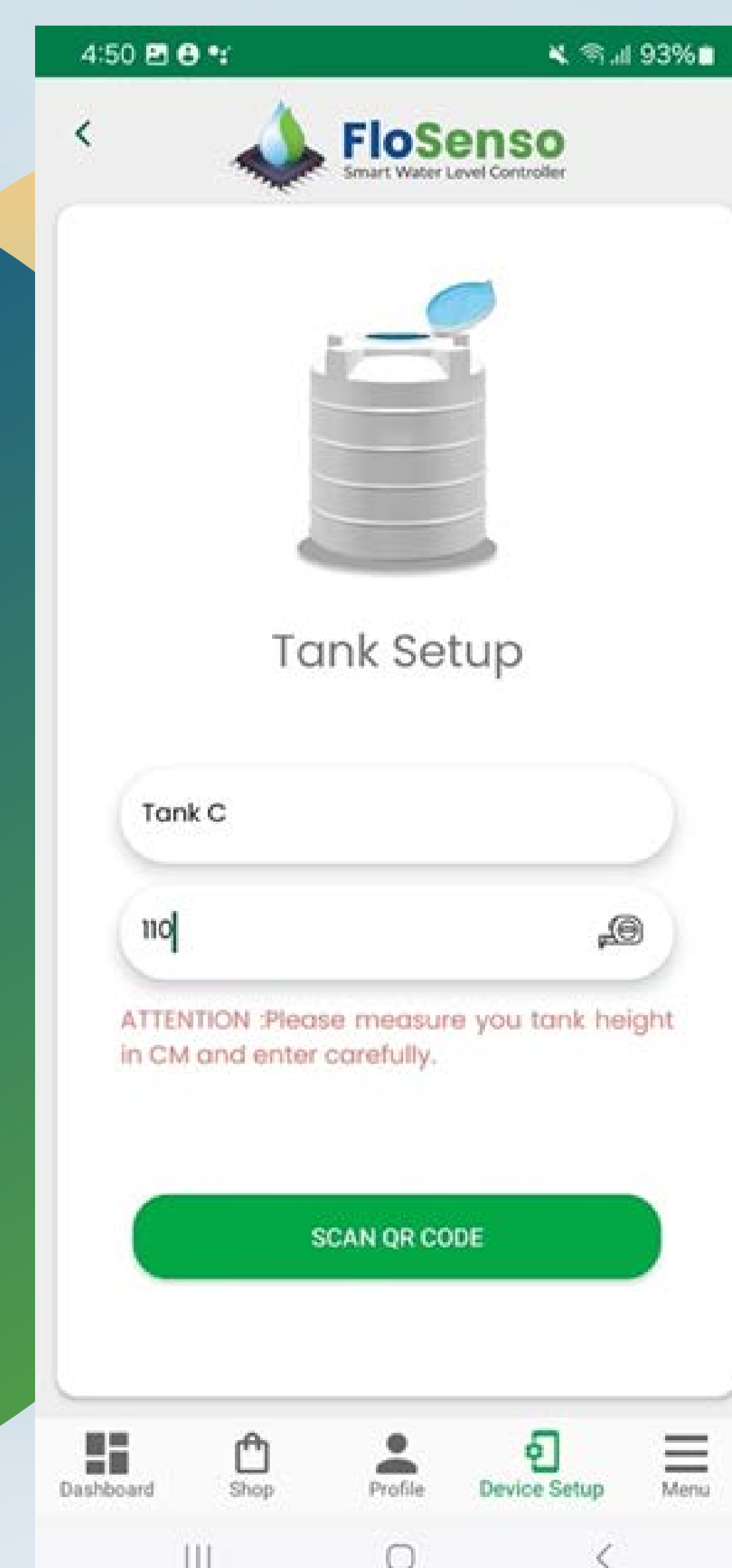


Android

- ▶ The calculated height will be auto filled in the tank height field. If you feel that the calculated height is not correct, please measure the height with a measuring tape and then input the measured height into the tank height field.

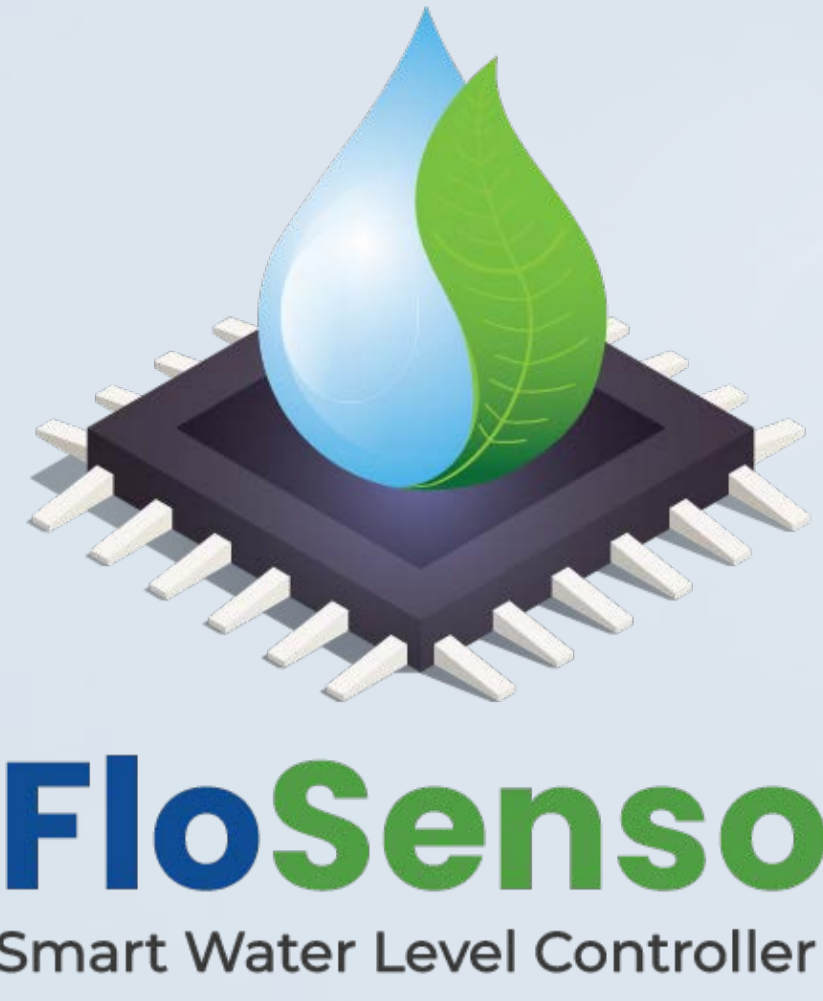


iOS

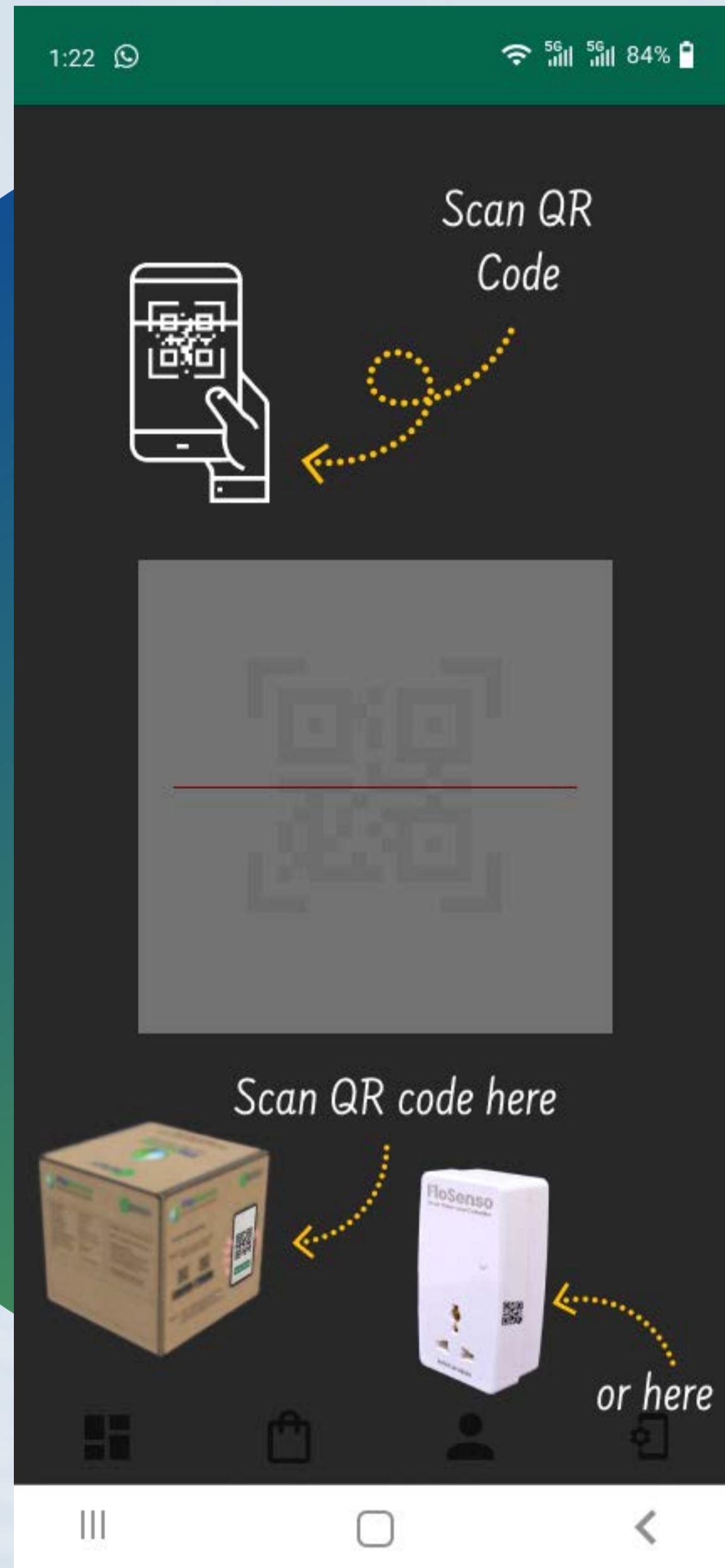


Android

# ATTENTION: Please measure your tank height in CM and enter carefully. This is a one-time activity and CANNOT BE EDITED once submitted.



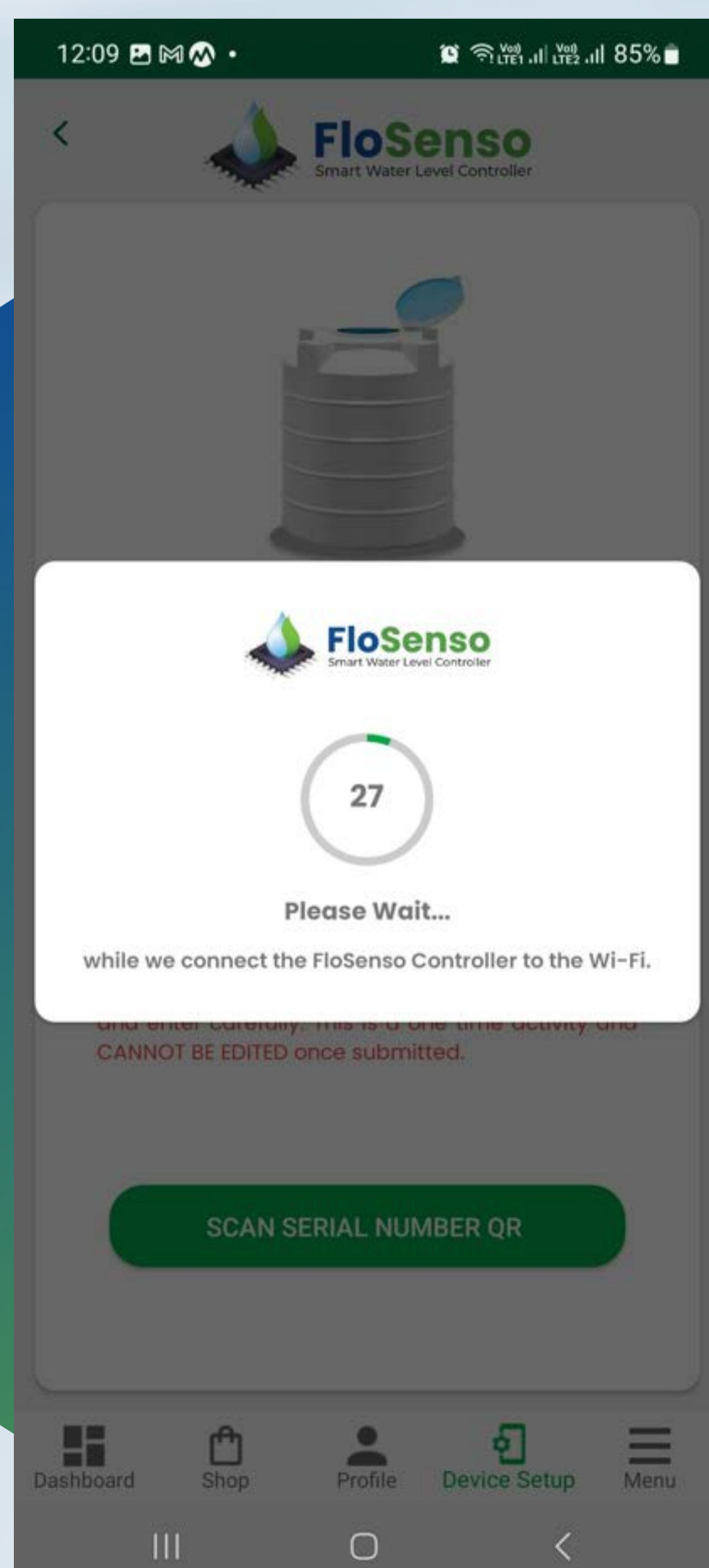
▶ Now scan the QR code

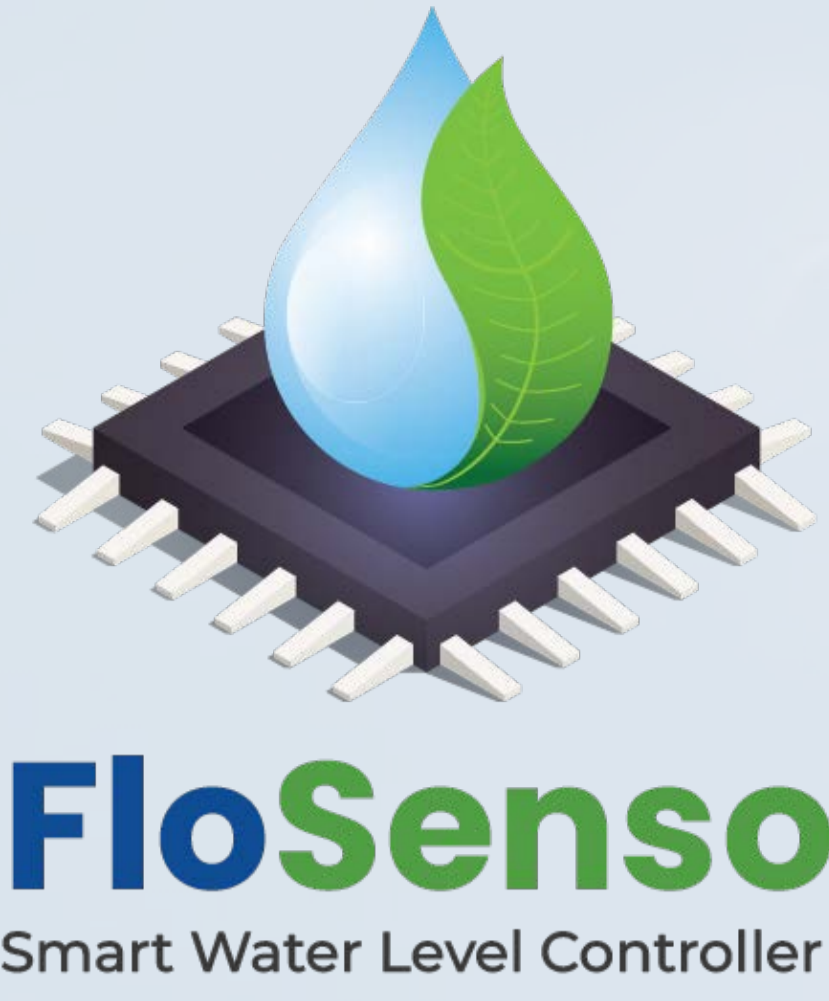


Serial number QR code can be found on the Controller or FloSenso Package.

In case you have trouble or have lost QR code, contact support for help.

▶ FloSenso Controller is now connecting to internet.

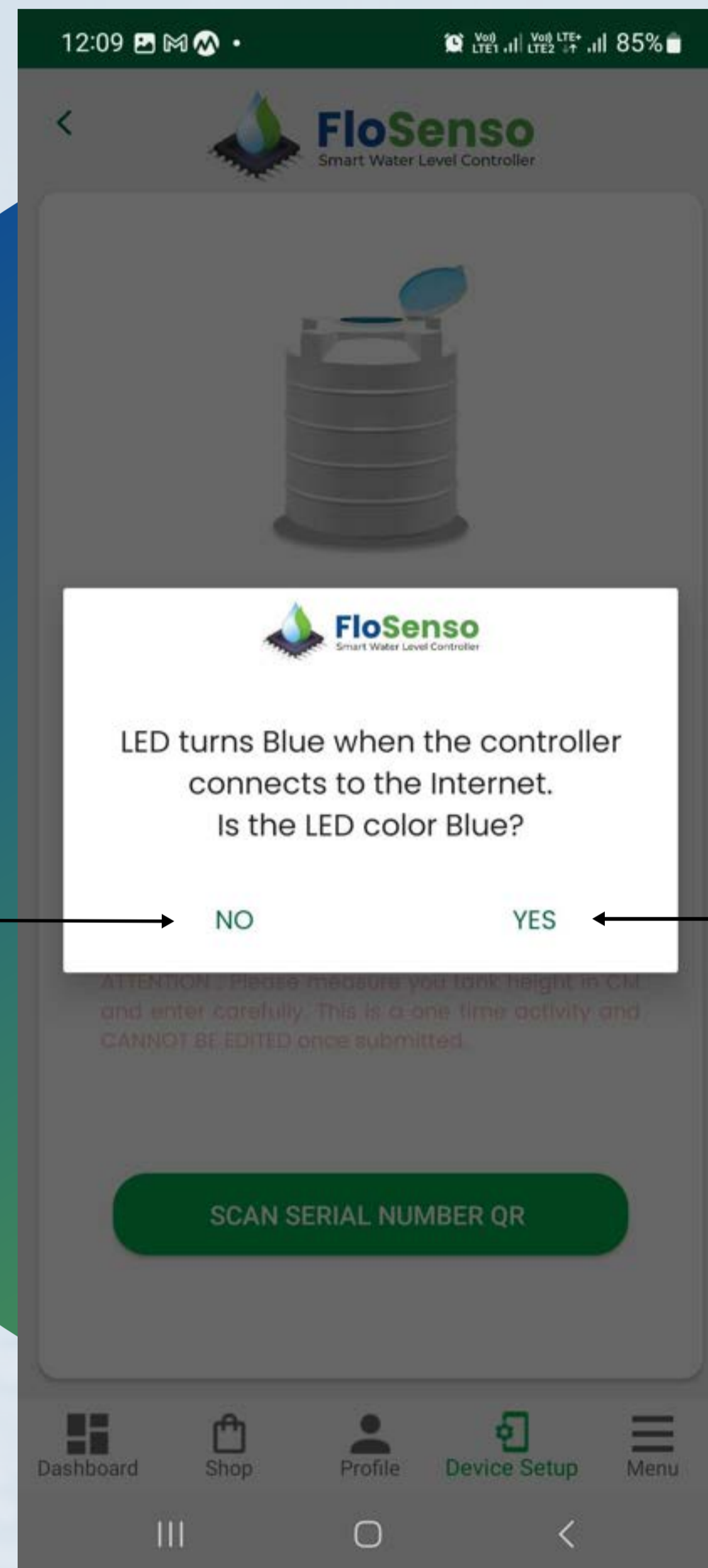




- ▶ Check the FloSenso device is connected to the internet

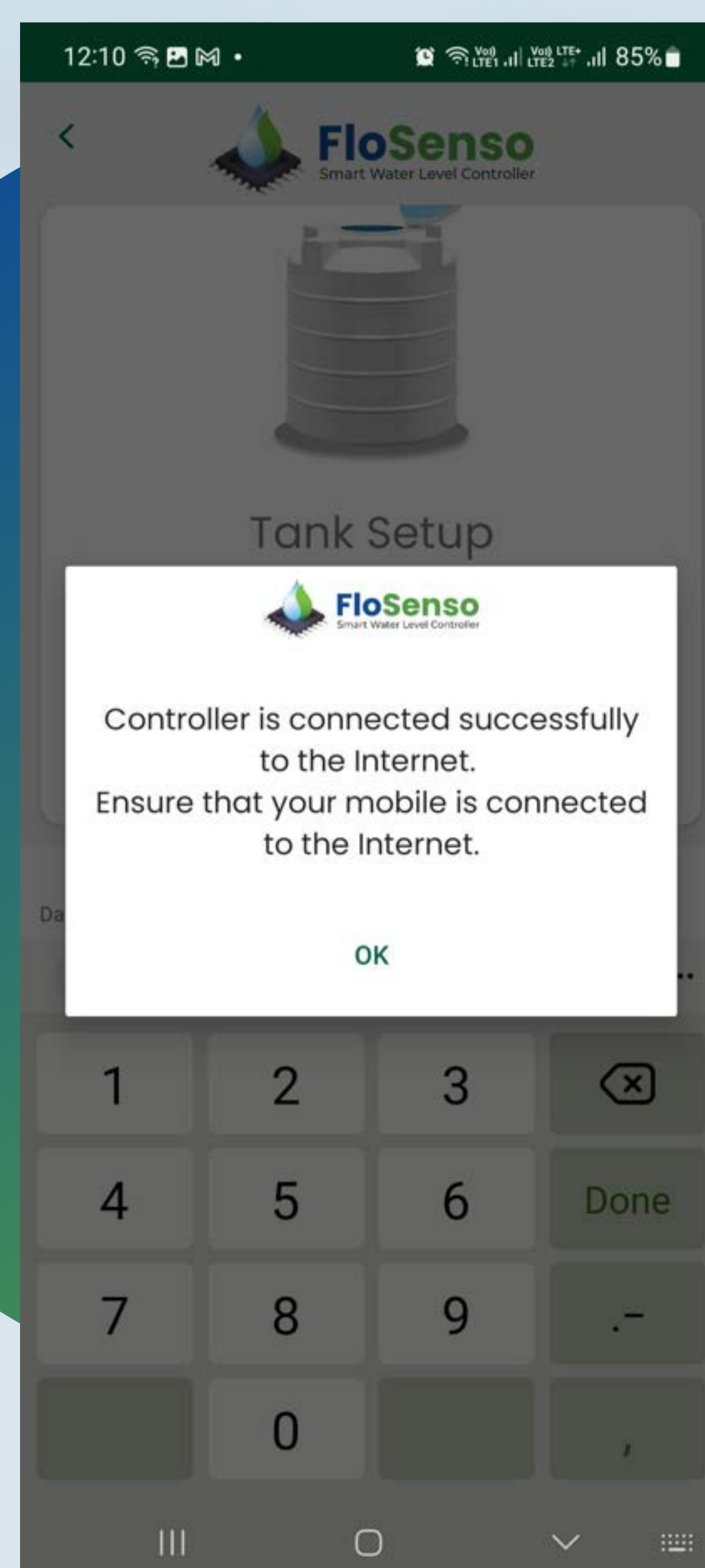
If the LED light does not turn blue even after 30 secs.

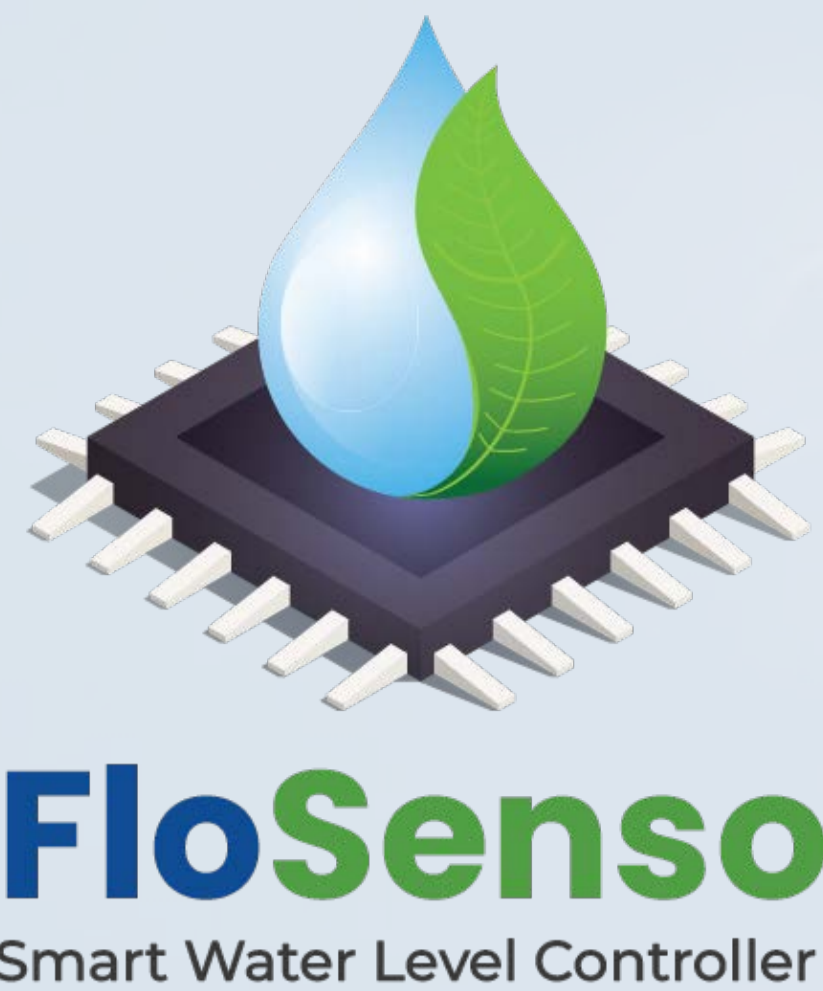
1. Click No and then click on Device Setup from Bottom bar.
2. Switch OFF the FloSenso Controller and Switch it ON again.
3. Follow the steps in the Device Setup screen.



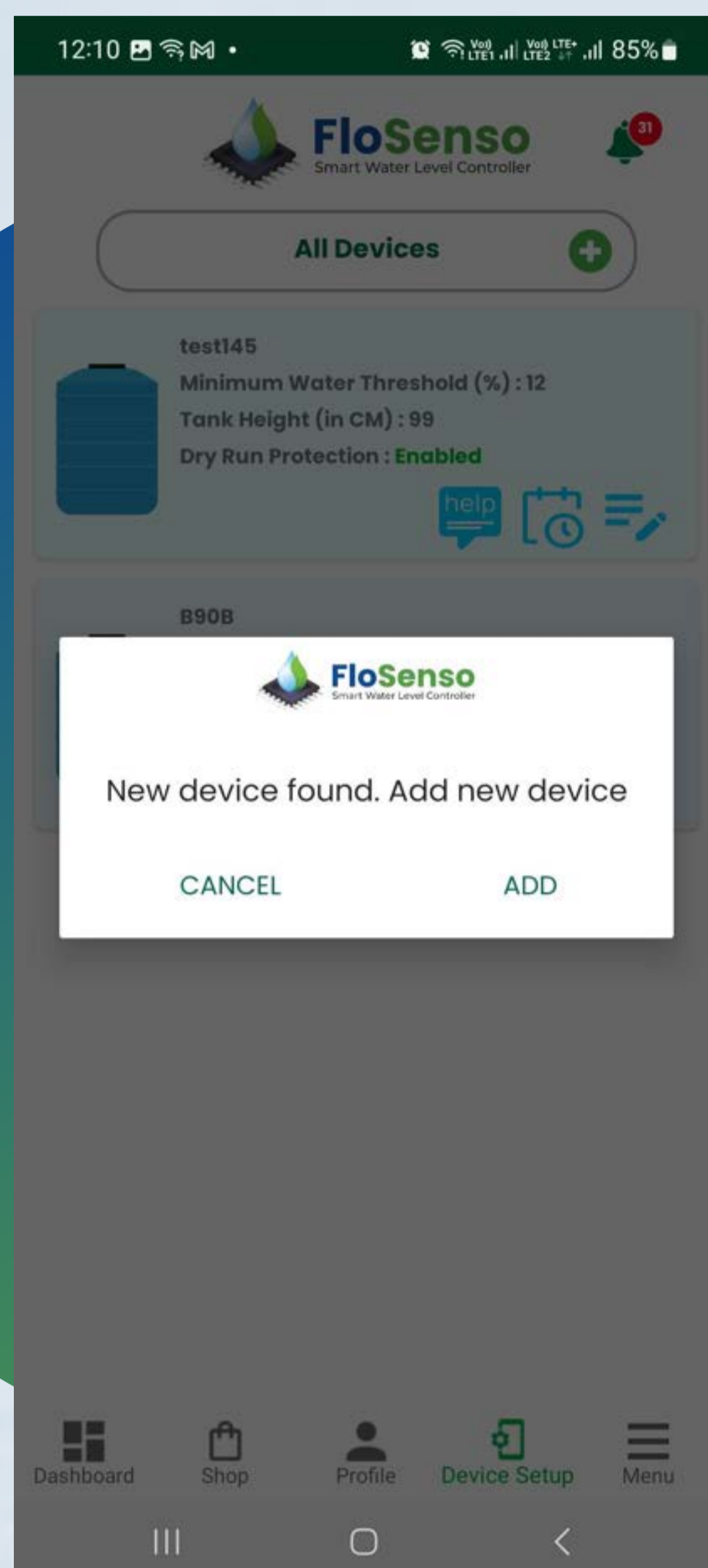
Click Yes if the controller LED light has turned BLUE

- ▶ If device is connected properly, You will be redirected to the setup screen. Now set up your FloSenso Device.

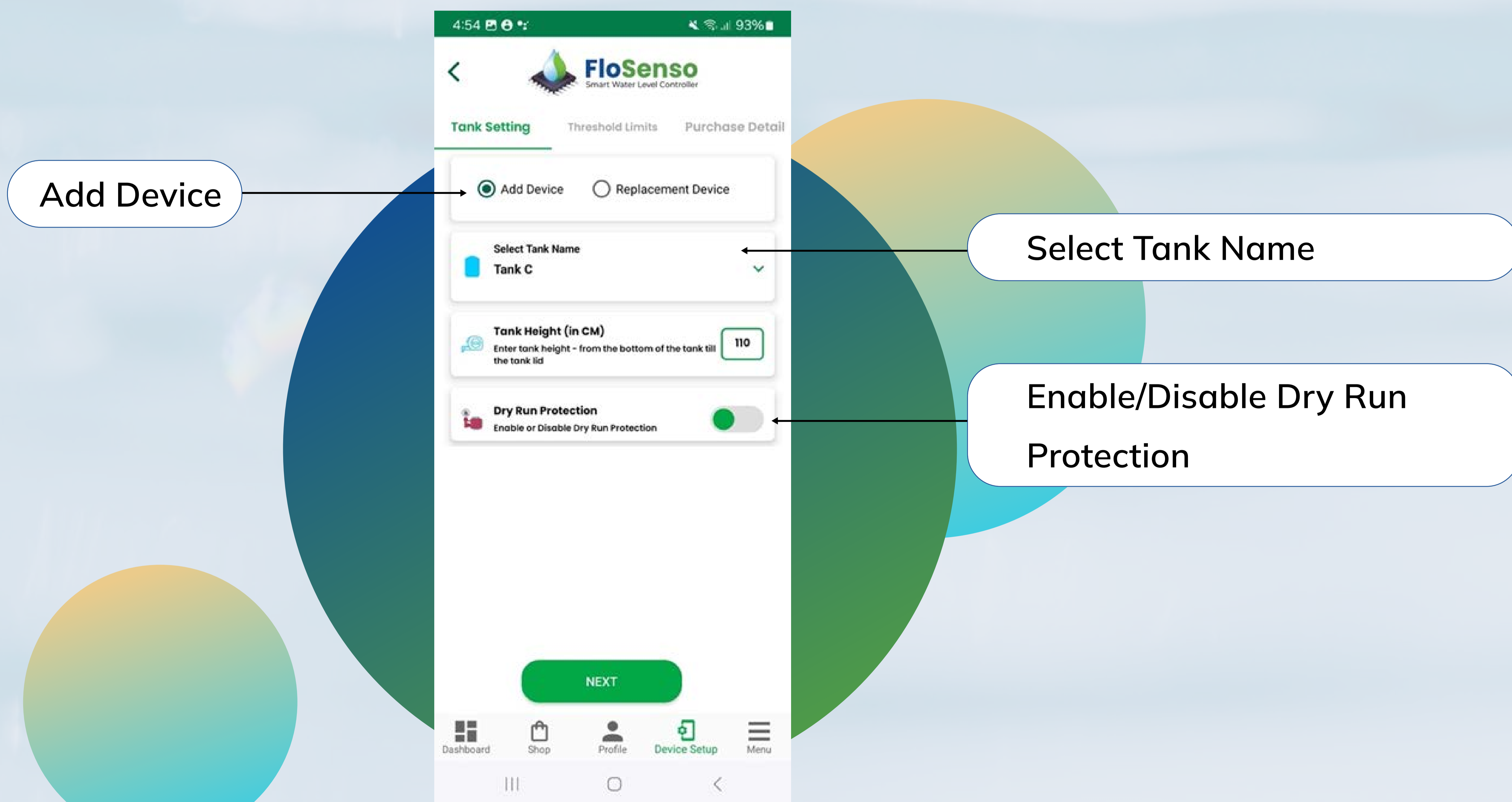




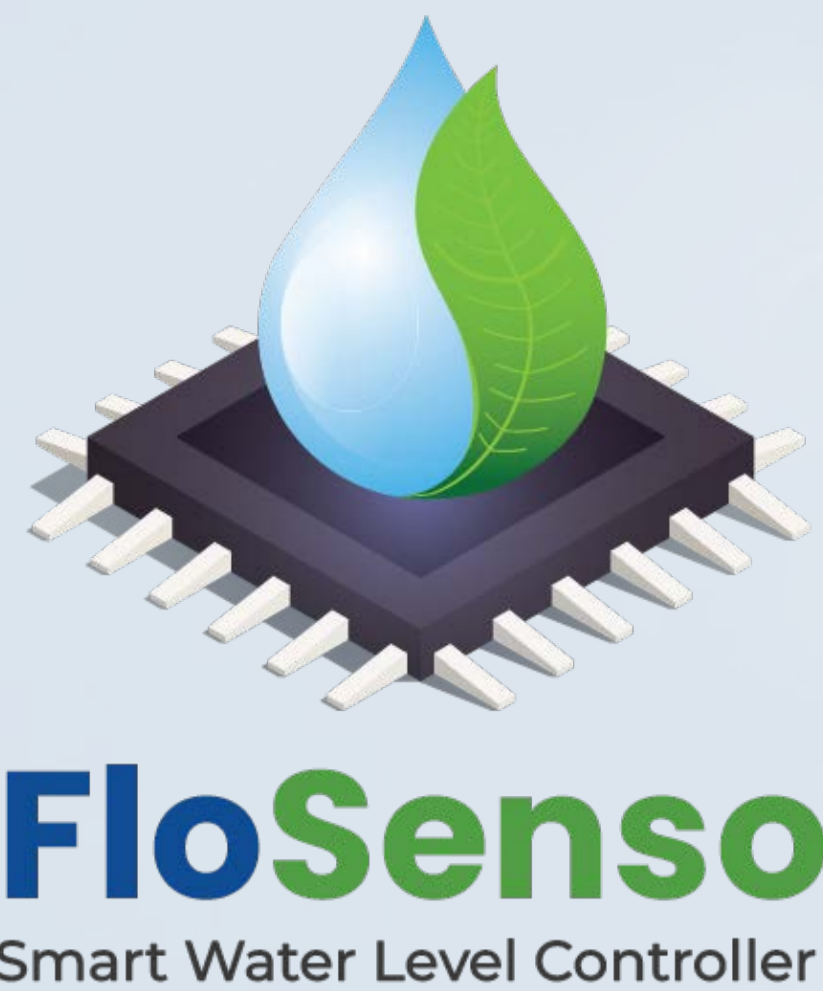
▶ Click on Add to add the device



▶ Select Tank Setting



# Refer to Glossary at the end for more information



► Select Threshold Limits

Select Minimum Water Level#

Select Water Stop Level

► Select Purchase details

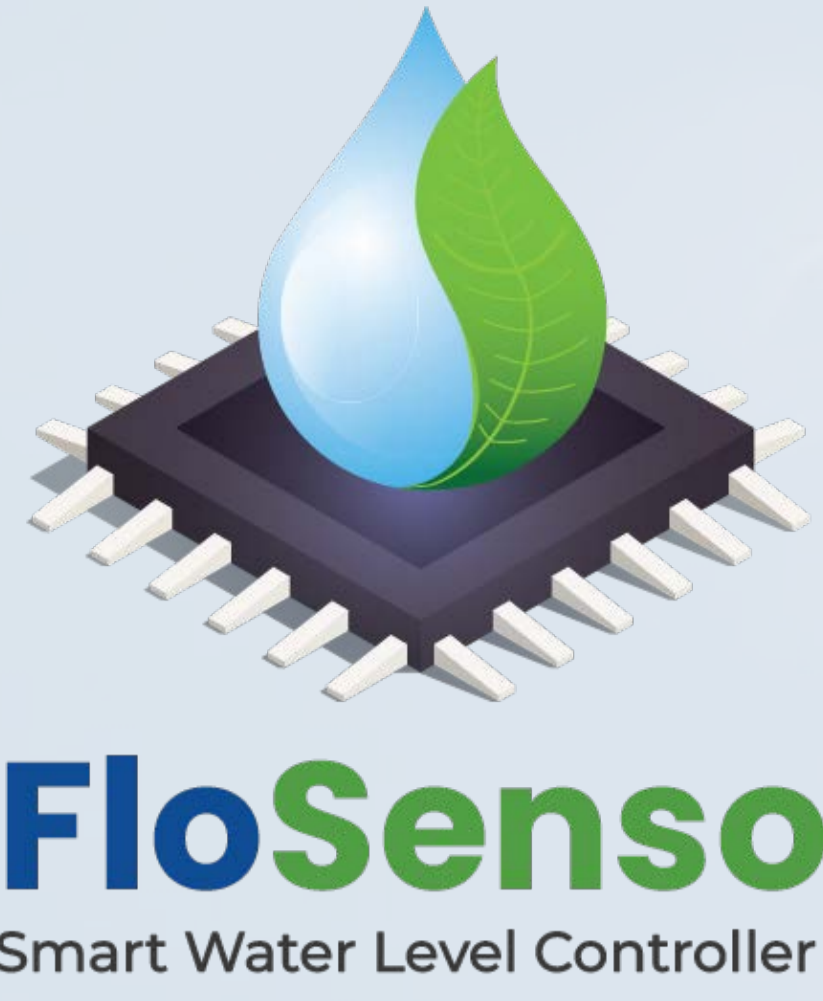
Enter Invoice Number\*

Enter Purchase Date\*

Click on Submit to complete Device Setup

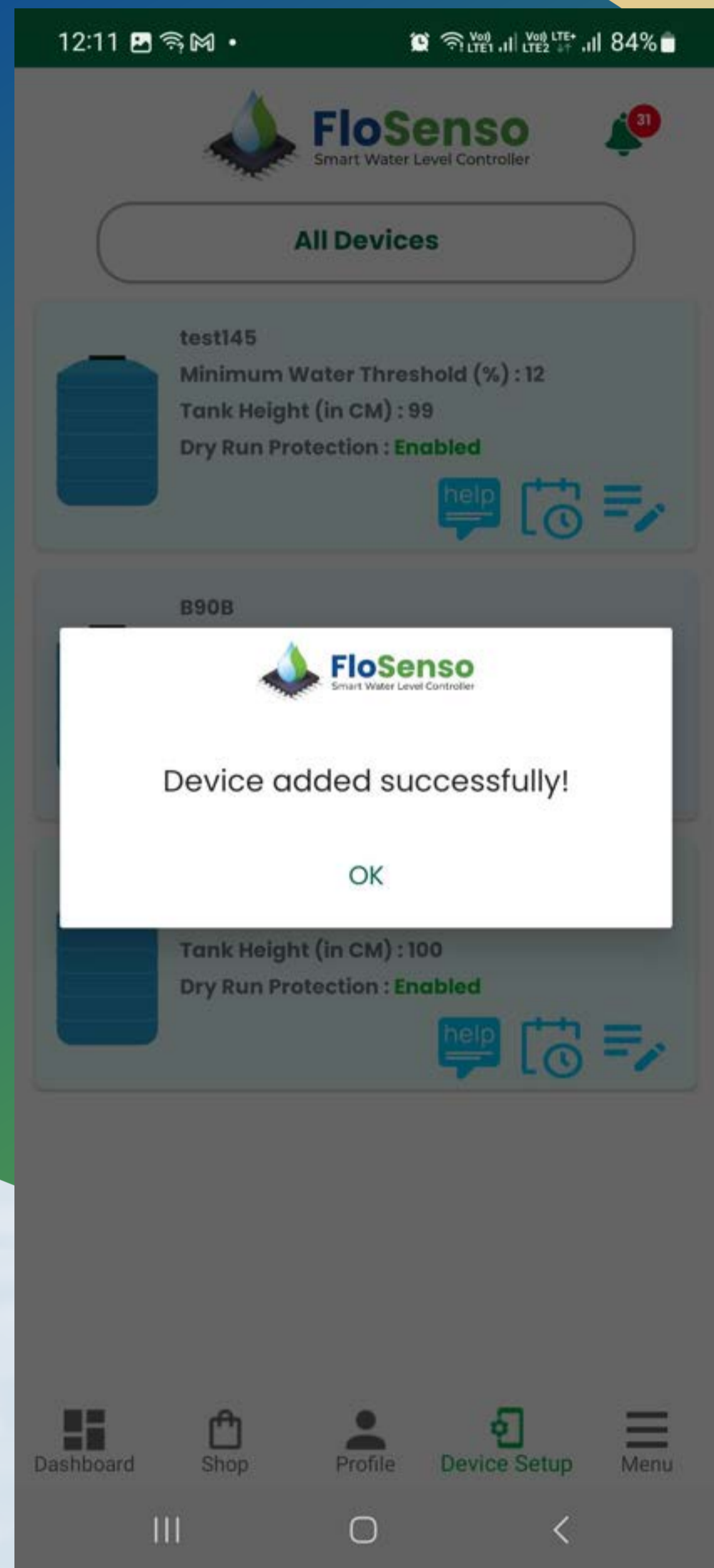
\* You can find these details on your Bill

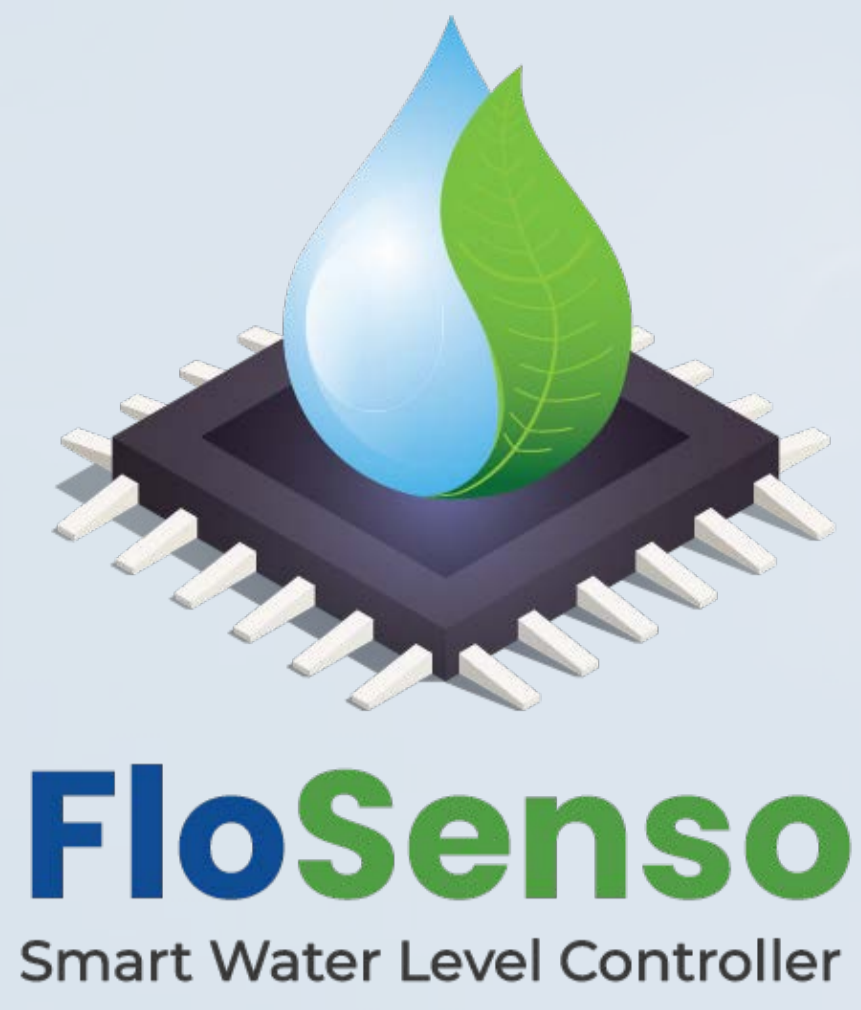




- ▶ **Congratulations.** Device Setup is now complete. Now you can see your device on the Dashboard.

Click on Add to Add New Device on your Dashboard



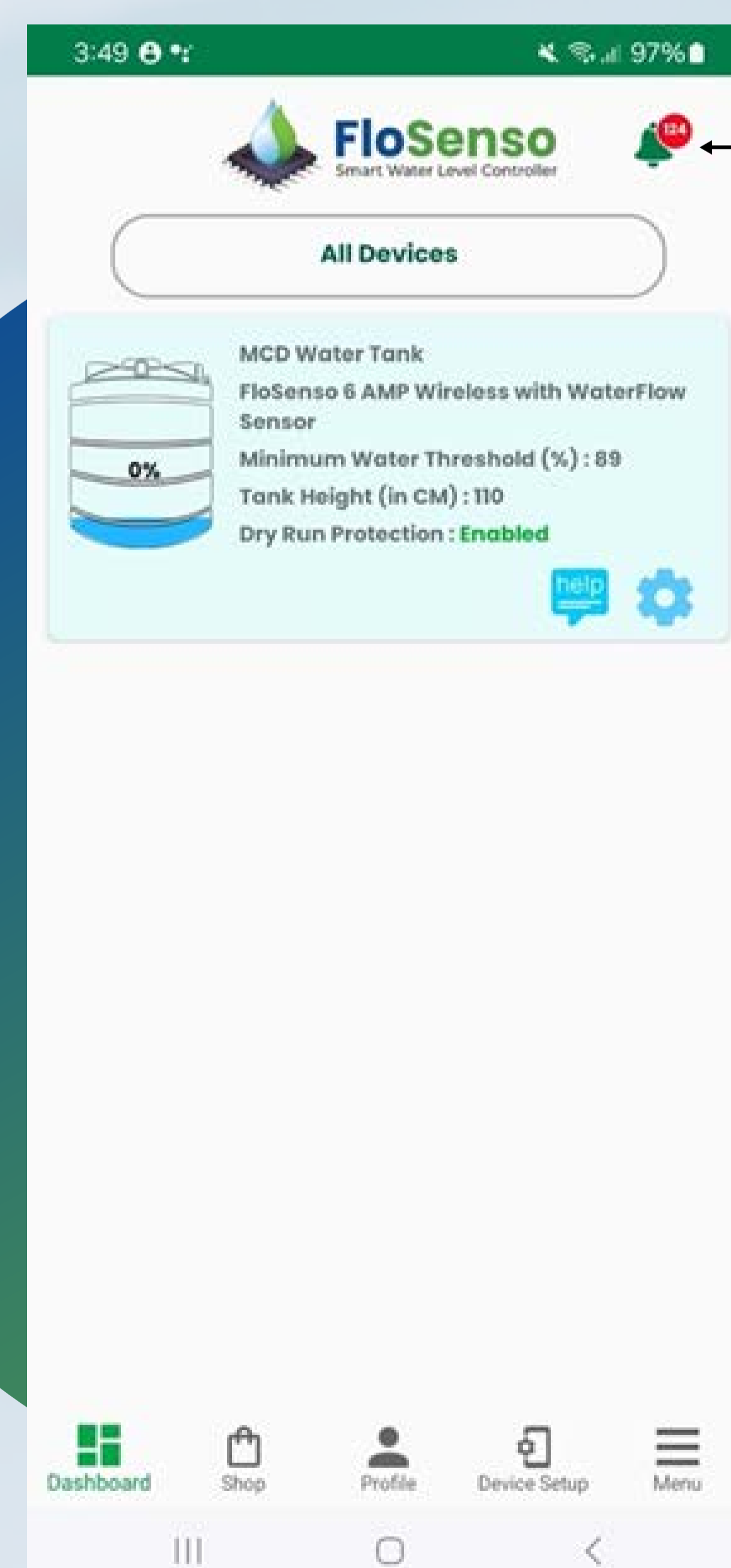


- ▶ You can now view the device details in the list of installed devices on the App dashboard.

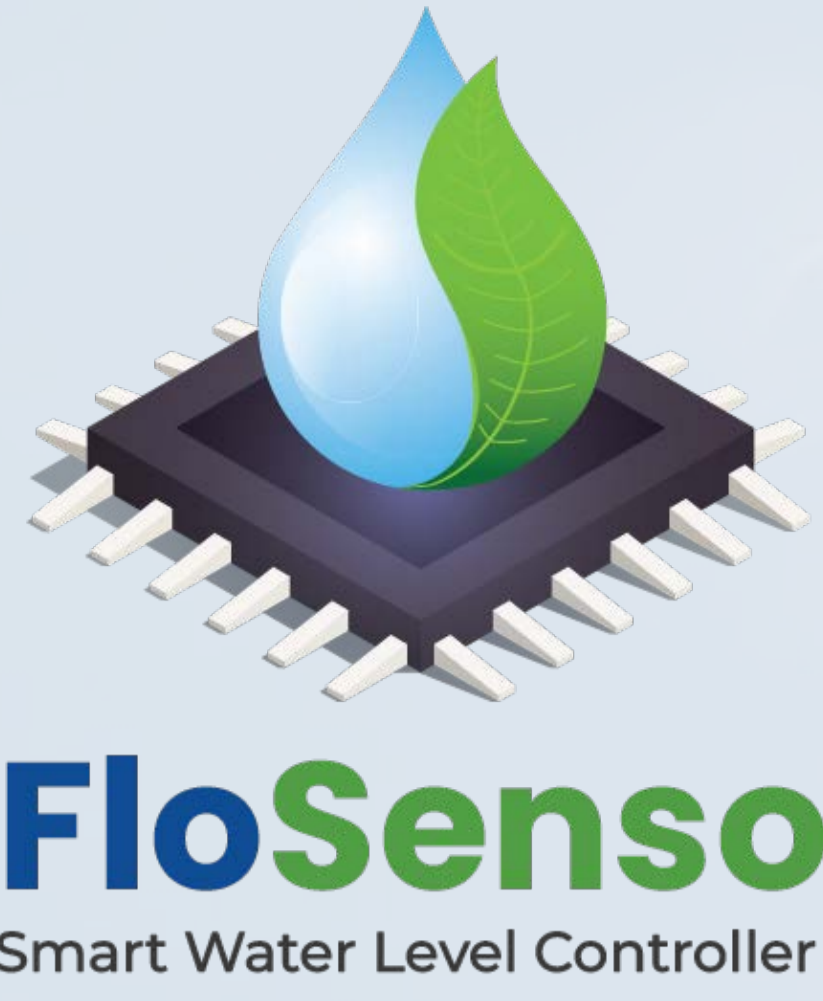


Once Device Setup is complete, You will be able to see the Device on the App Dashboard

- ▶ Notifications



View all notifications about your FloSenso device



► Raise a Ticket to contact FloSenso Support

**Select Priority**

**Click on submit to raise ticket**

**Product Serial Number**

**Tank Name**

**Warranty Status**

**Issue Type**

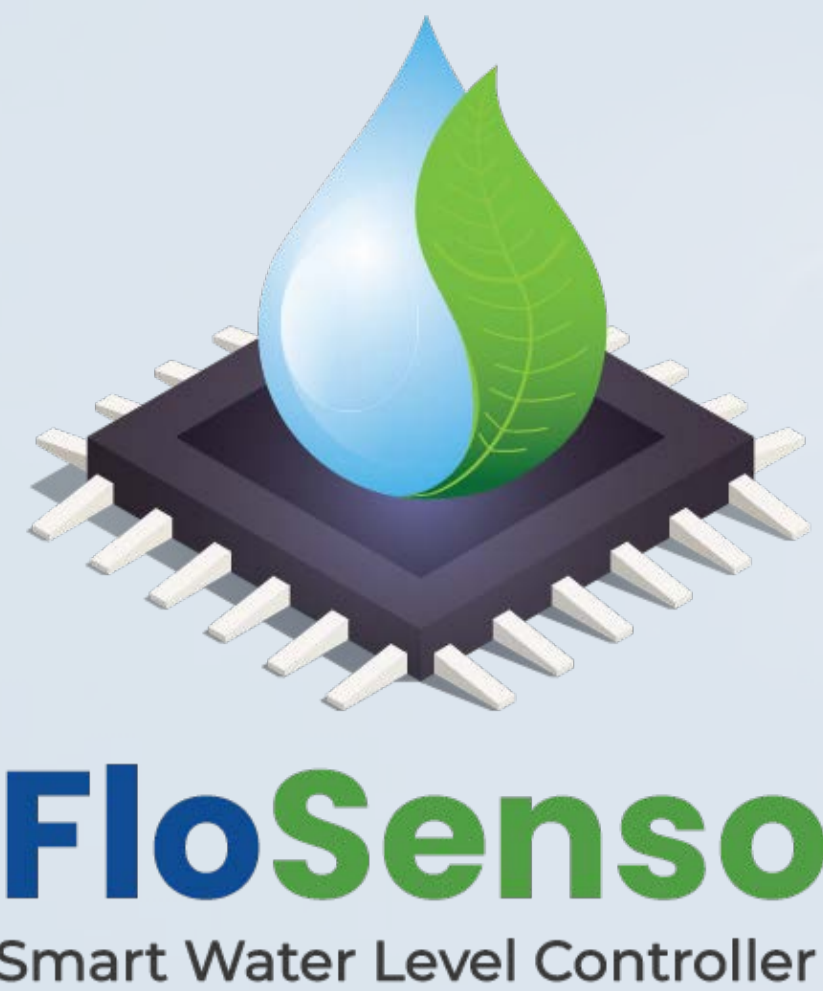
**Describe your Issue here**

**Add Screenshot/Image**

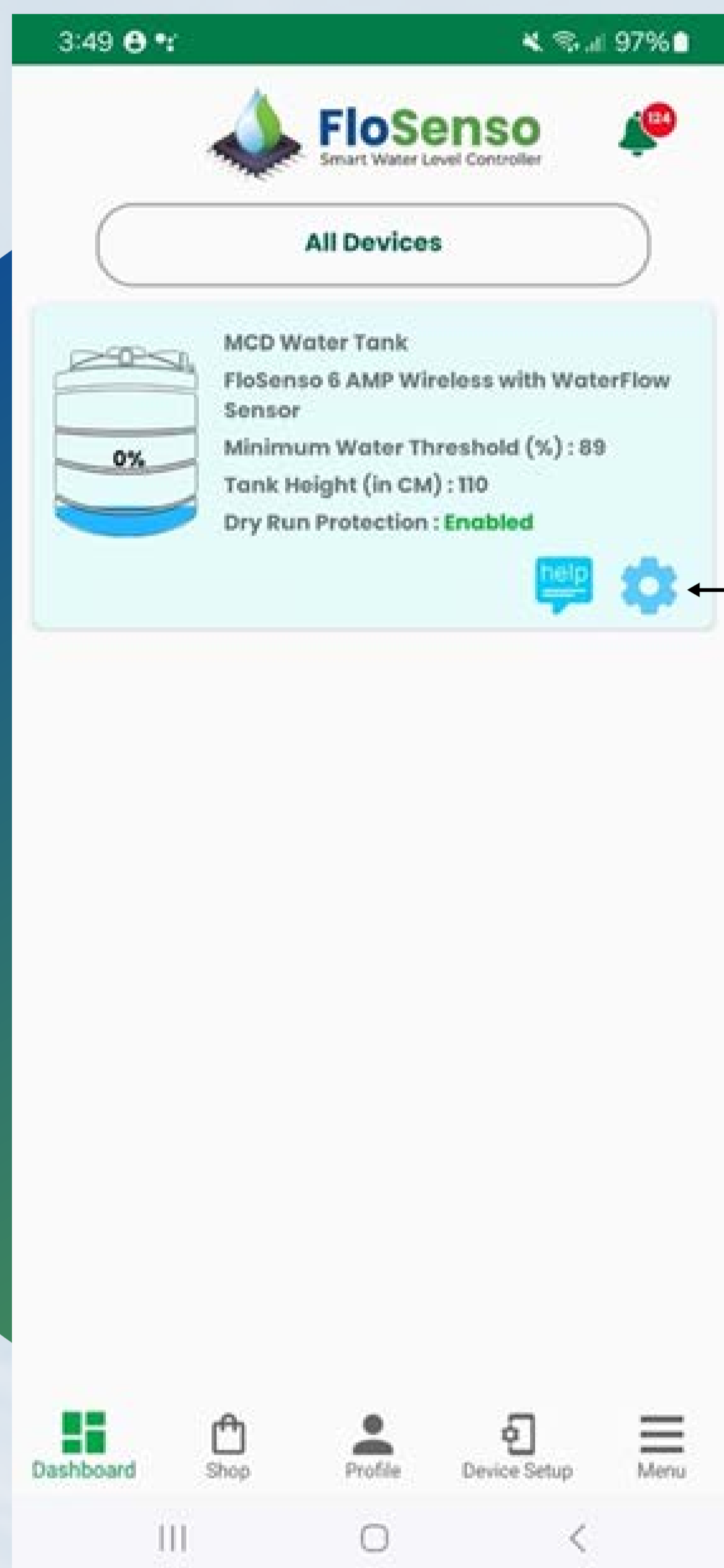
► Specify the issue type of your FloSenso product

**Select Warranty in Issue Type if Product is under warranty**

**Click on Others if product is out of warranty or you have any other concern**



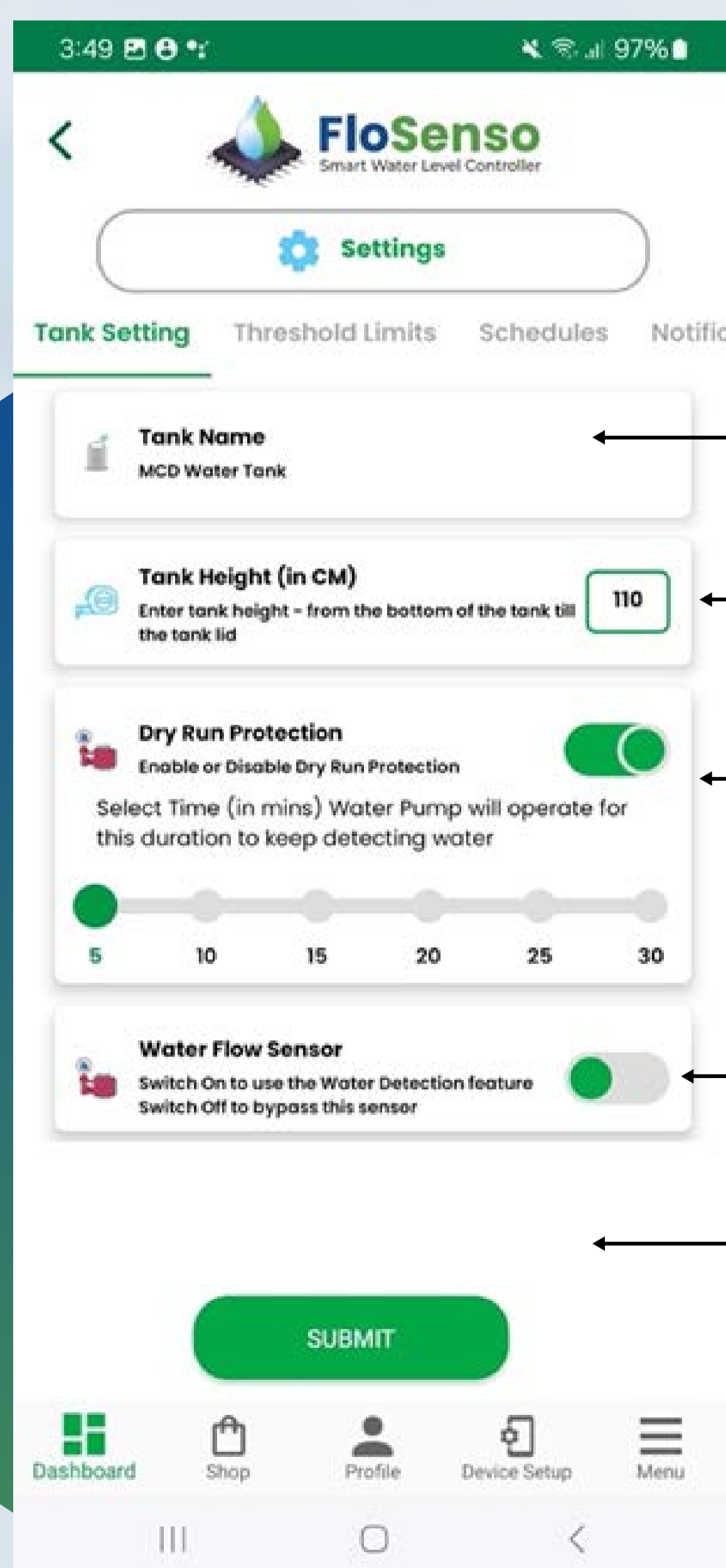
▶ You can now view the device details in the Dashboard/All Devices screen.



Click on the Settings icon for the following actions:

- Edit device detail/Change Tank Setting
- Set Threshold Limits
- Set Schedules
- Enable/Disable Notifications

▶ Enable/Disable Dry Run Protection and Set Dry Run Protection time



Tank Name

Tank Height

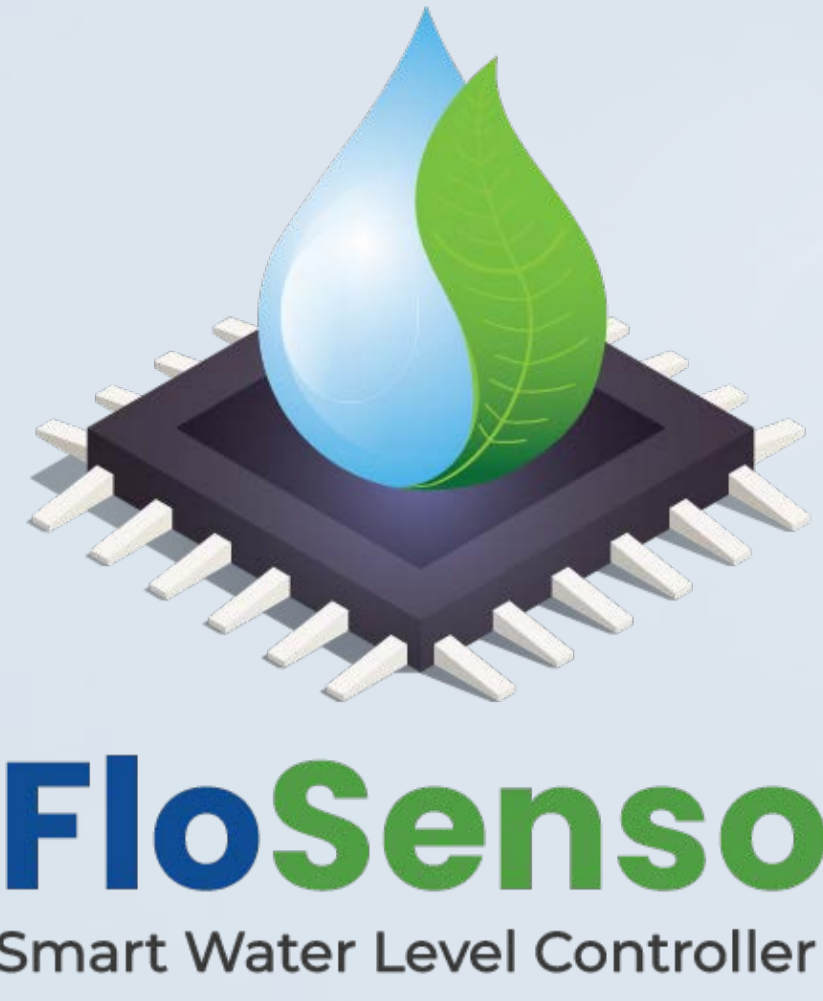
Dry Run Protection#

Line Sensor

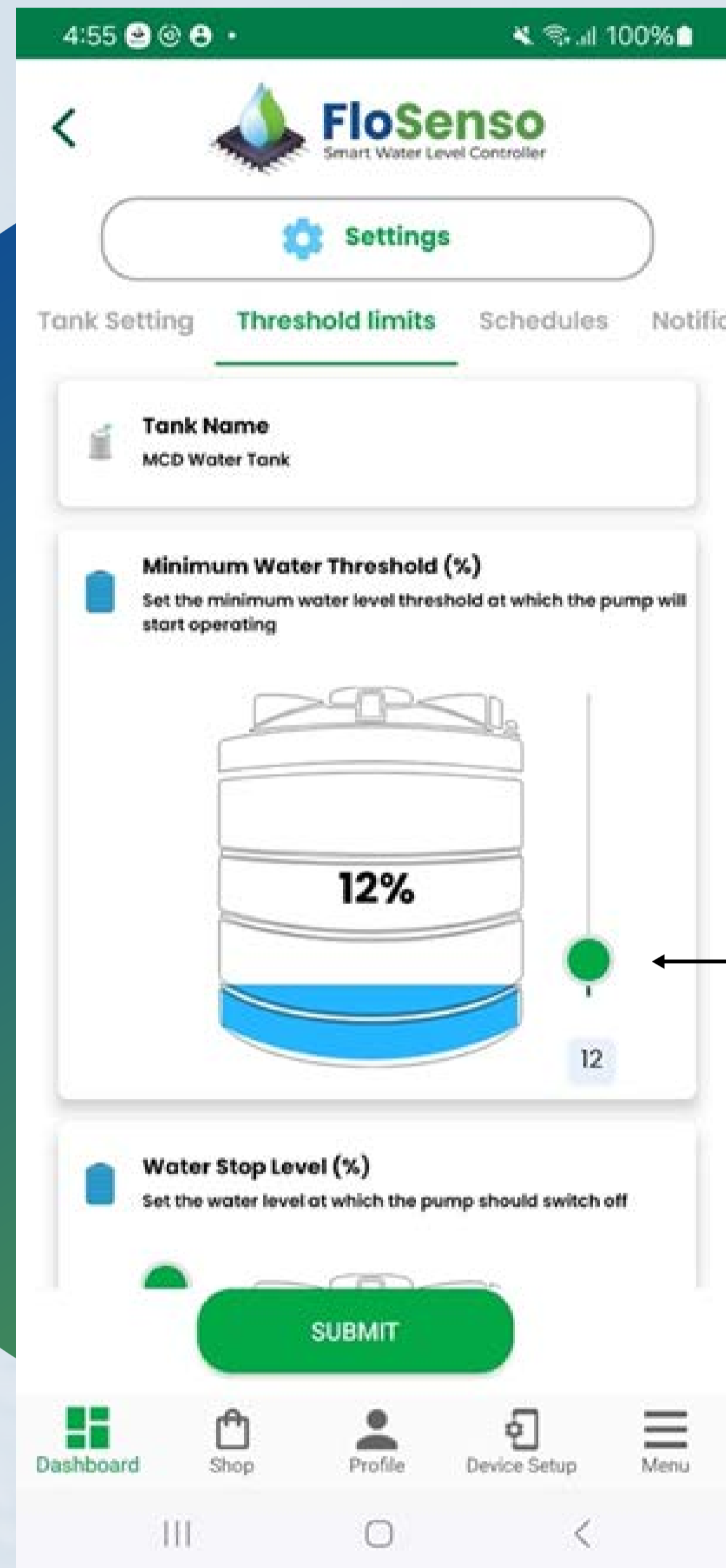
Click on submit to save details

\*\* Selection of longer duration for Dry Run Protection is not recommended.

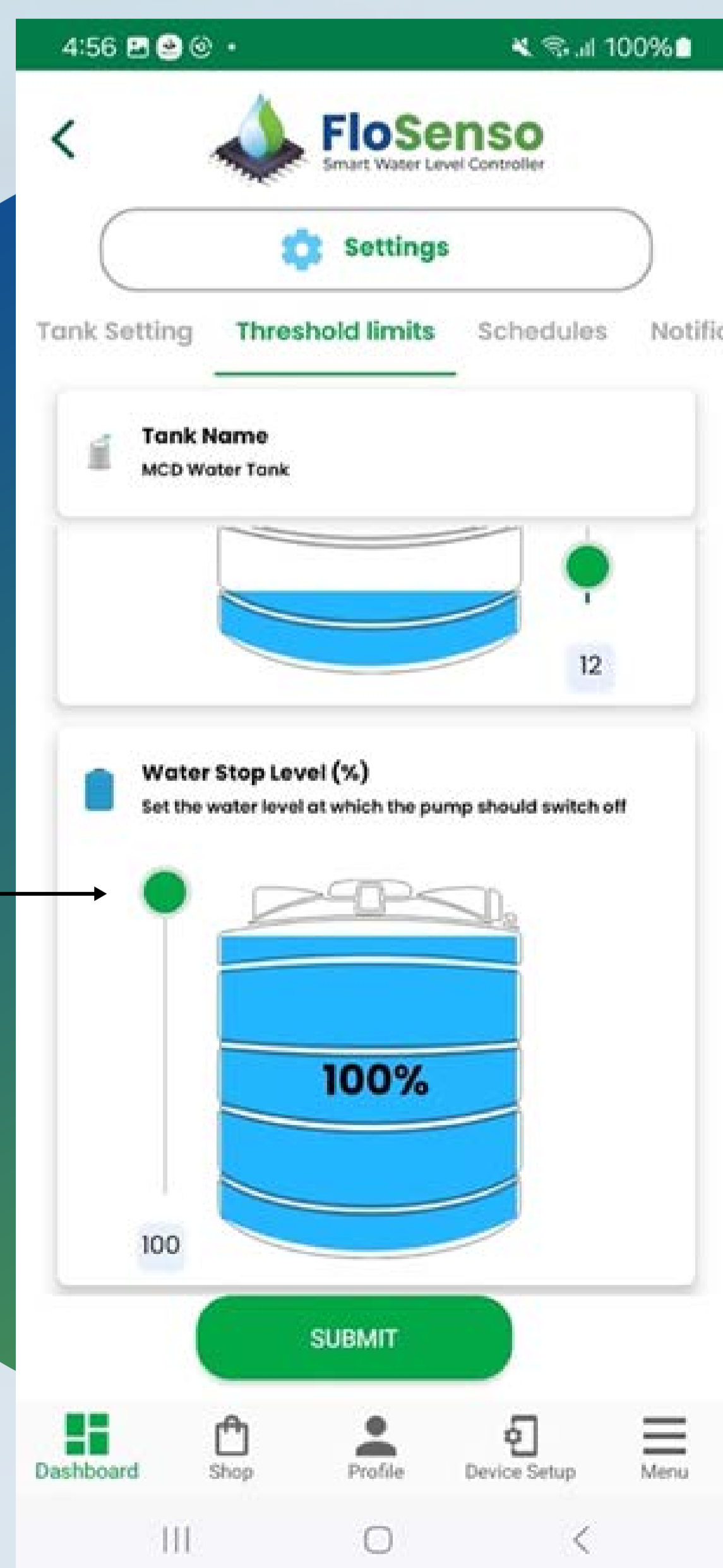
# Refer to Glossary at the end for more information



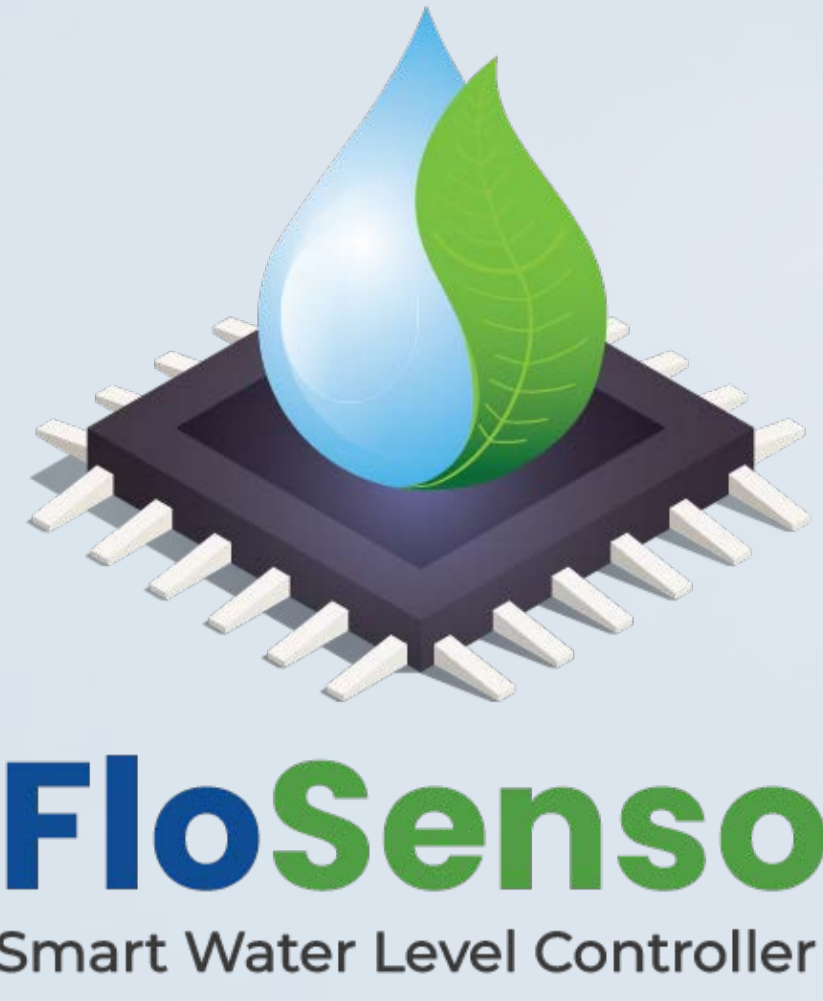
- ▶ Enable/ Disable Line Sensor (\*If Line Sensor variant is installed)



Minimum Water Threshold



Water Stop Level

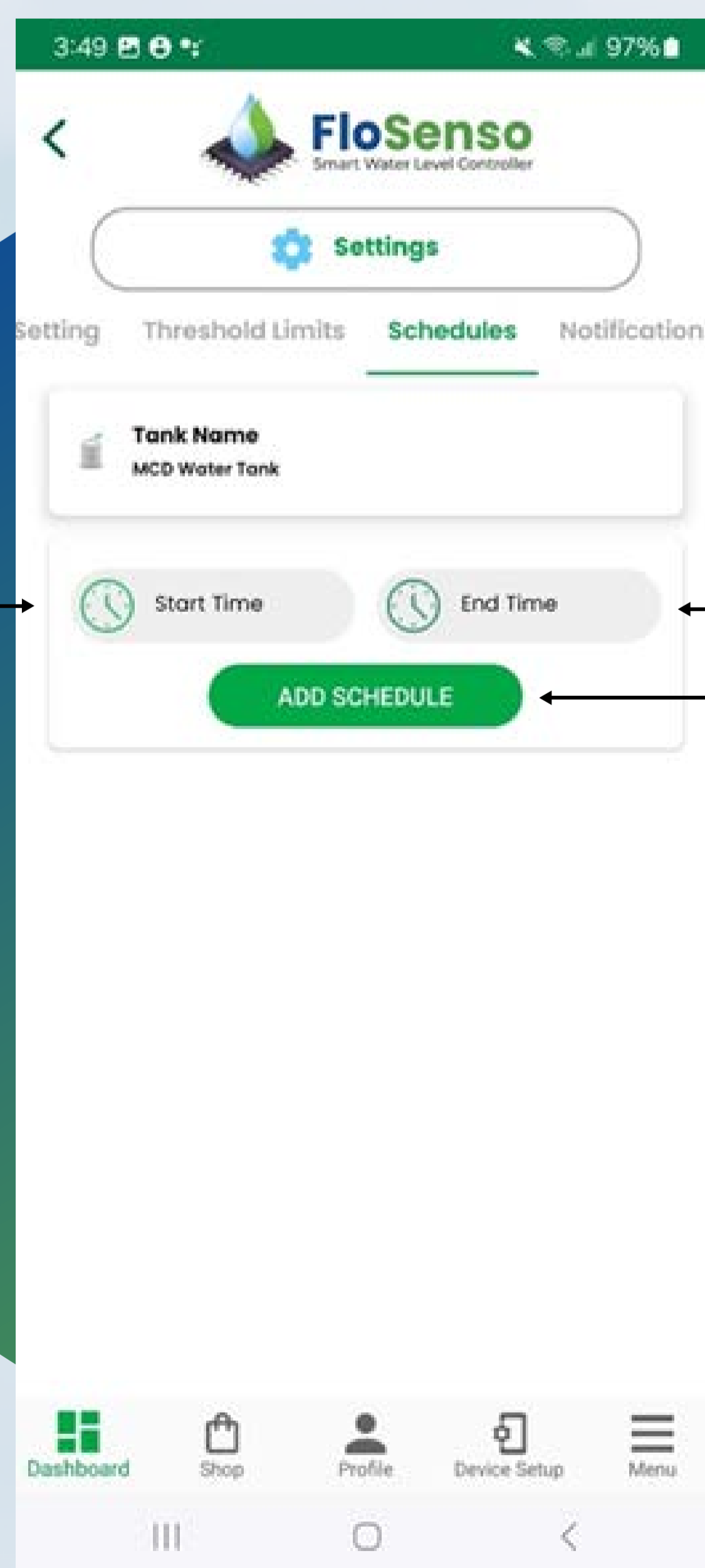


▶ Set Scheduler



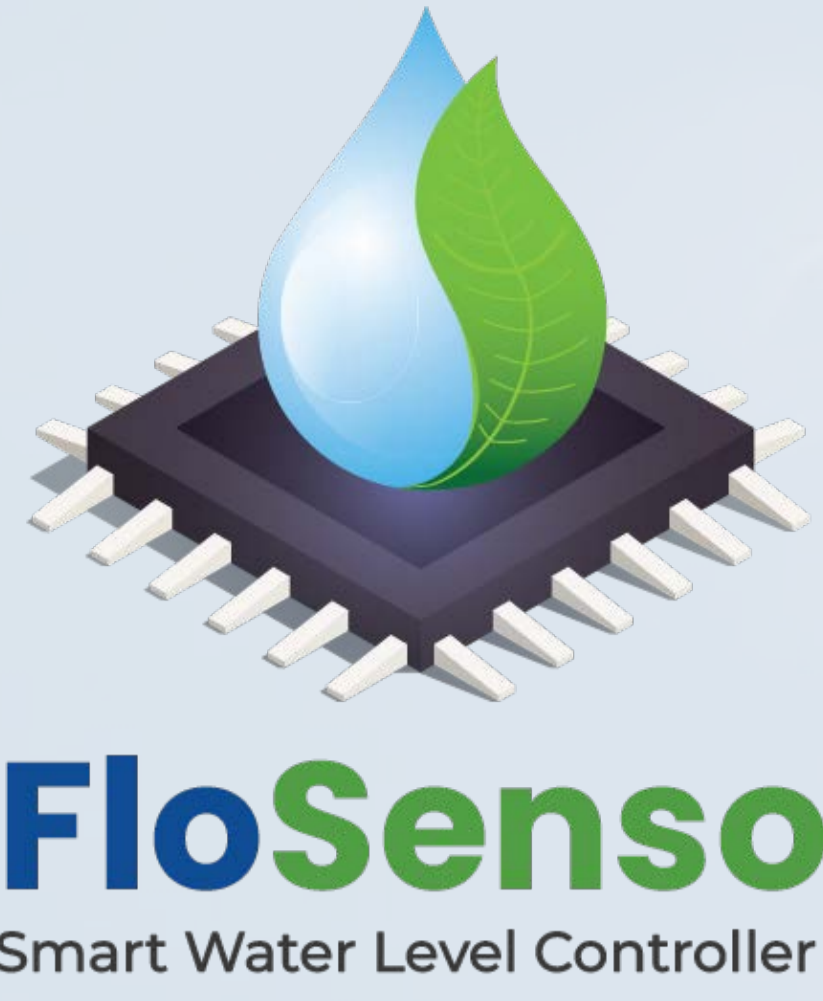
▶ Set Schedules

Set Water Pump Start Time (ON)

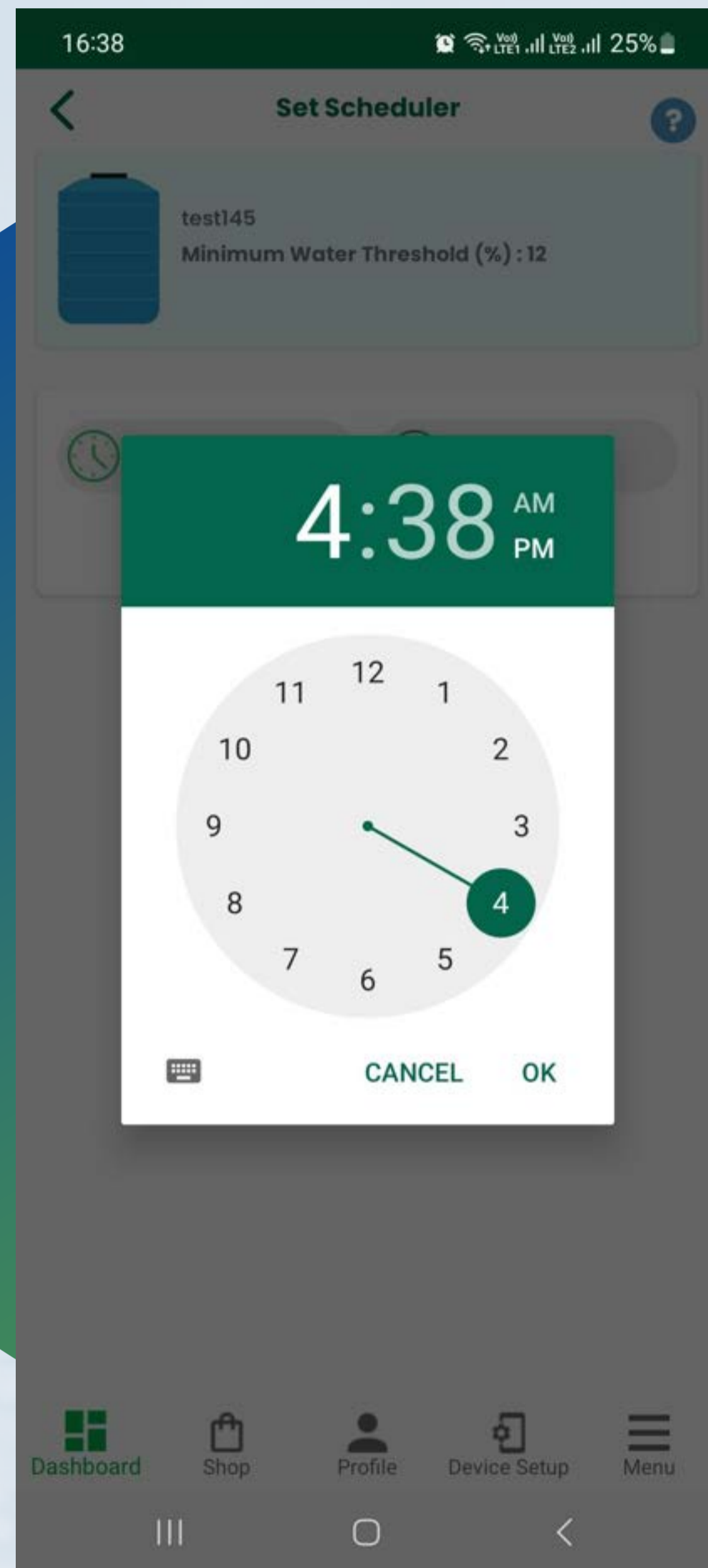


Set Water Pump Stop Time (OFF)

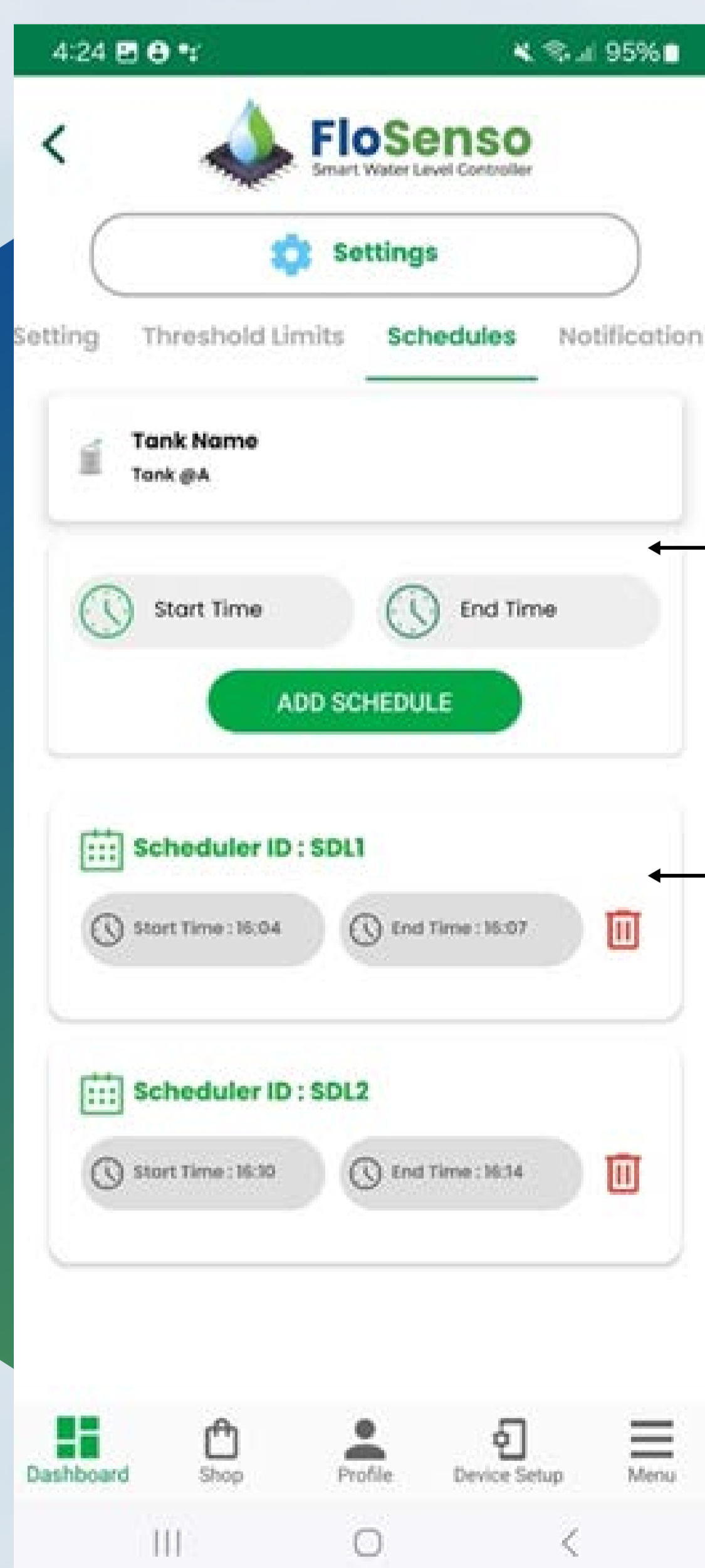
Add Schedule



► Set Scheduler

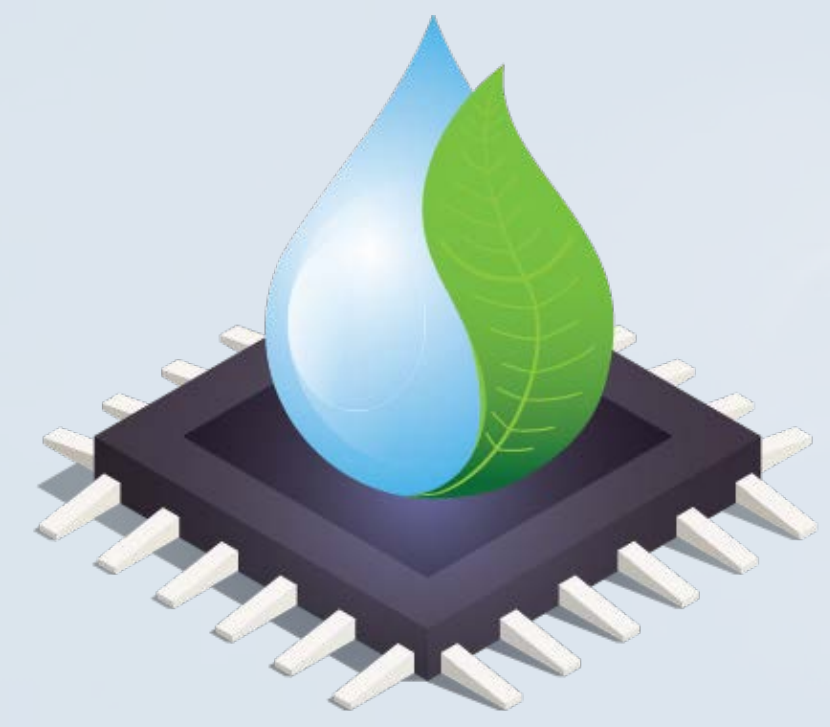


► Schedules set successfully



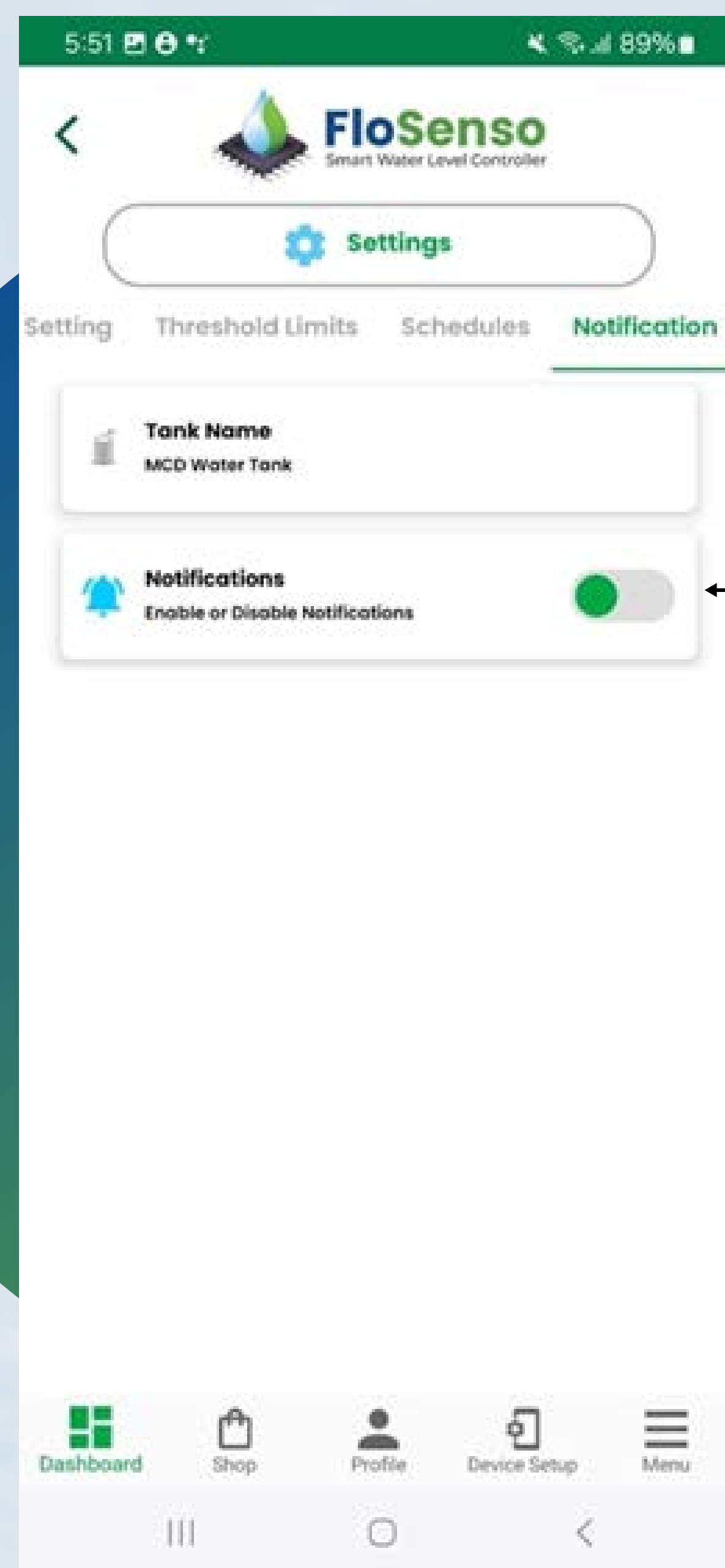
Schedule has been set successfully

A  
Maximum of 3 schedules can be set

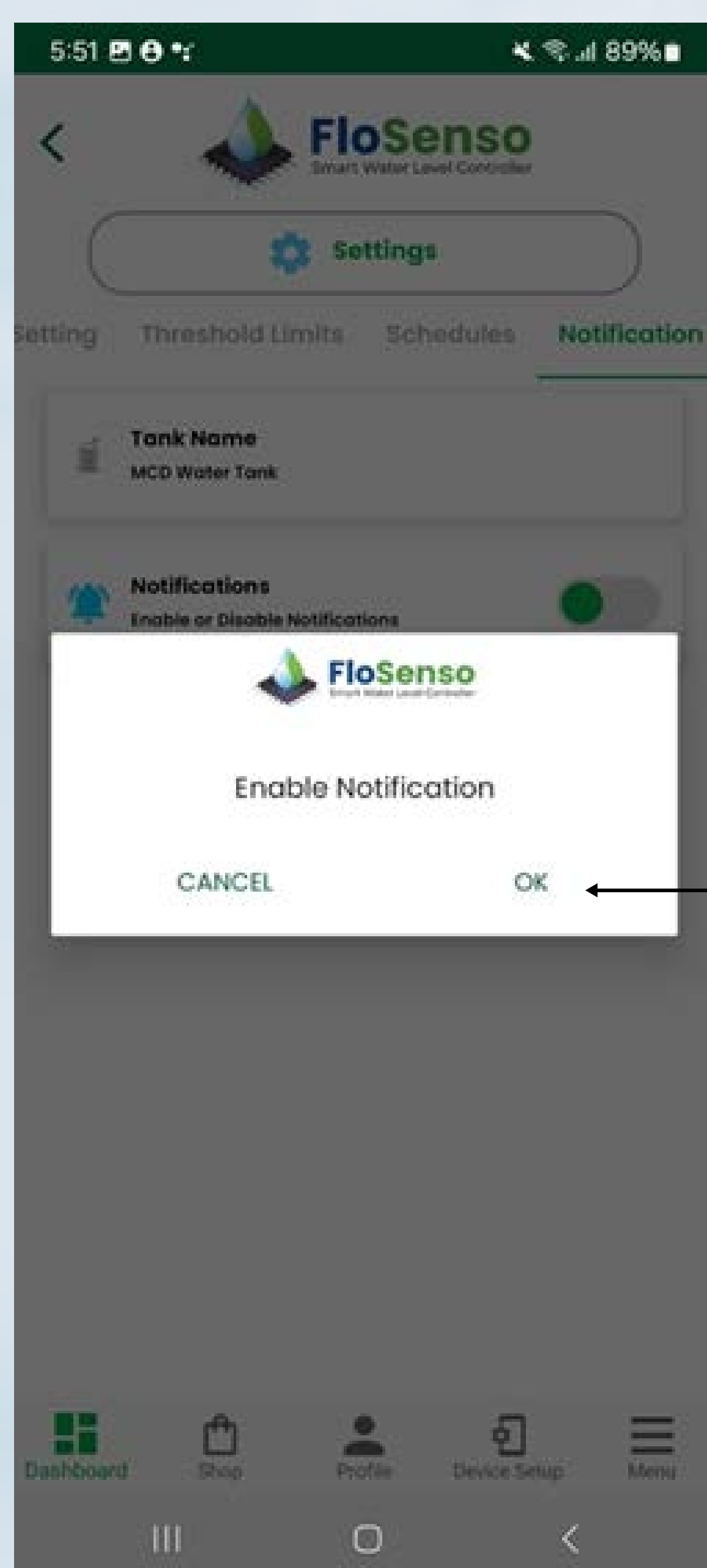


**FloSenso**  
Smart Water Level Controller

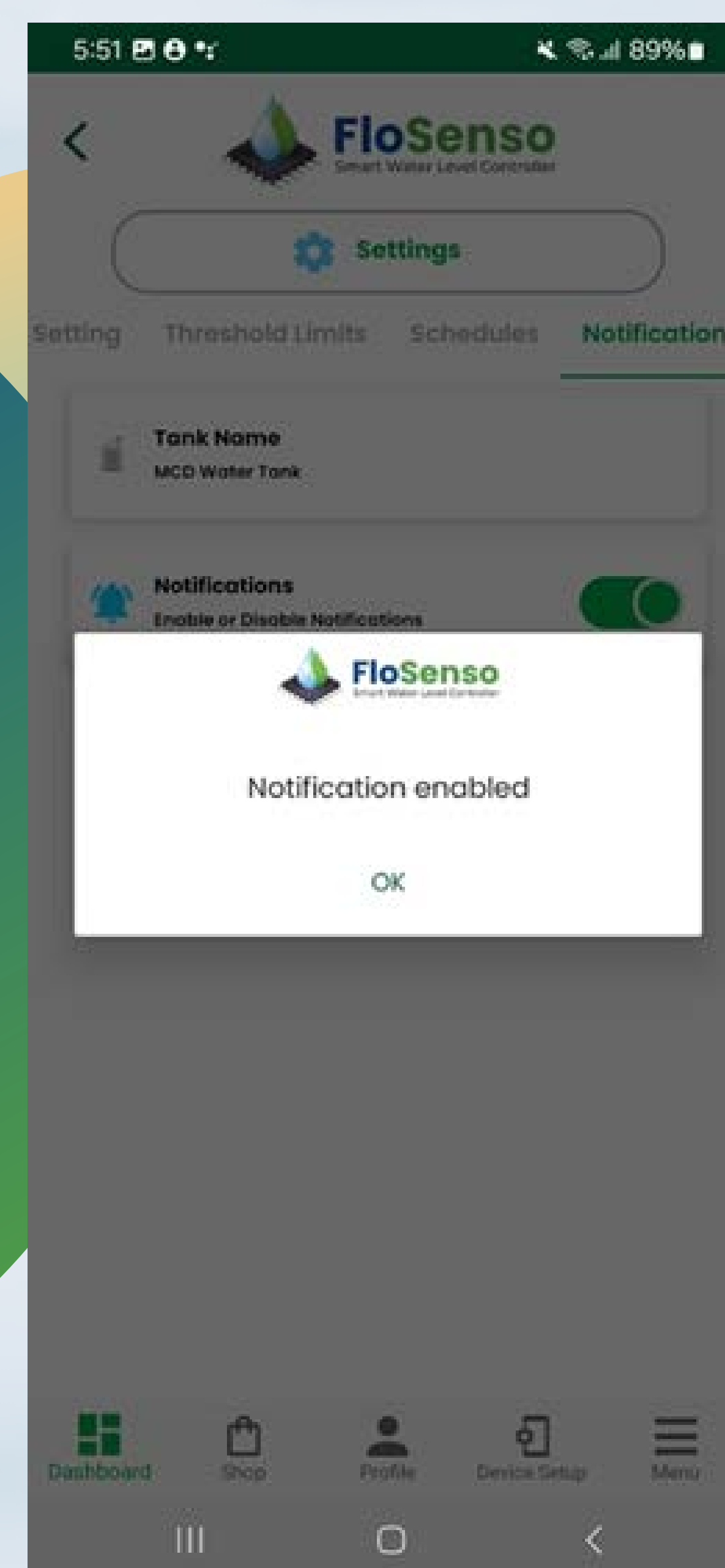
► Enable Notifications



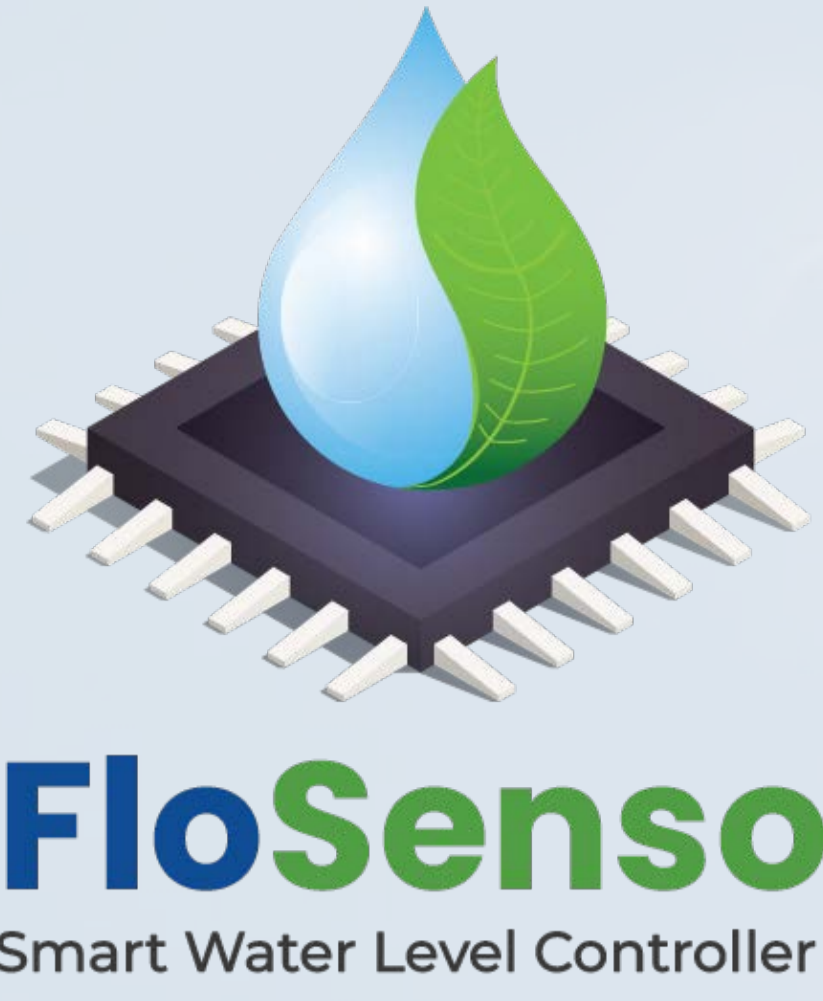
Notifications turned OFF. Click on the button to turn it ON.



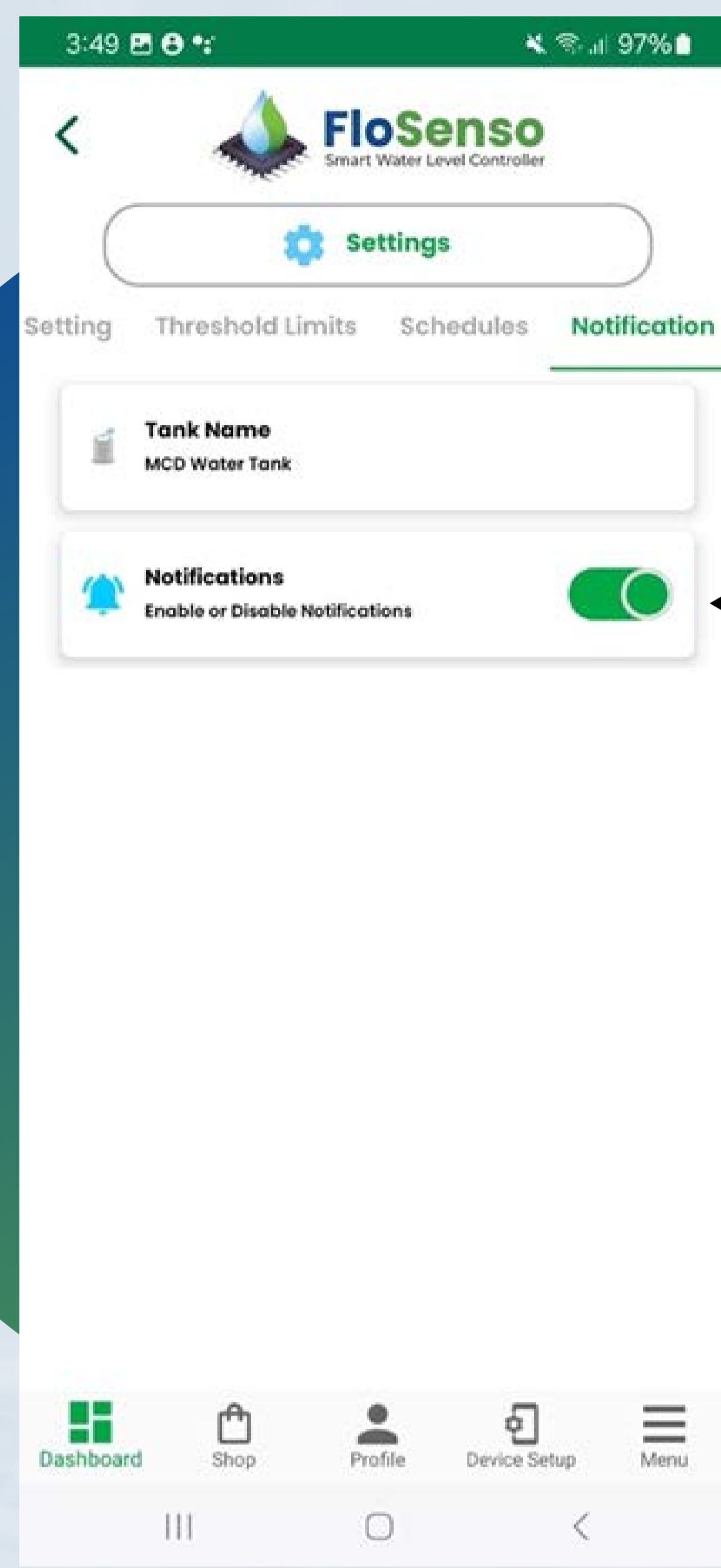
Click OK to Enable Notifications



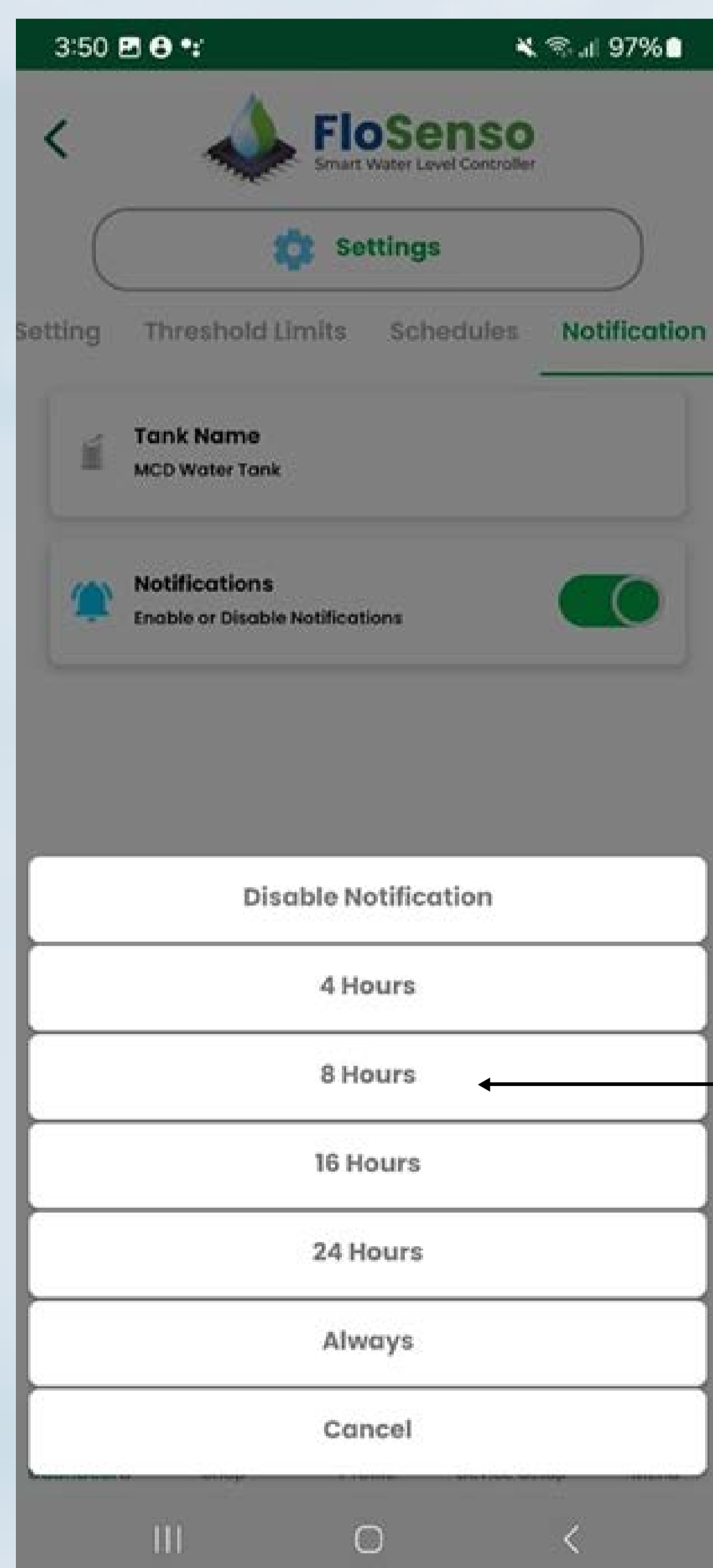




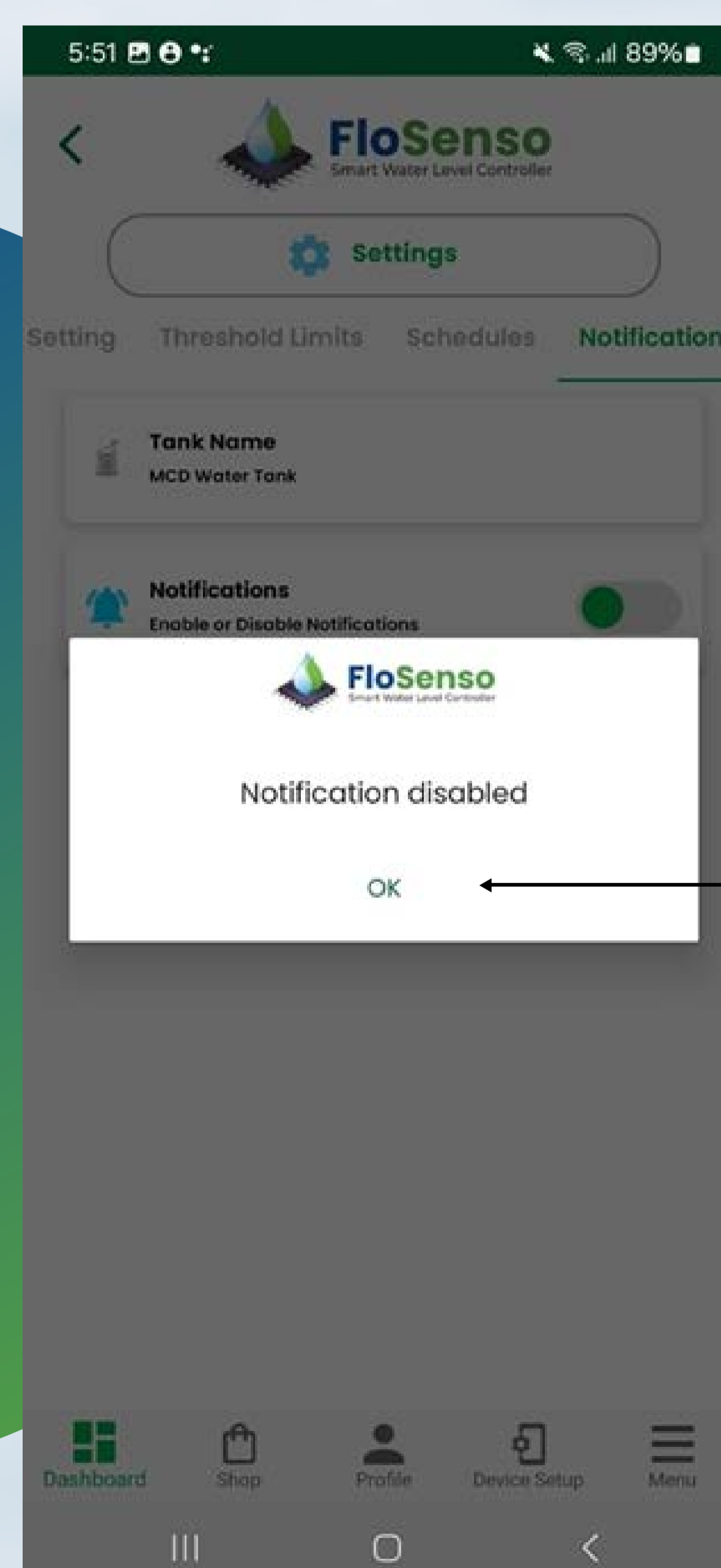
► Disable Notifications



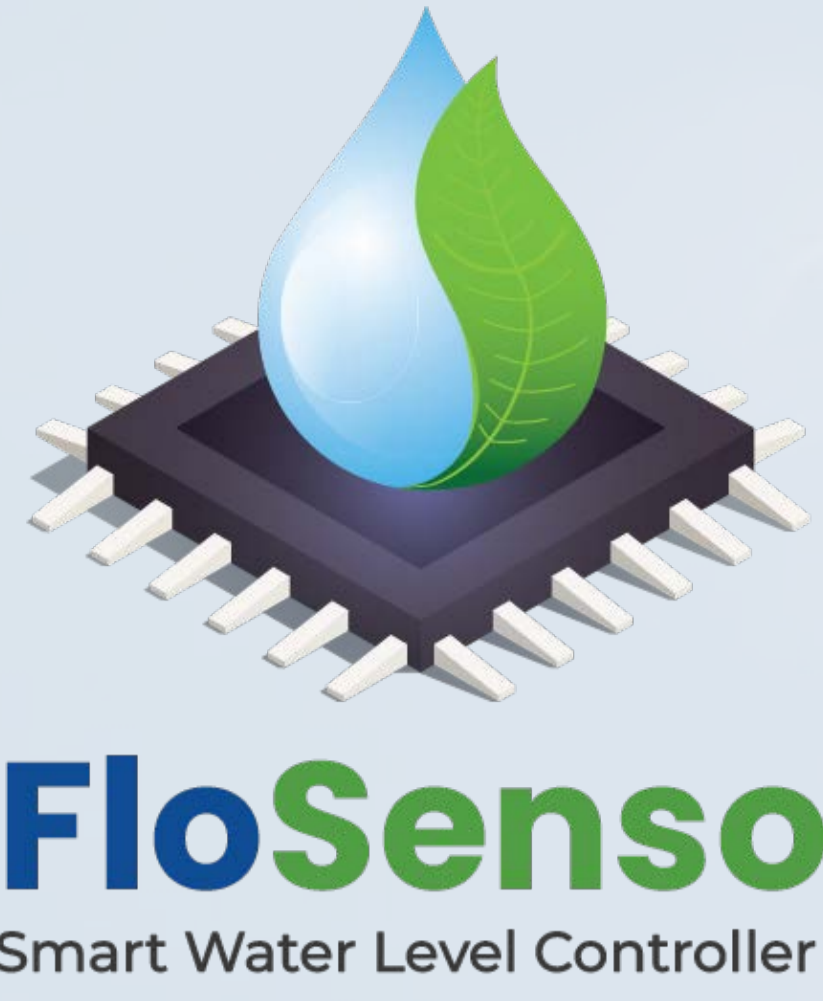
Notifications turned ON. Click on the button to turn it OFF.



Select duration for which you wish to disable notifications.

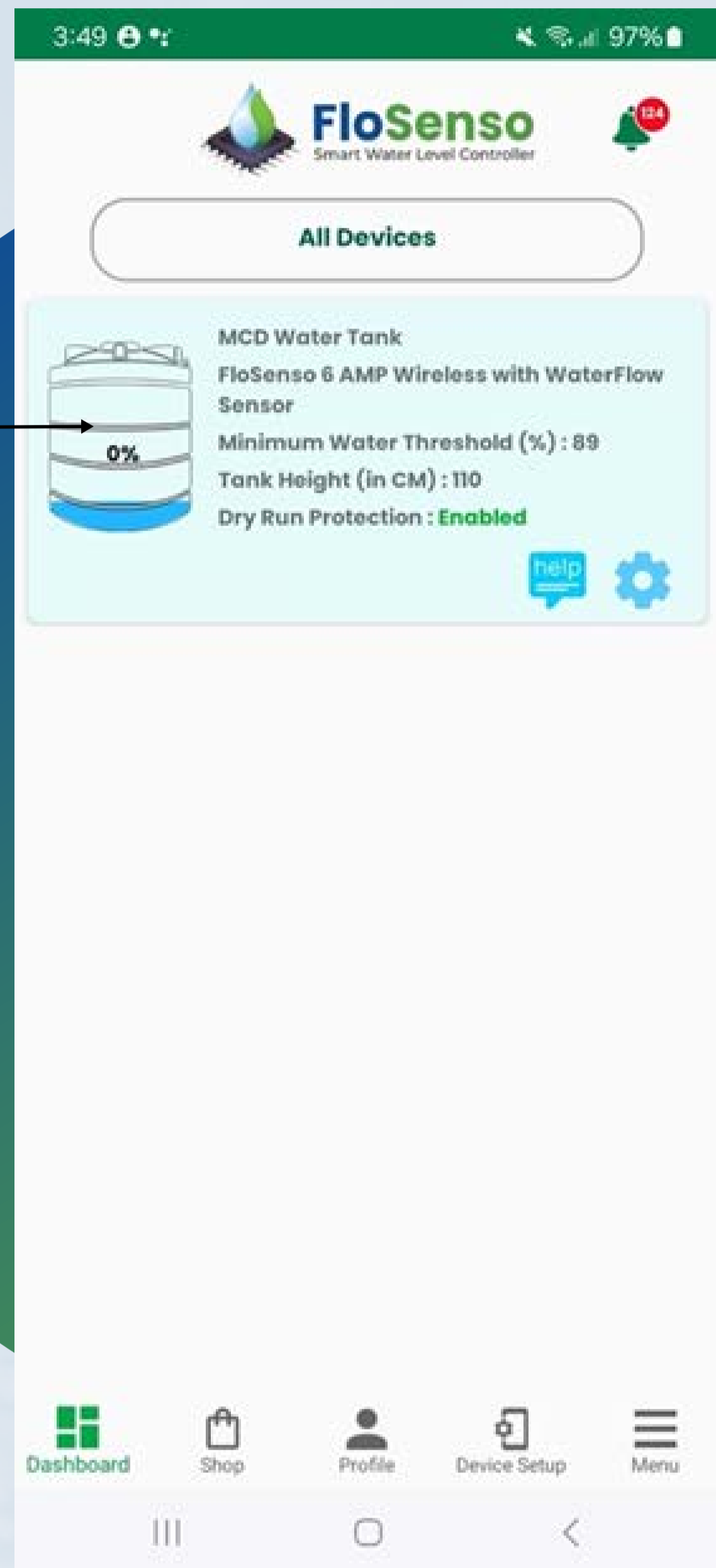


Click here to disable



▶ All Devices Dashboard

Click on the Tank to open tank overview

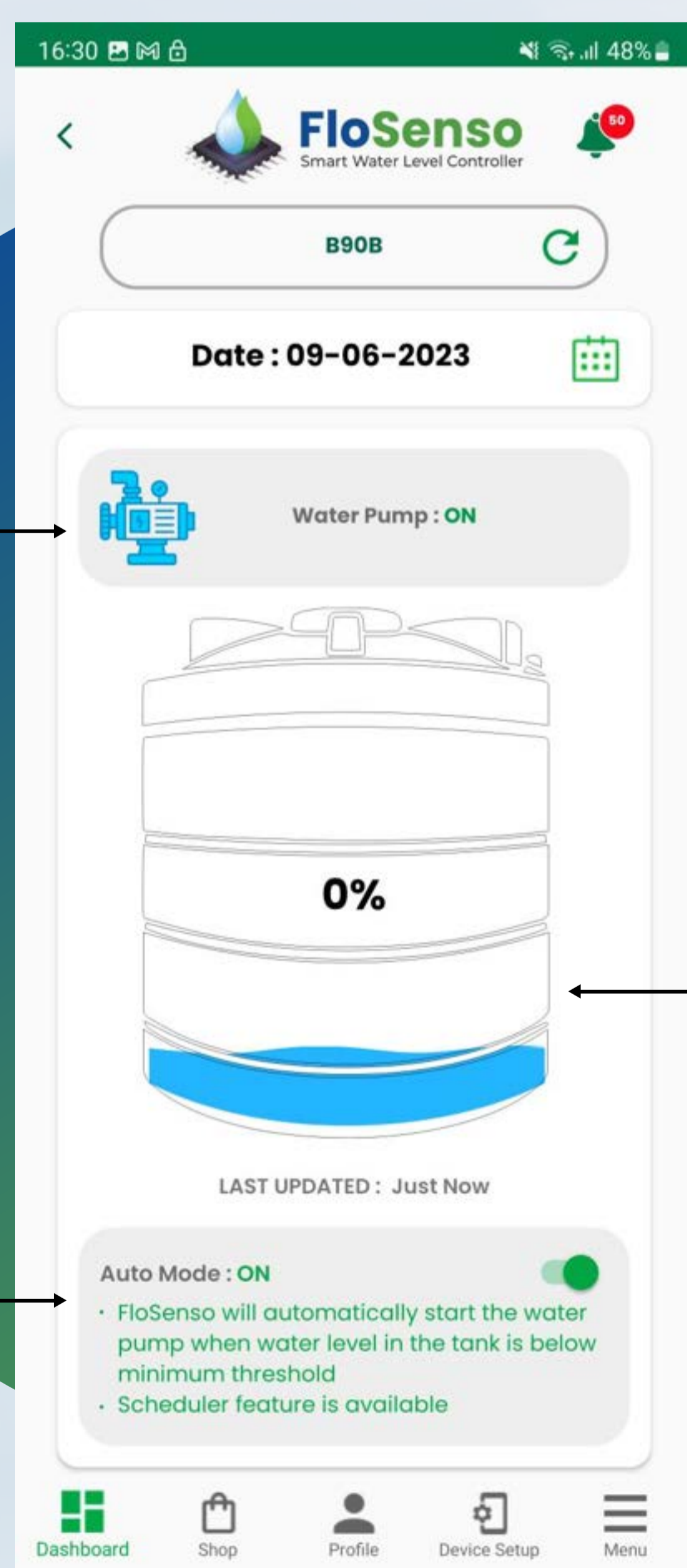


▶ Tank Overview Dashboard

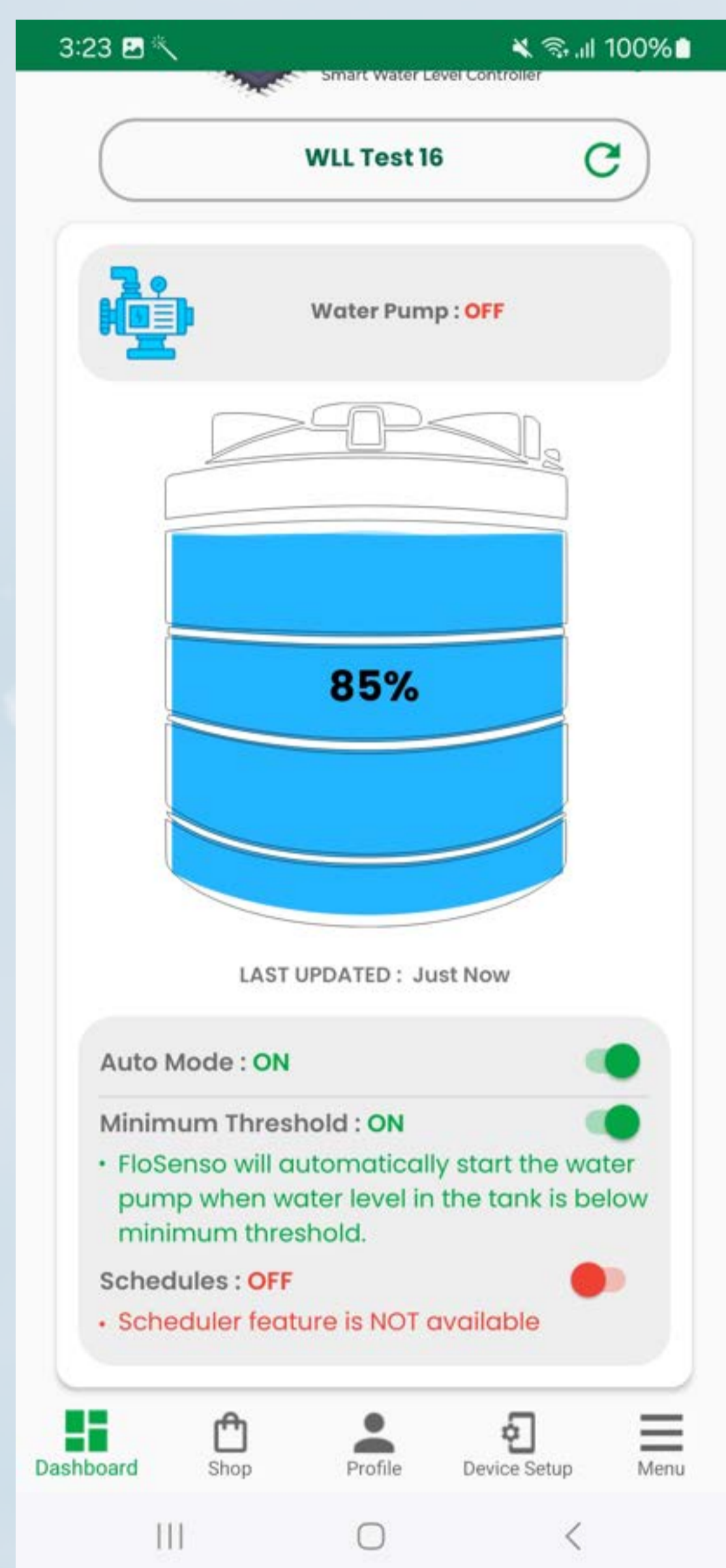
Water Pump Power Status

Water Pump in Auto Mode

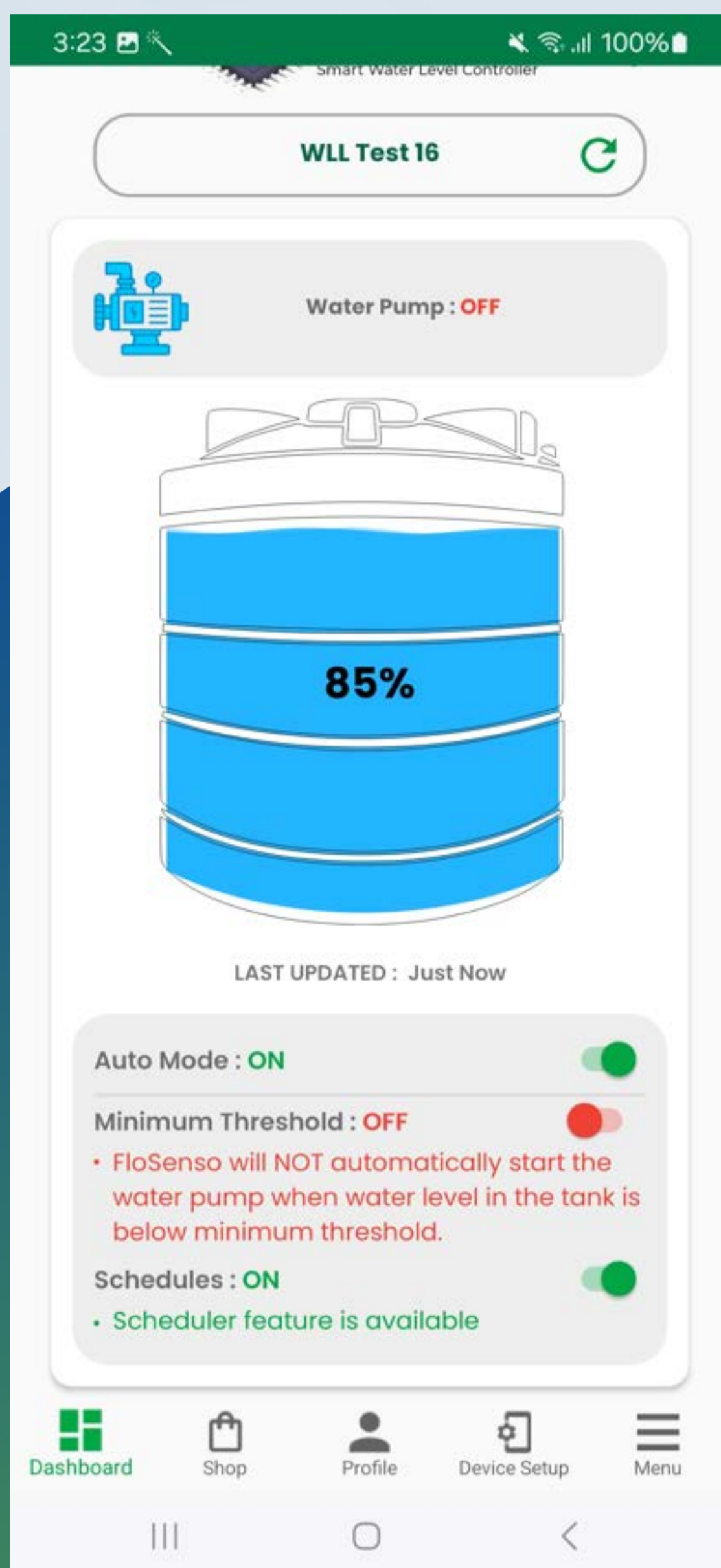
Water Tank Level



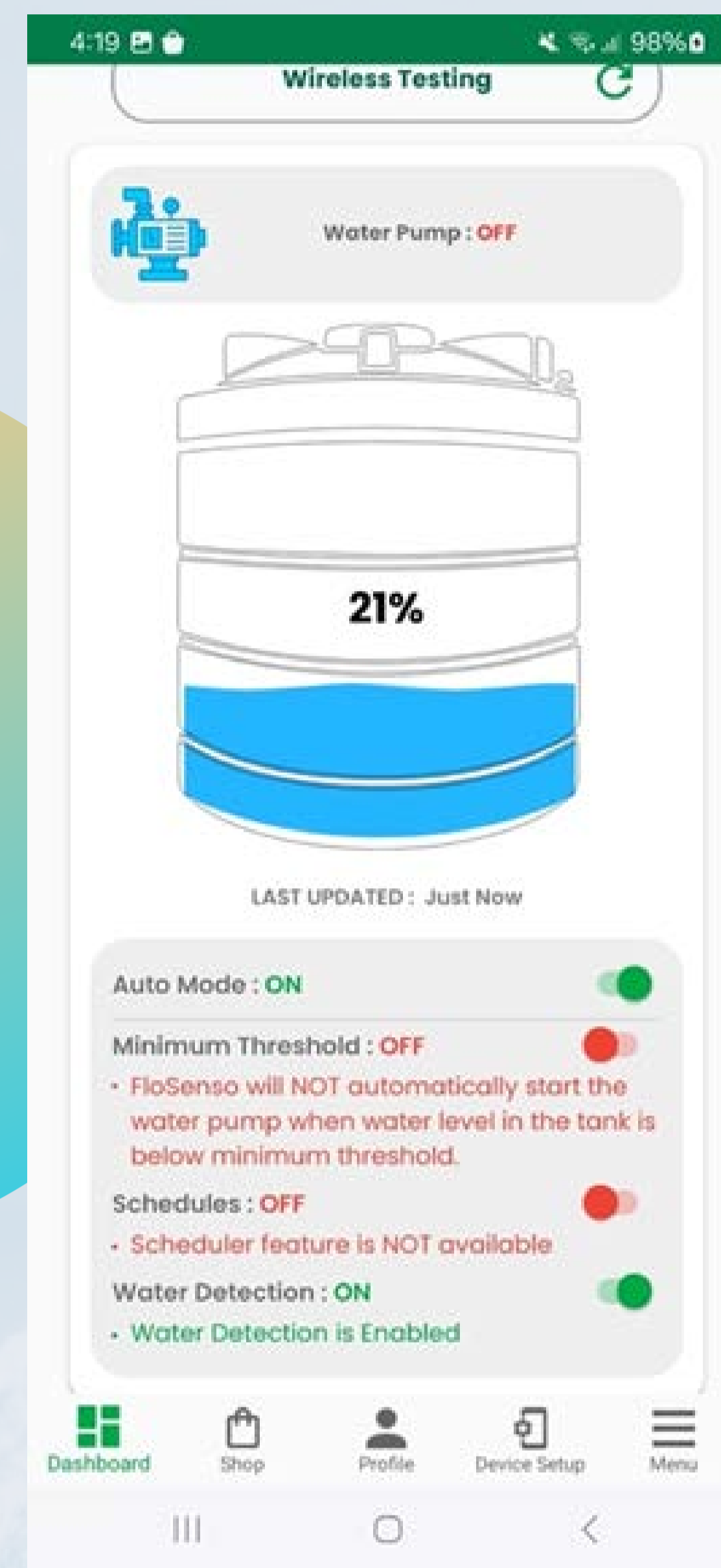
▶ Auto Mode ON



If you want to operate the pump on the Minimum Threshold, switch off the Schedules.

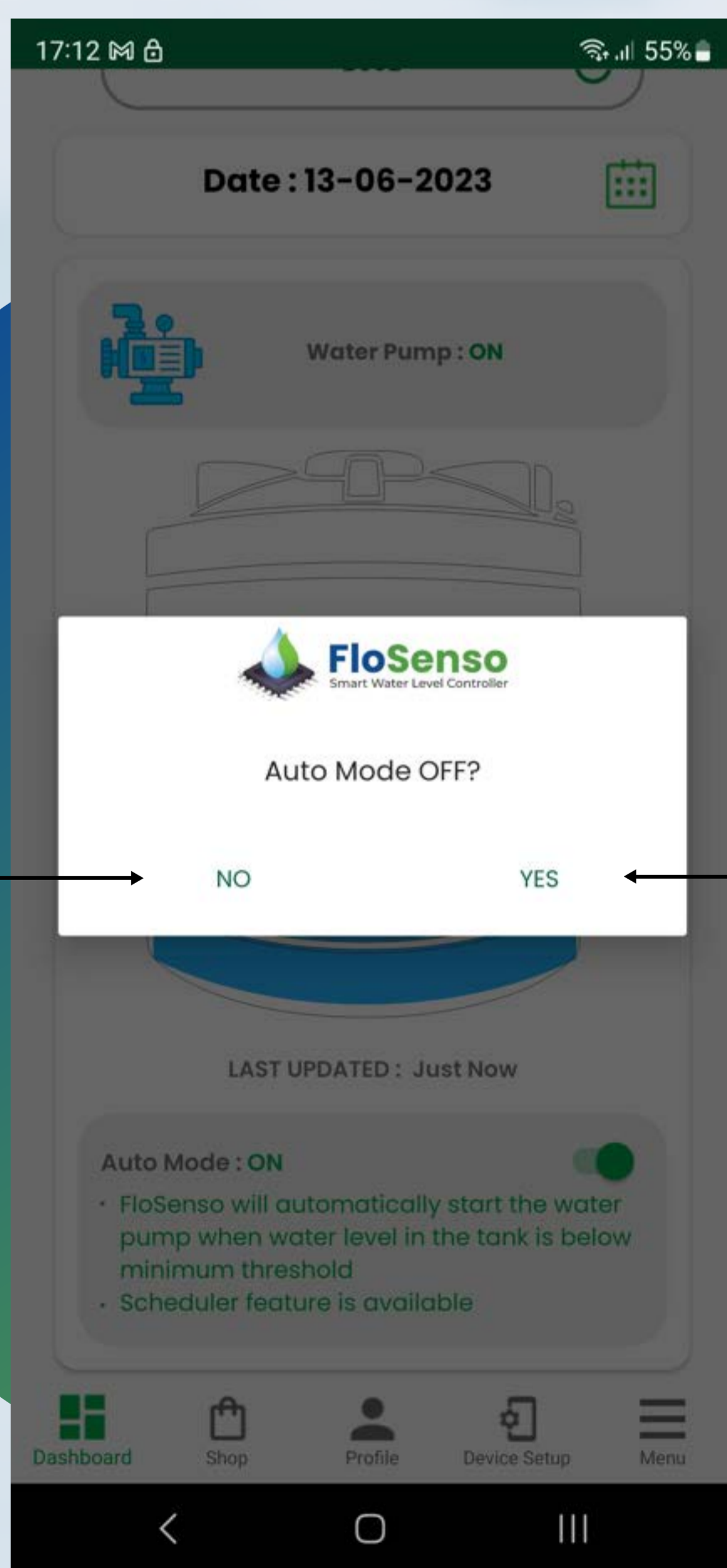


If you want to operate the pump as per the Schedules set, switch off the Minimum Threshold.



If you want to operate the pump on the detection of water in the main water supply, switch on the Water Detection. (\* If Line Sensor variant is installed)

▶ Switching to Auto mode OFF

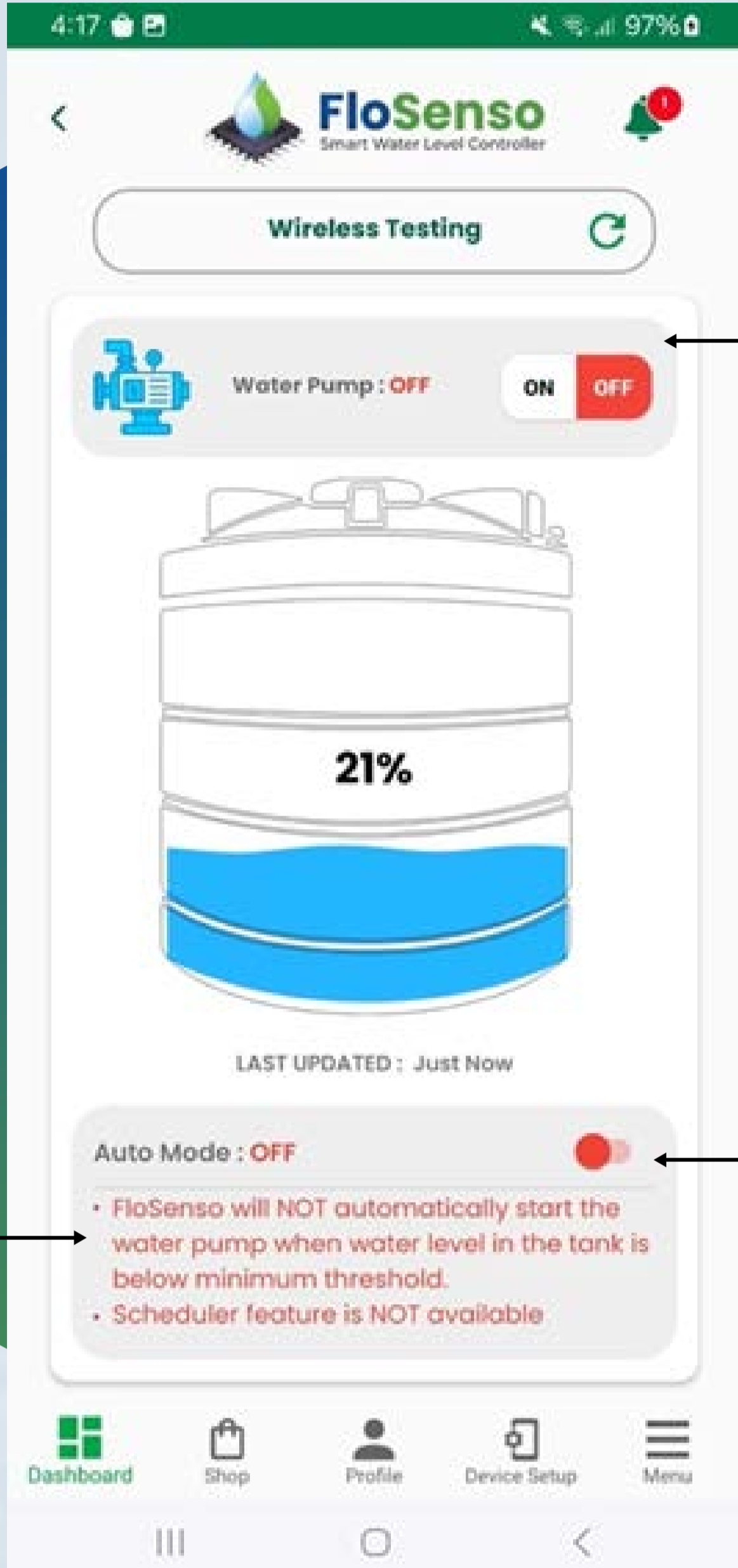


Click "NO" to keep FloSenso in Auto Mode OFF

Click "YES" to turn Auto Mode OFF

Note - If you do not have a permanent Wi-Fi or internet connection in the FloSenso installation premises, then keep the FloSenso device in AUTO mode ON. FloSenso will work in AUTO mode ON without internet. It will turn the water pump ON if water level is below minimum threshold, and turn the water pump OFF when tank is full . AUTO mode OFF requires an internet connectivity to operate. If there is no internet, you cannot turn the water pump ON/OFF manually.

▶ Auto Mode OFF



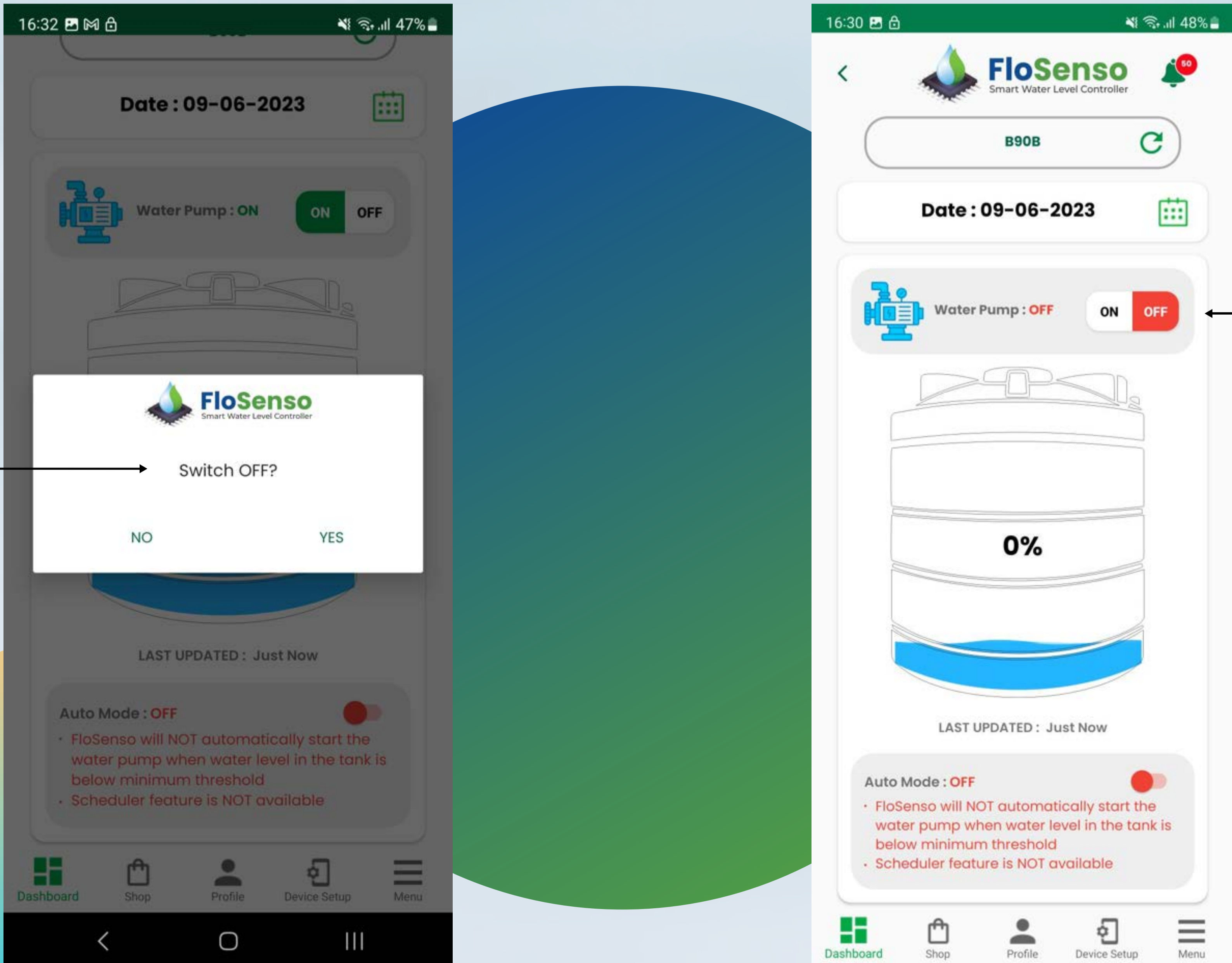
**Water Pump Status : OFF**

**Auto Mode is OFF.**

FloSenso will NOT switch water pump ON/OFF based on the Minimum water level

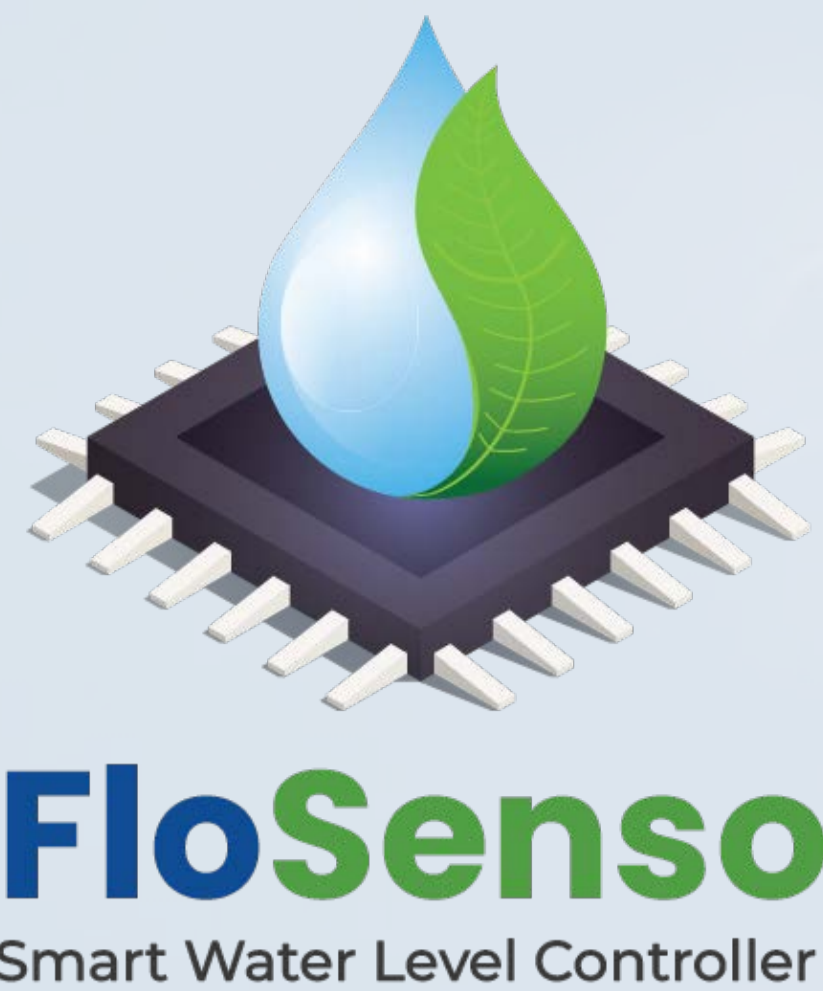
Scheduler feature is not available in Auto Mode OFF.

▶ Turn Water pump ON/OFF

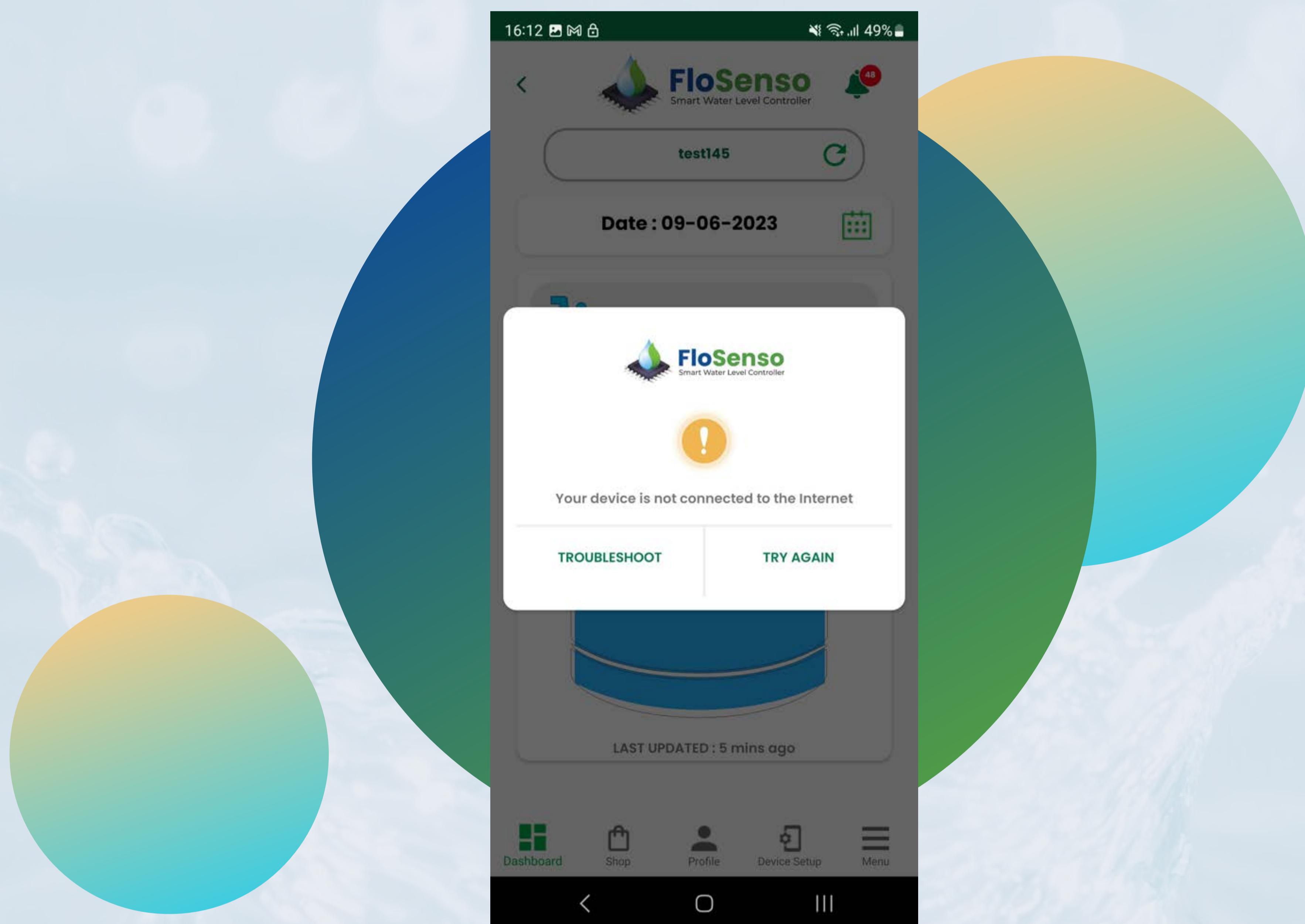


**Select "YES" to Switch OFF the Water Pump**

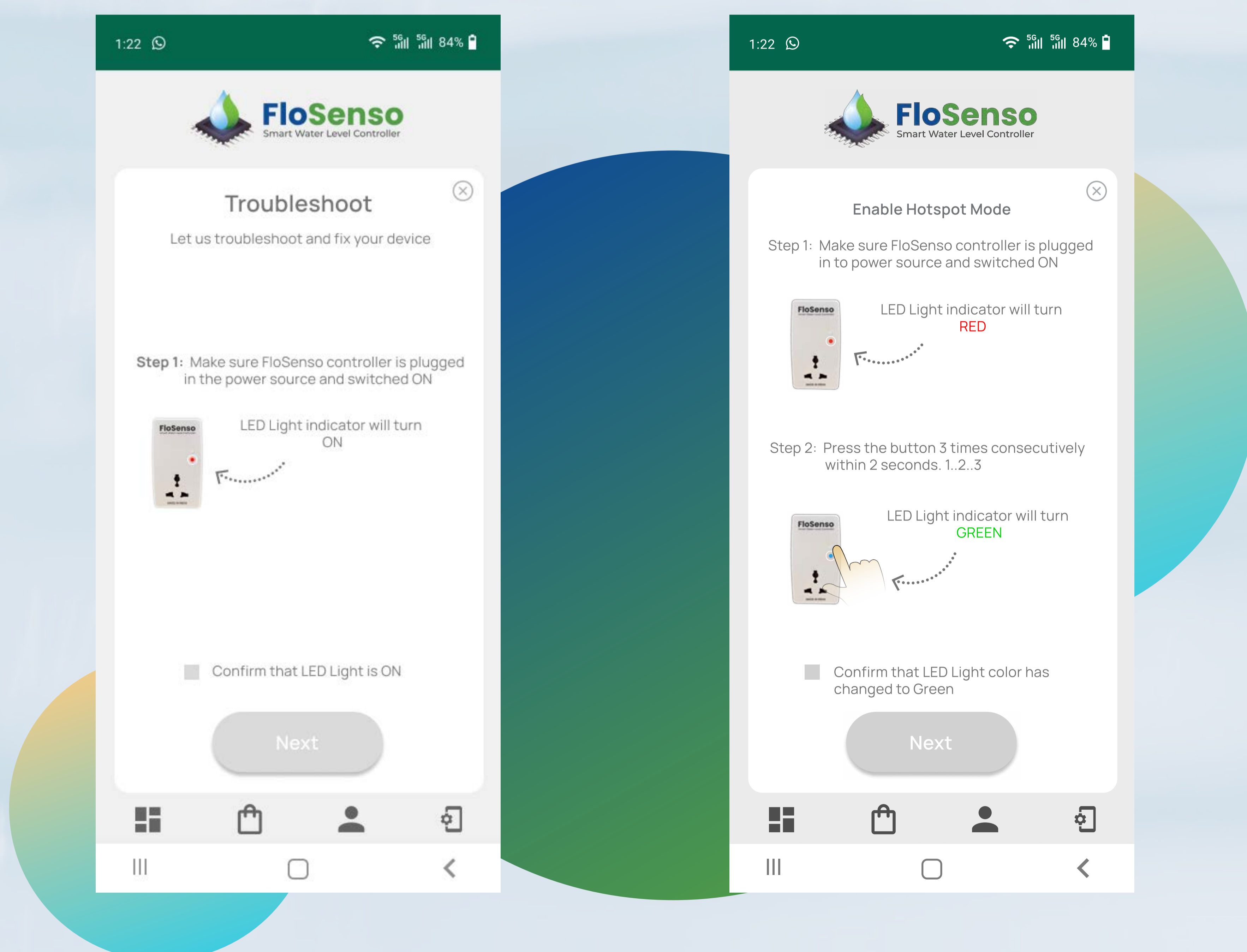
**Water Pump Status OFF**

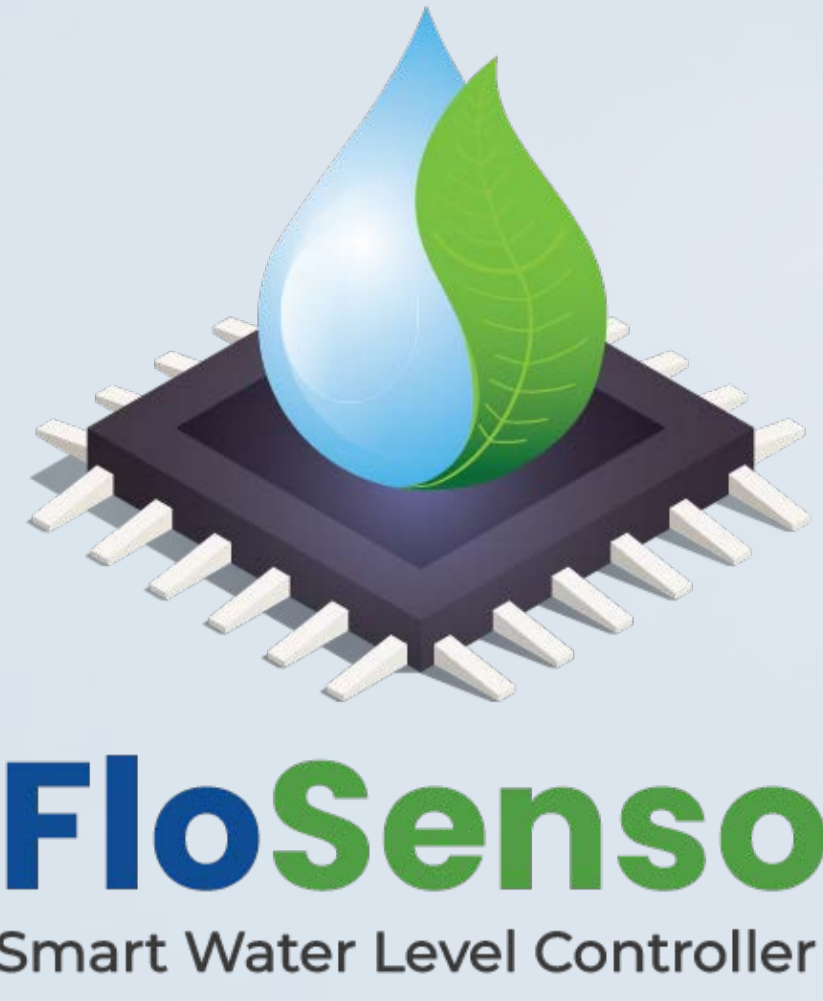


► Troubleshooting - Not Connected to the Internet

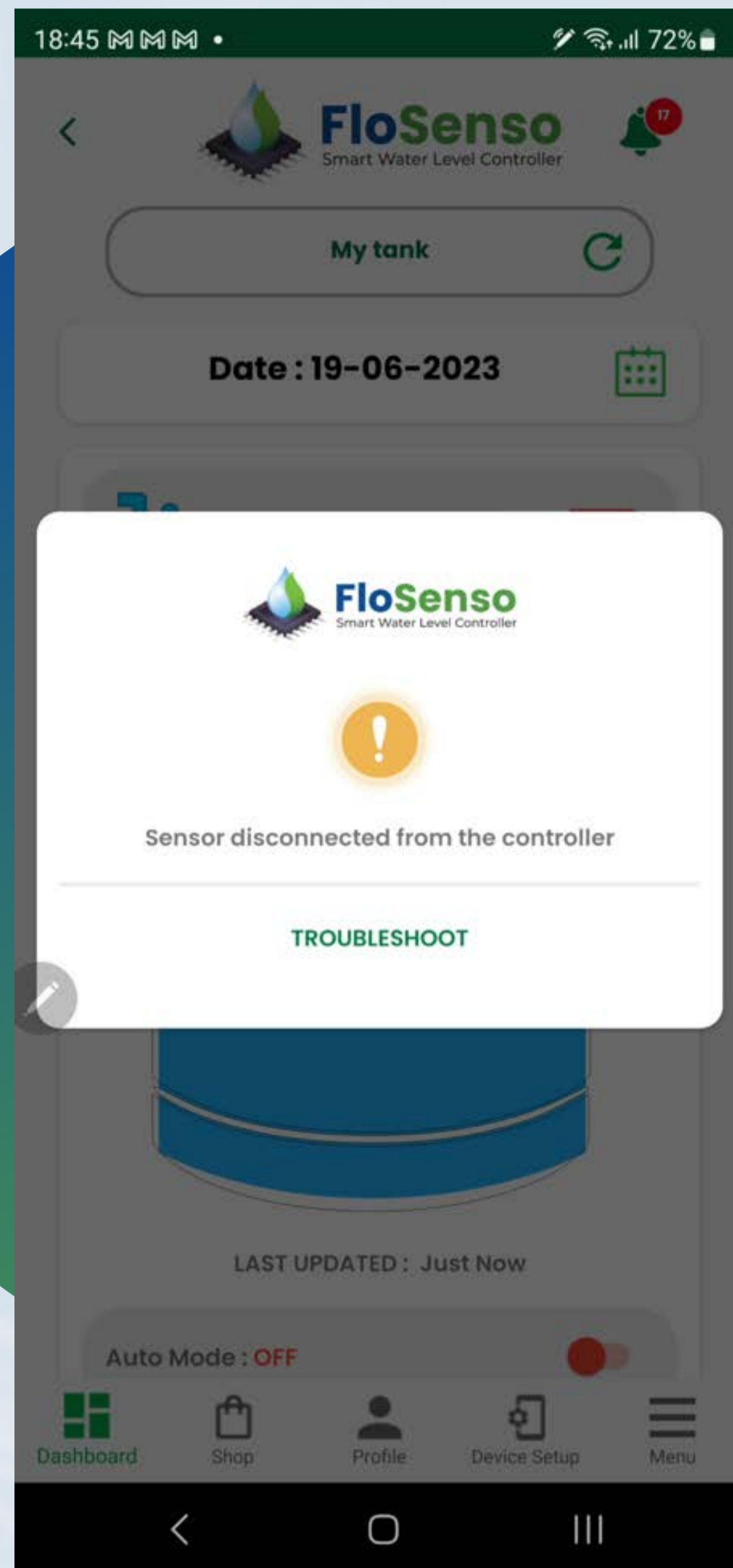


► Troubleshooting - Follow the steps to resolve the issue



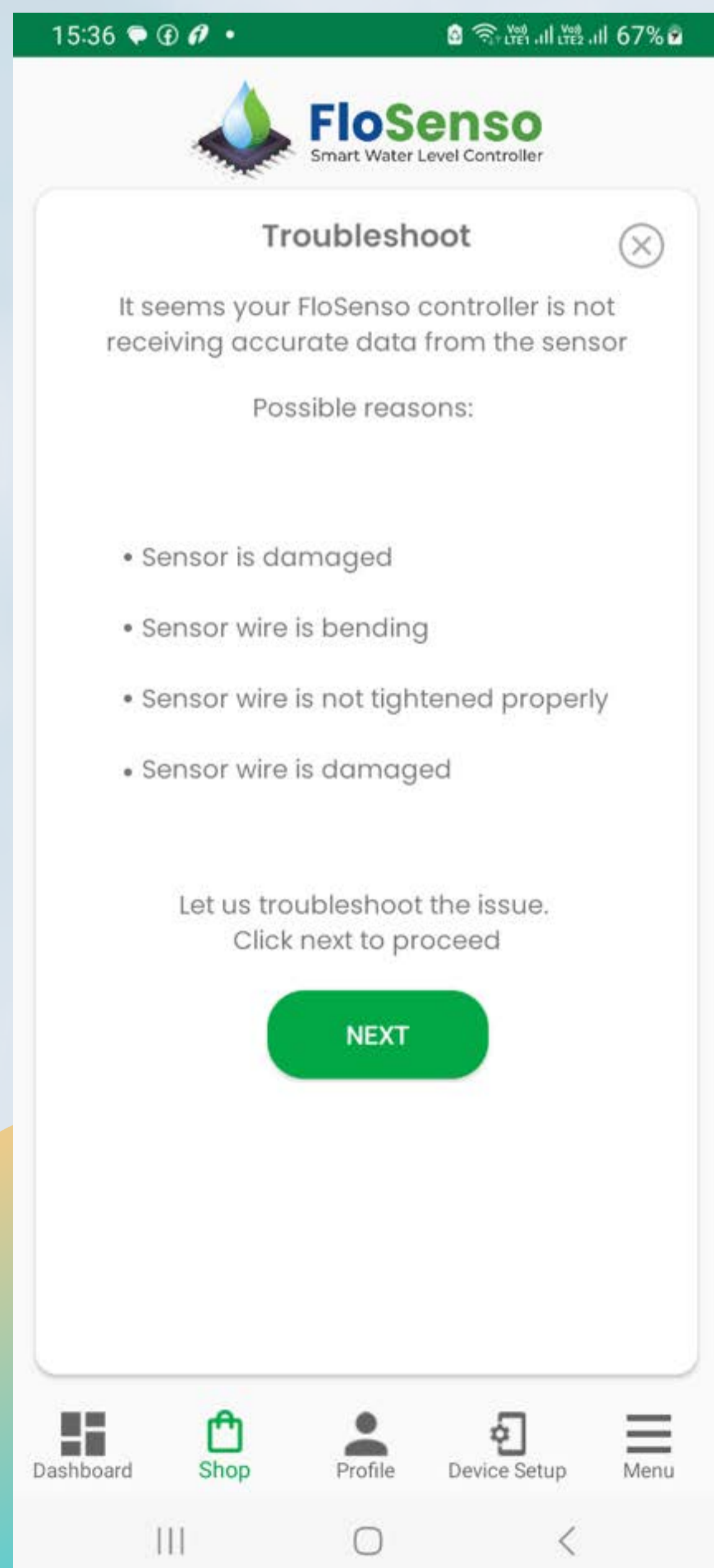


► Troubleshooting - Sensor Malfunction

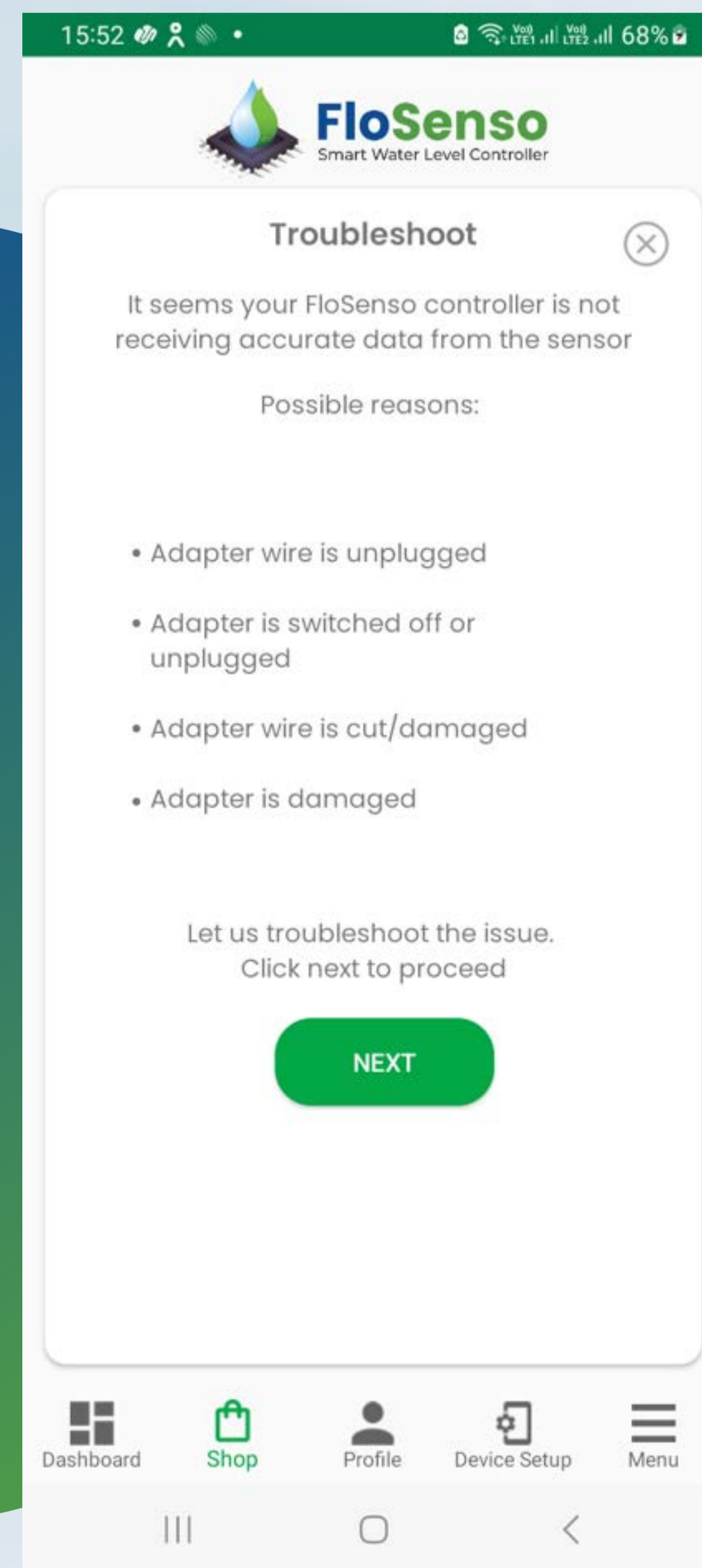


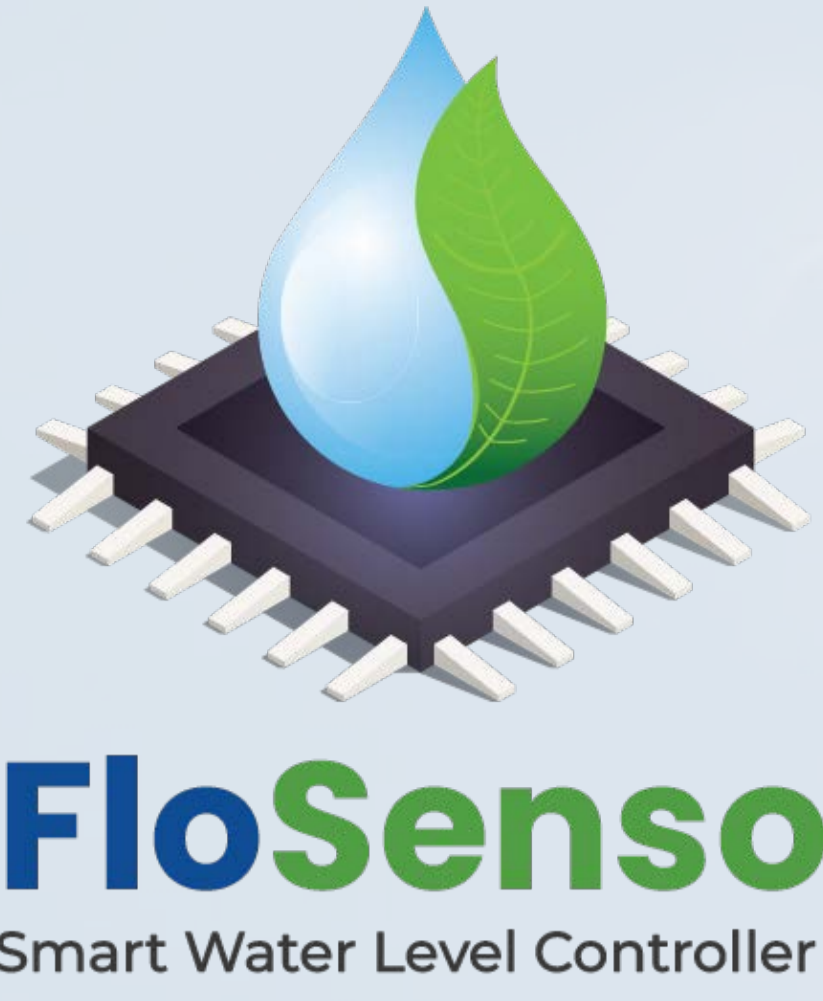
► Troubleshooting - Follow the steps to resolve the issue

Wired

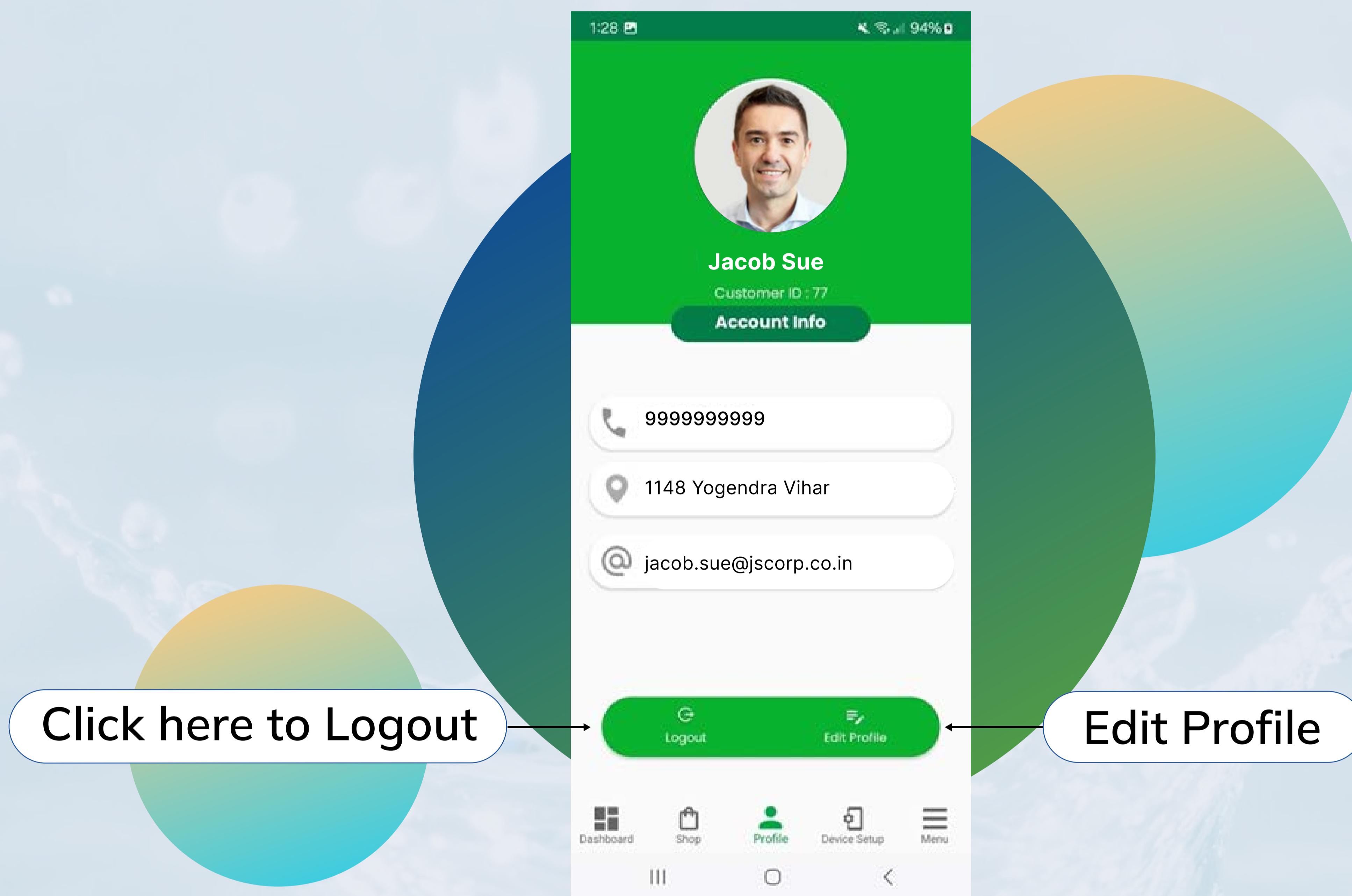


Wireless

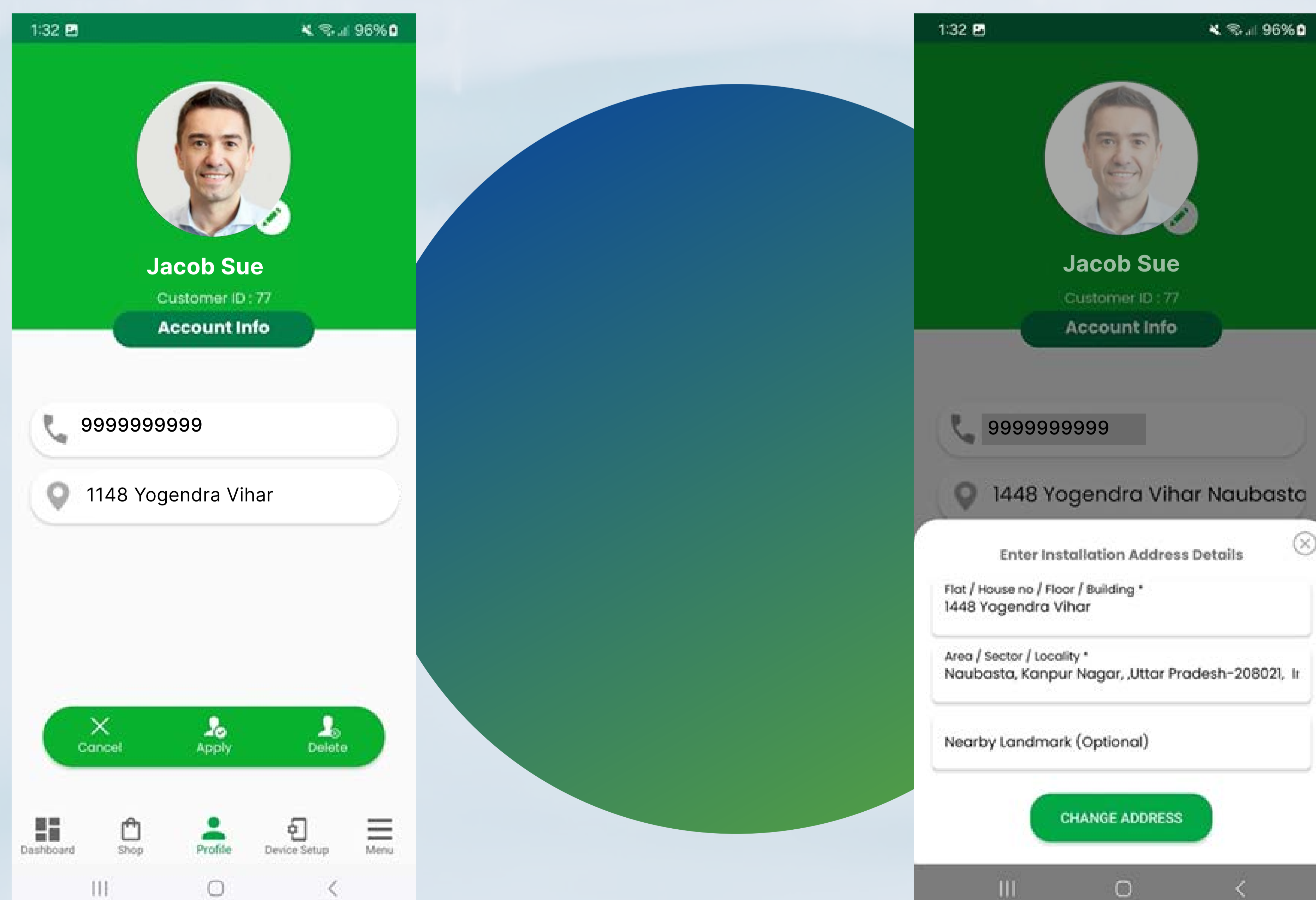


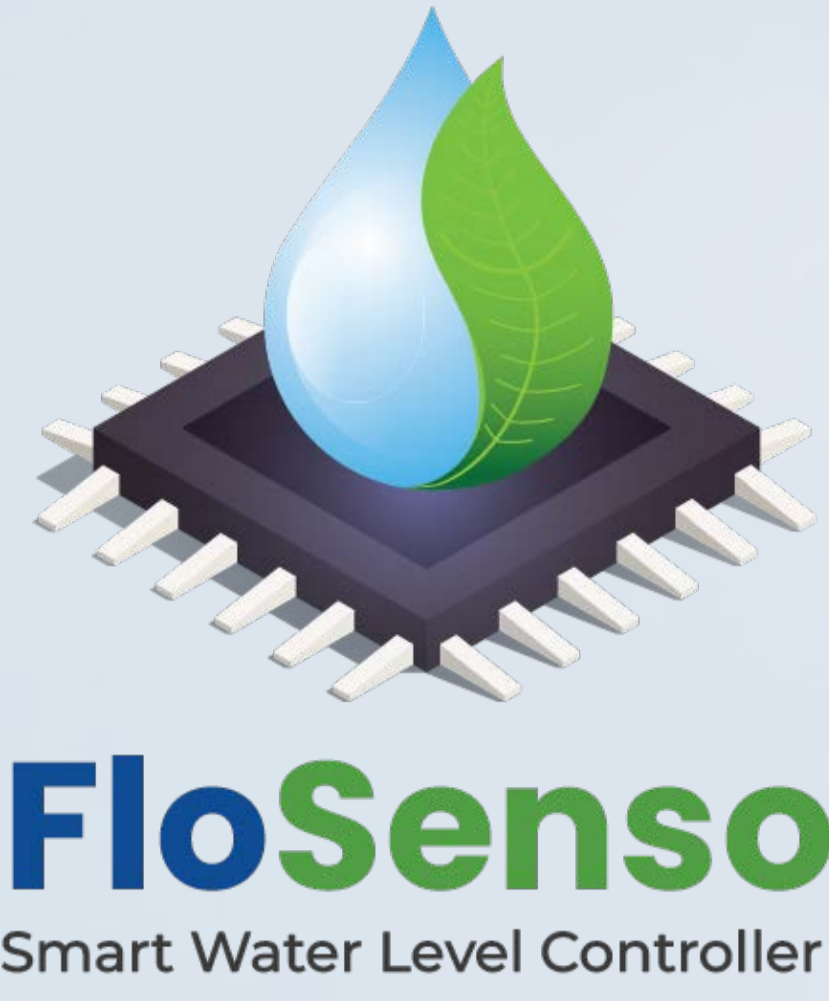


## ► Profile

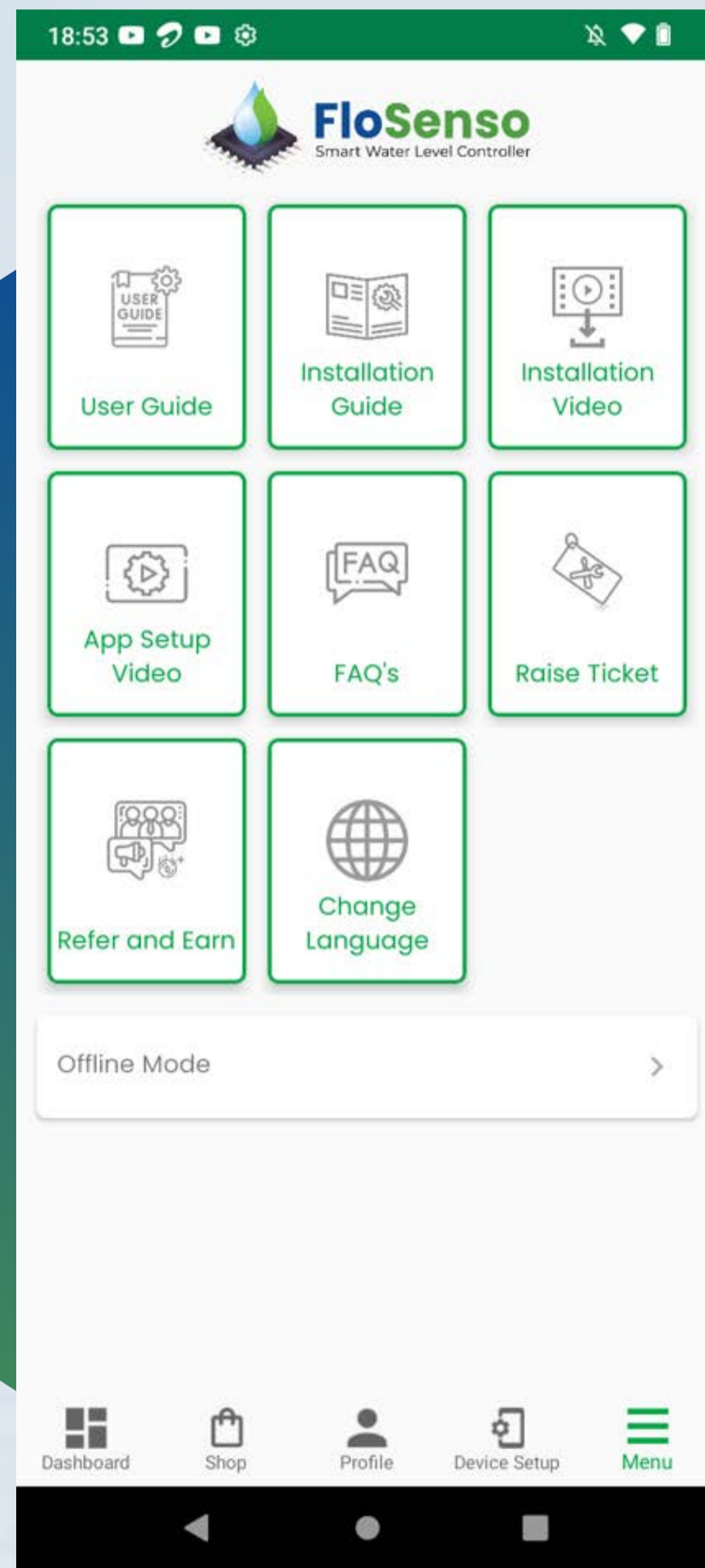


## ► Edit Profile Details





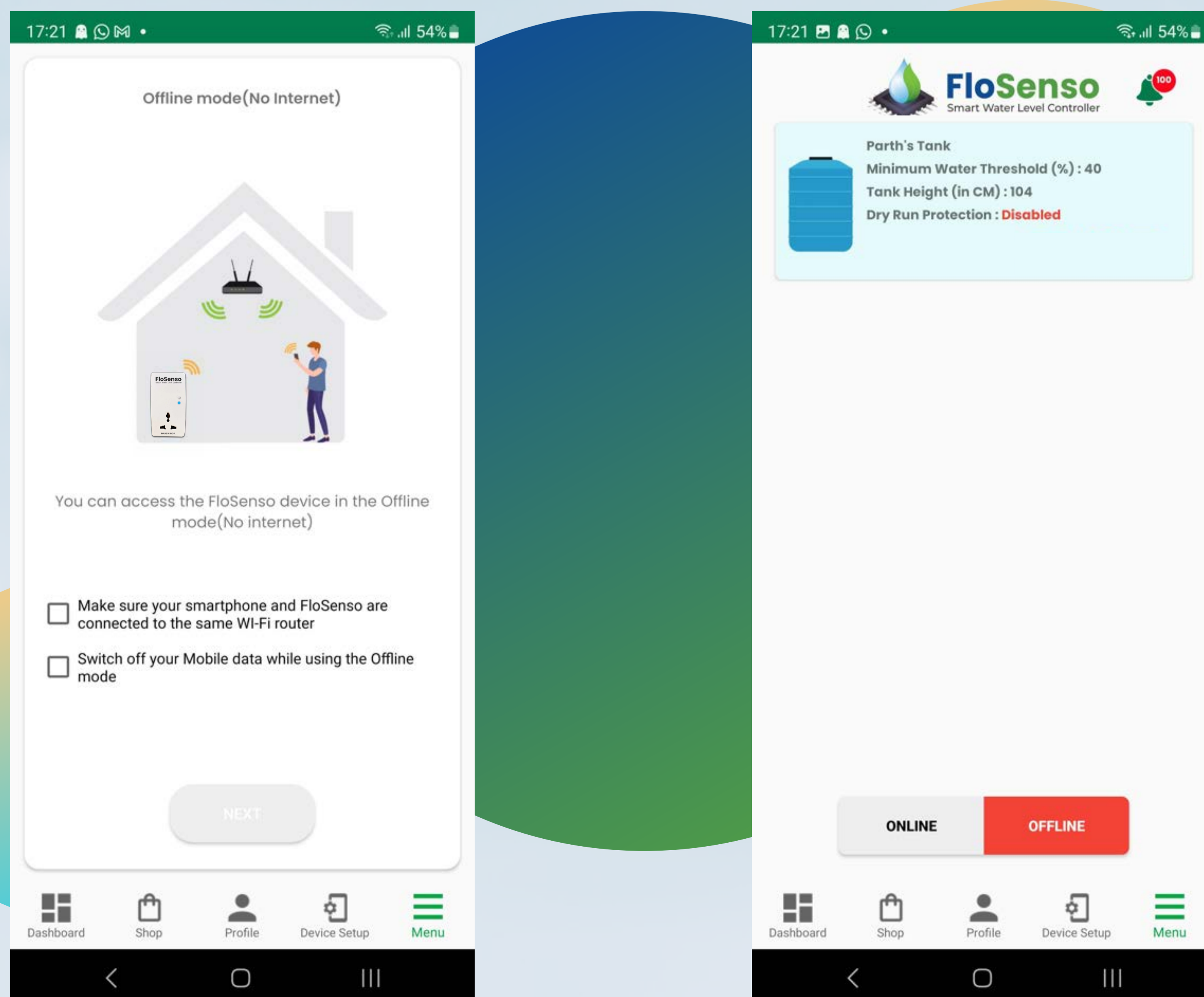
▶ Menu



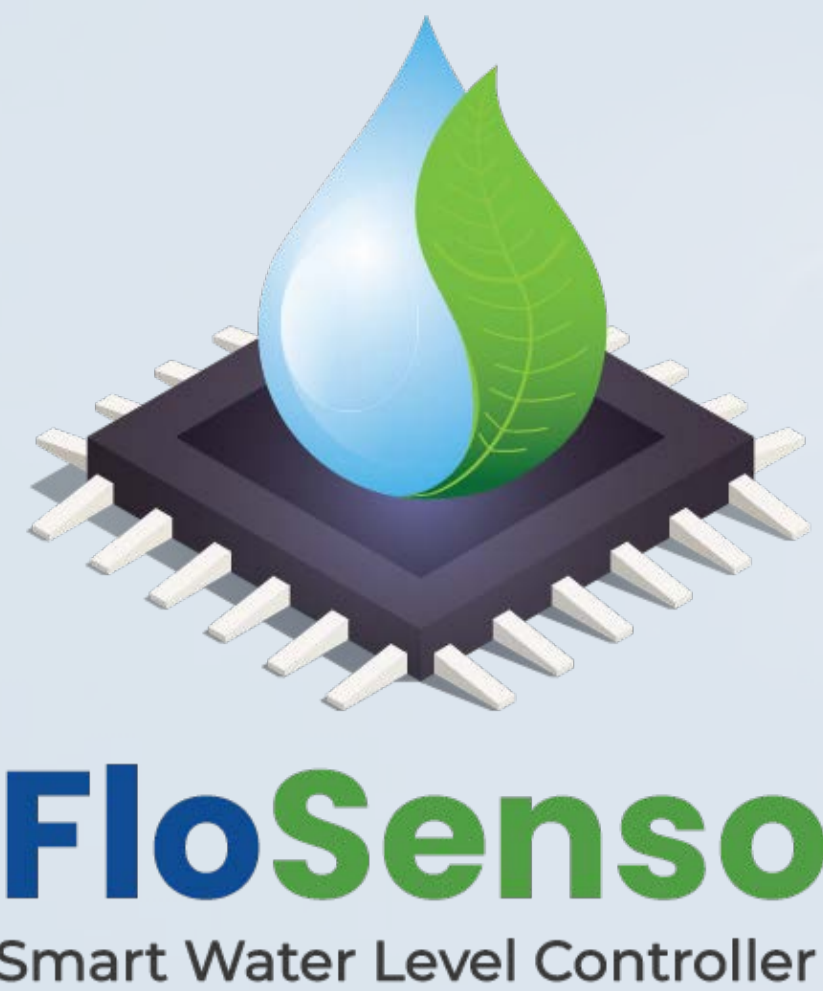
▶ Offline Mode ( when there is no internet )

**Please Note :**

- When there is no Internet available for the device, Device Details can not be edited.
- Switch to "ONLINE" mode if you wish to edit the device details.

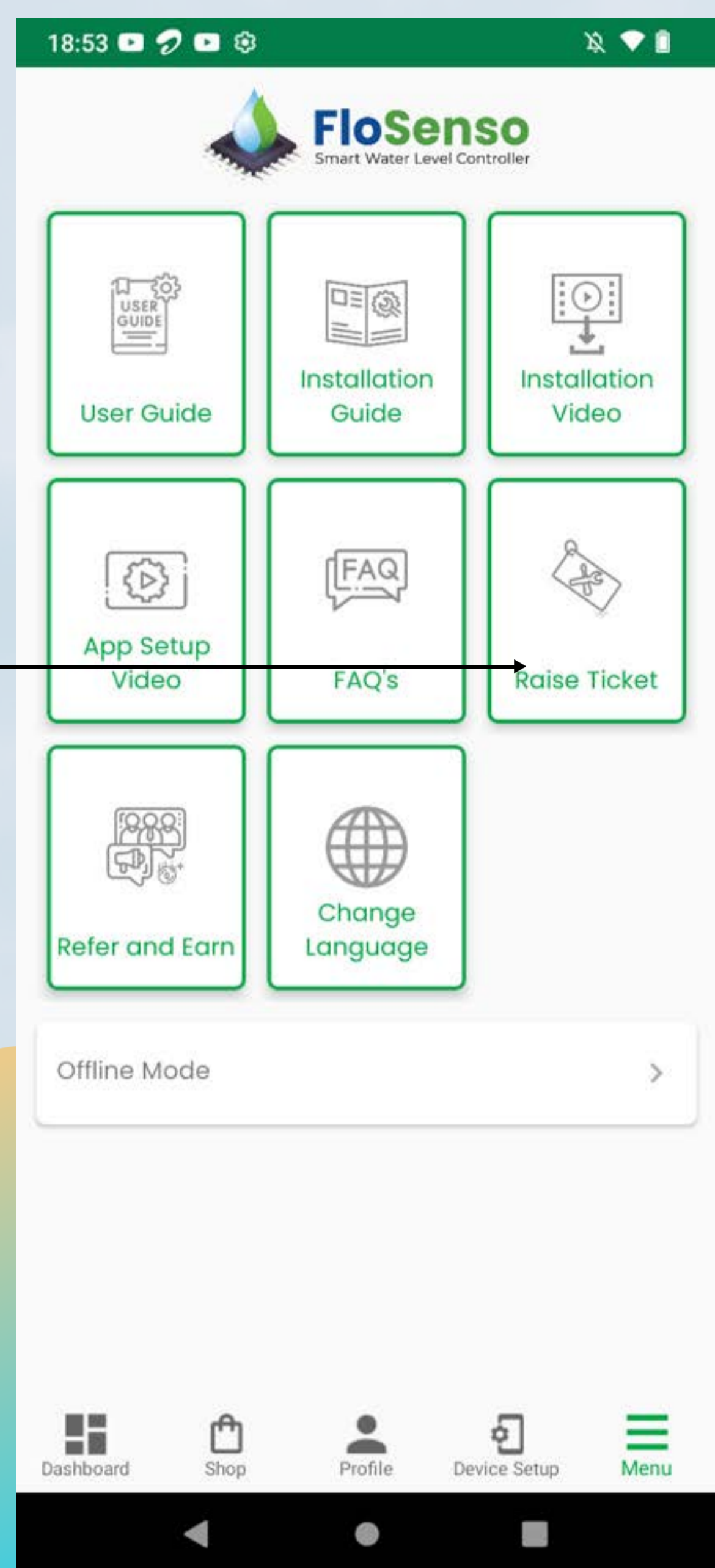




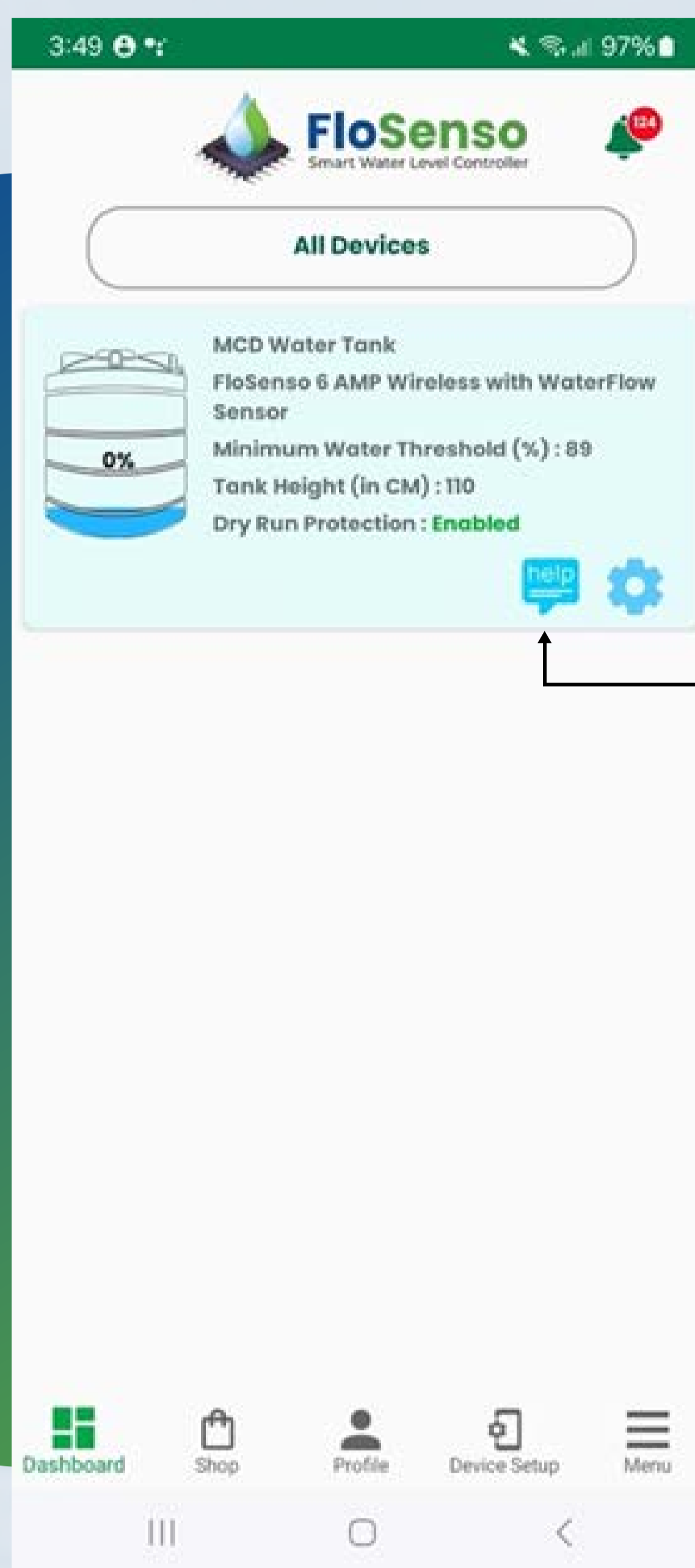


## ► Ticketing System

Click on Raise Ticket to open Ticketing System

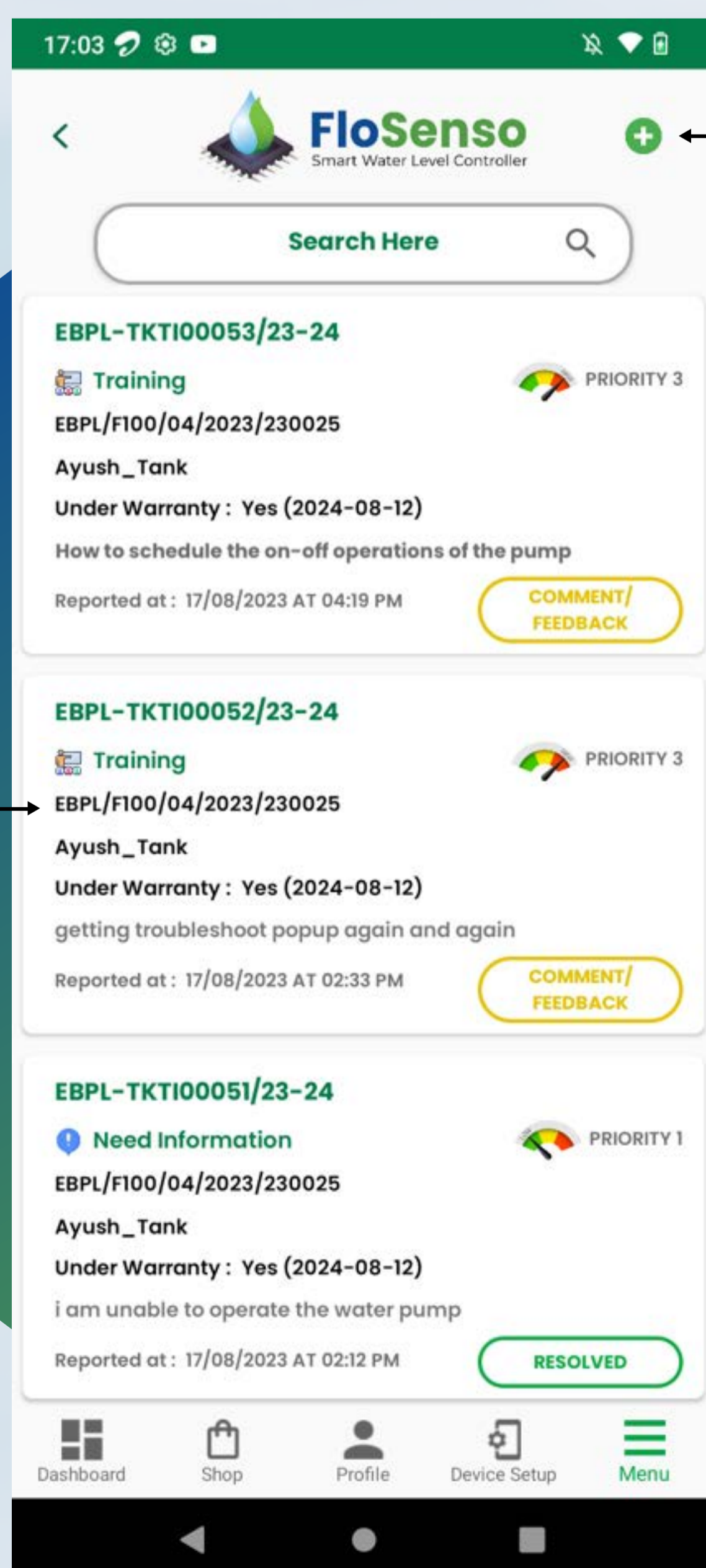


Or click on Help button on dashboard to directly raise a Ticket

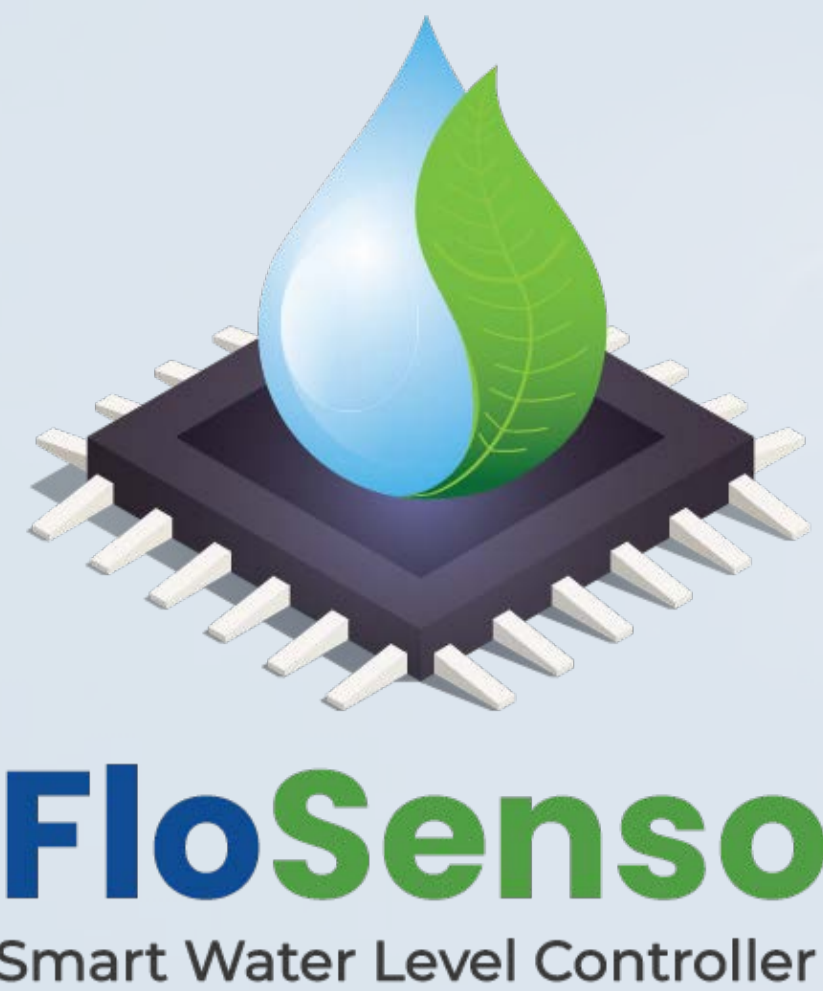


## ► Ticketing System

Your Ticket List



Click on + Button to Raise the ticket



► Raise a Ticket to contact FloSenso Support

**Select Priority**

**Click on submit to raise ticket**

**Product Serial Number**

**Tank Name**

**Warranty Status**

**Issue Type**

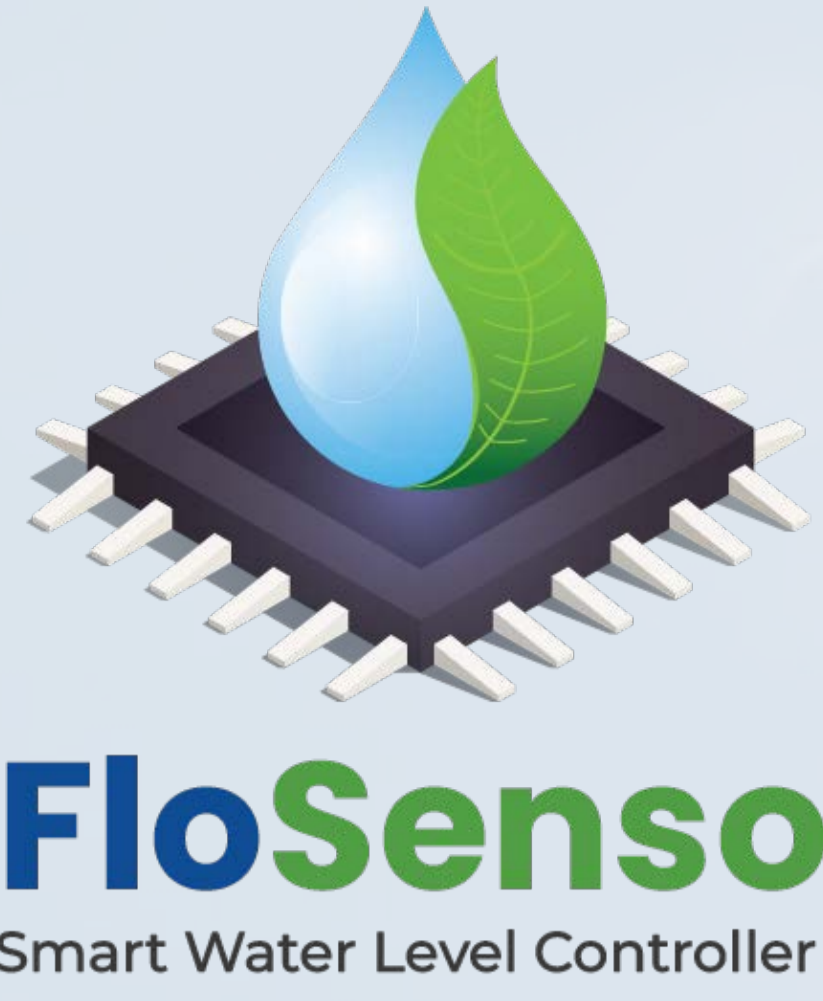
**Describe your Issue here**

**Add Screenshot/Image**

► Specify the issue type of your FloSenso product

**Select Warranty in Issue Type if Product is under warranty**

**Click on Others if product is out of warranty or you have any other concern**



► Ticket Created

Ticket Number

Cancel Ticket

Ticket Status

Update Ticket

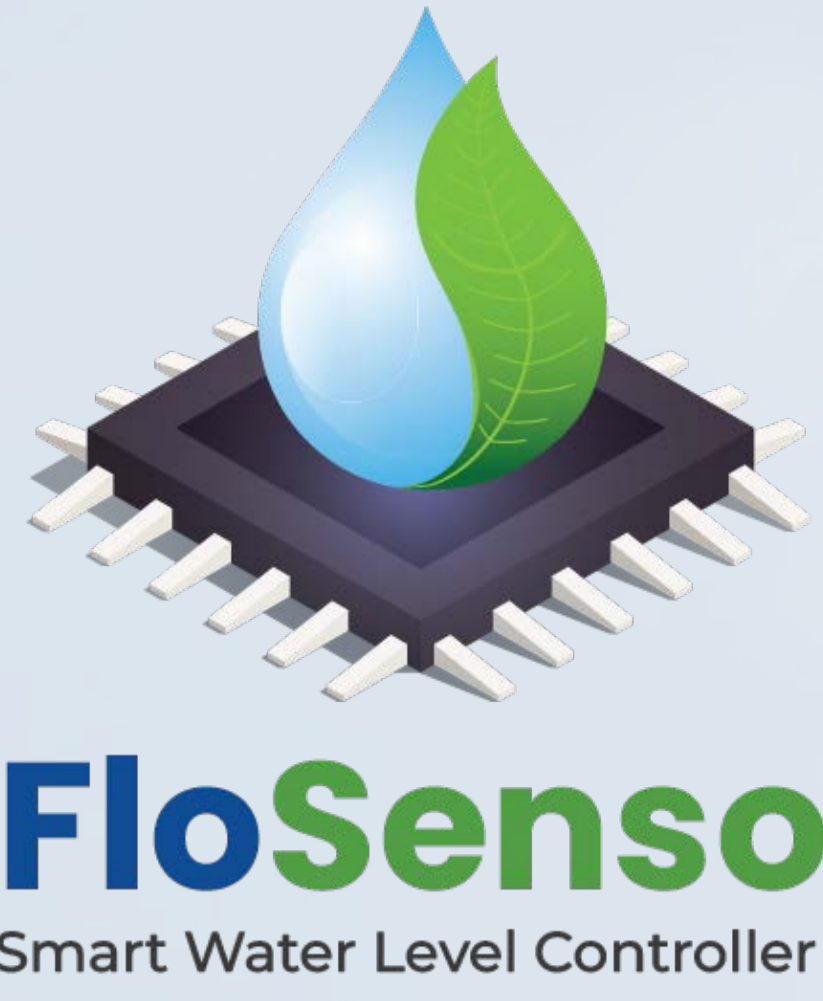
► Update Ticket details

Add Comment

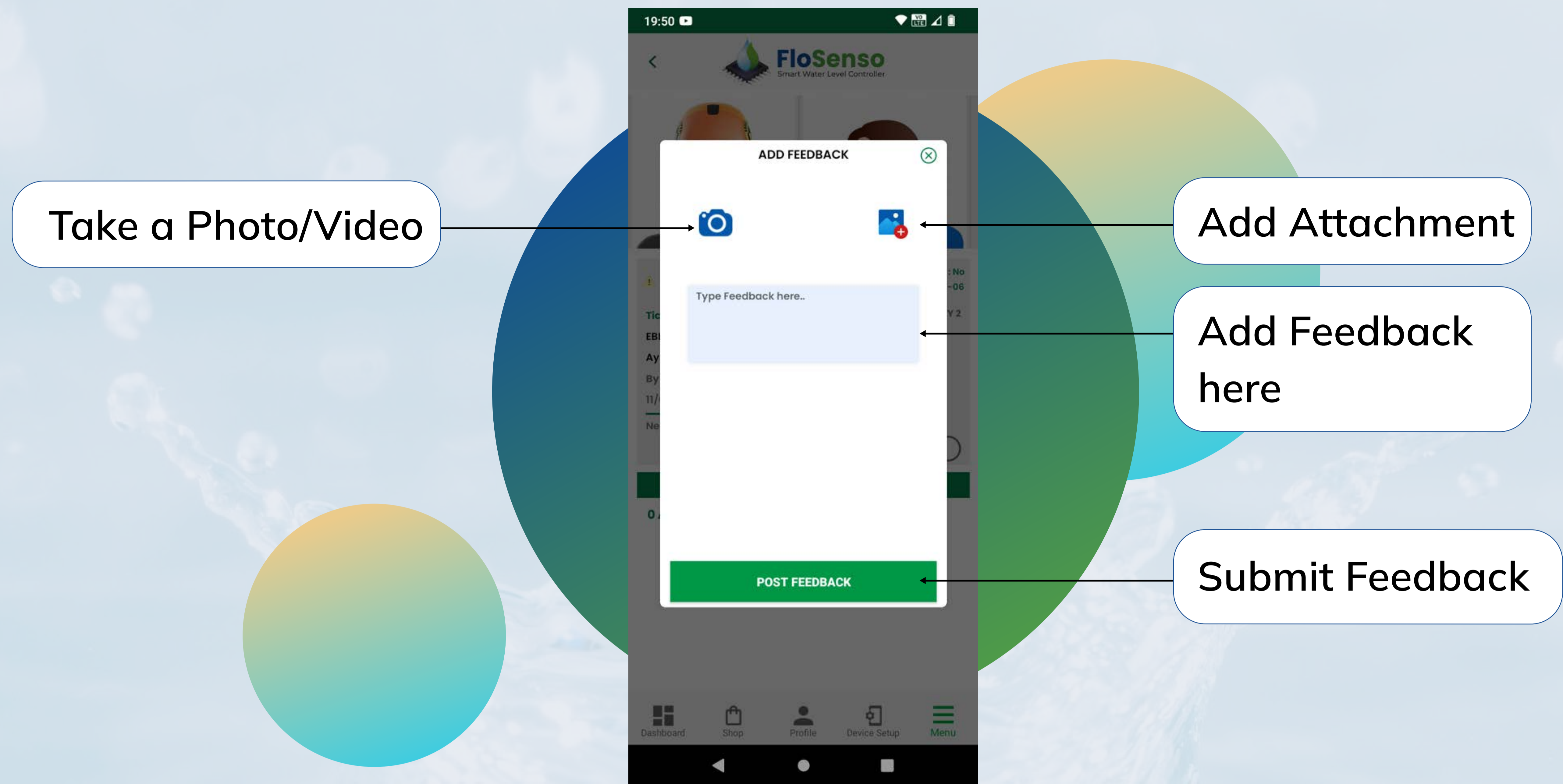
Add Feedback

Close Ticket

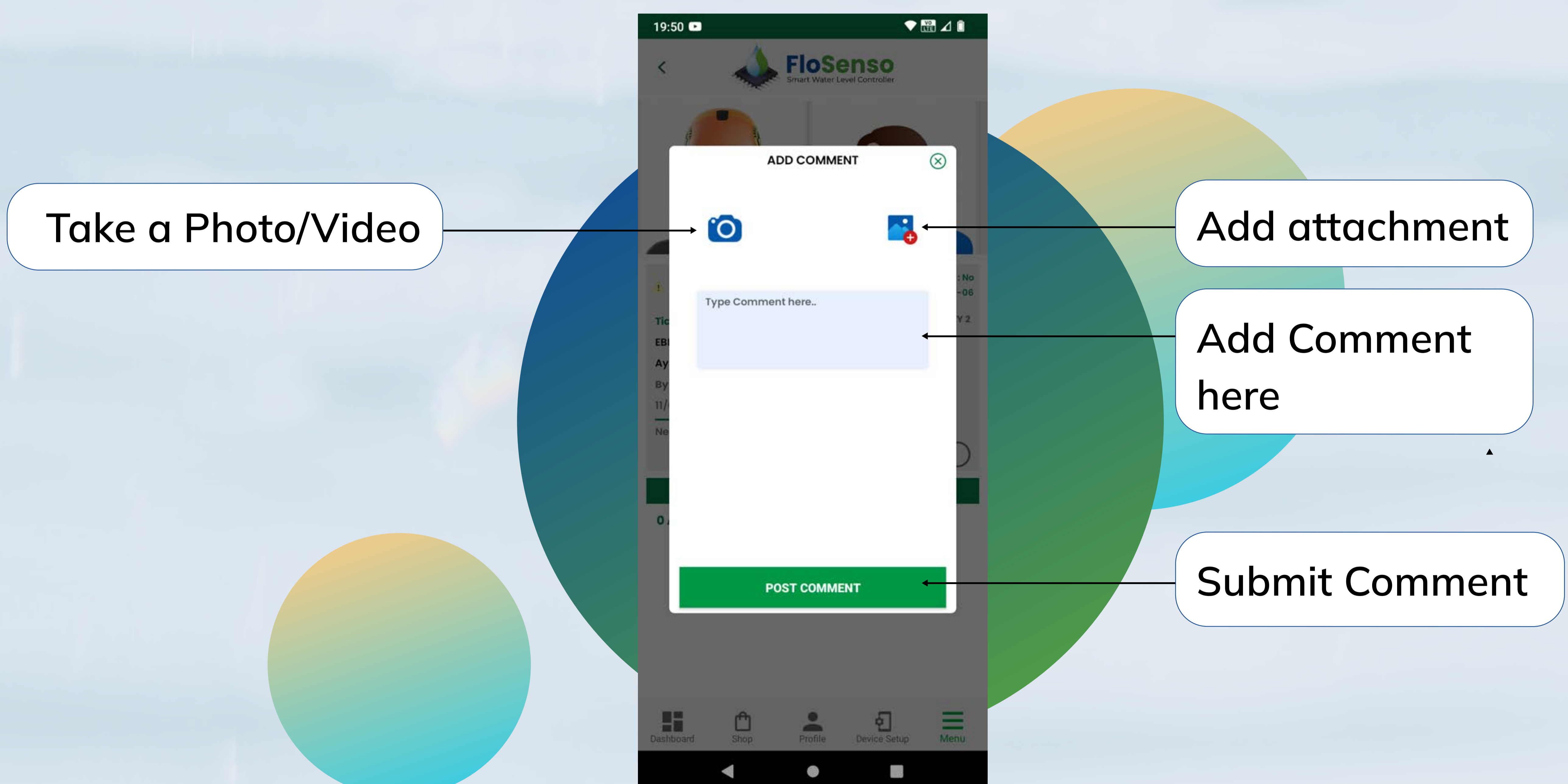
Escalate the Ticket



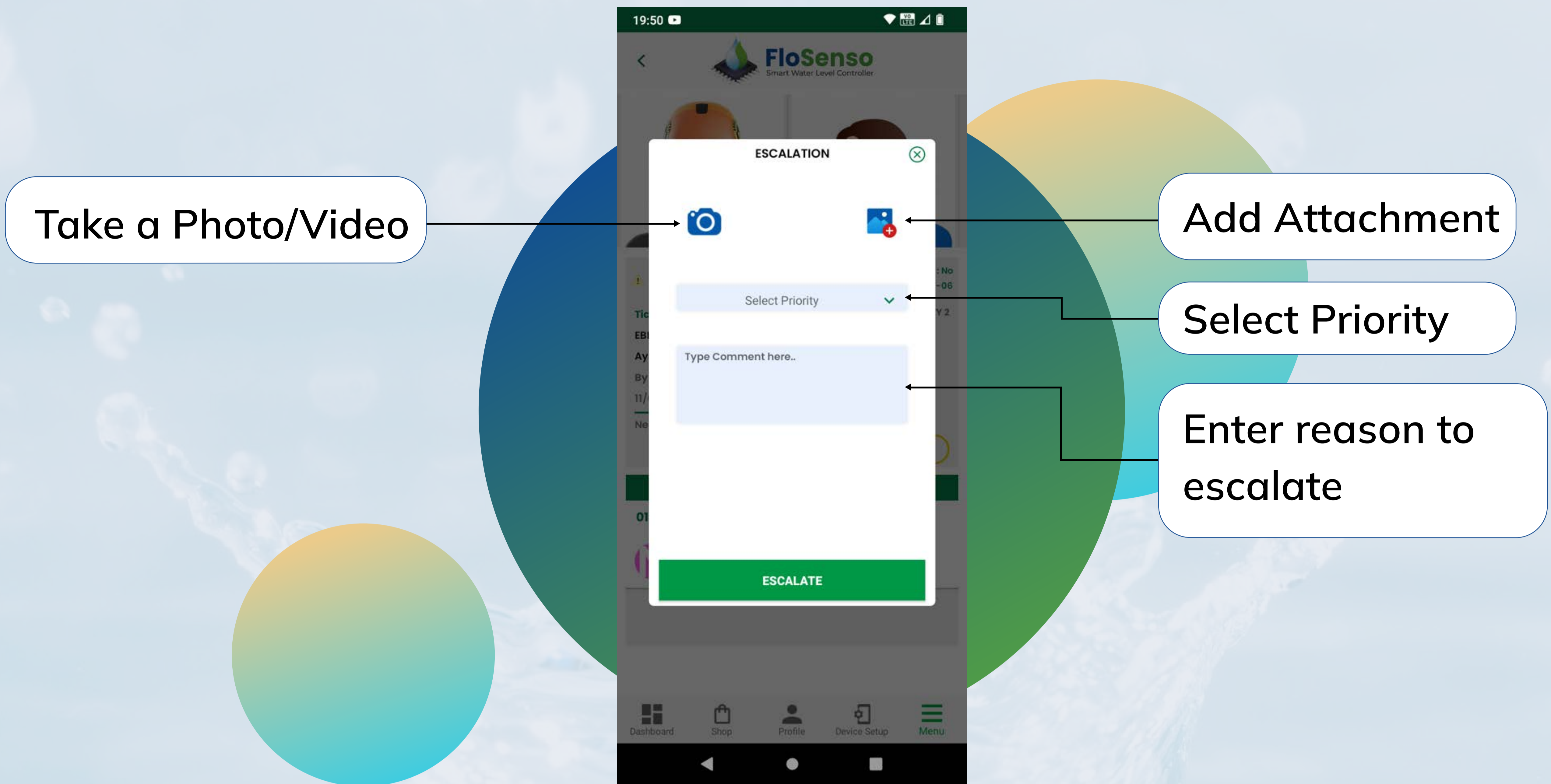
► Add Feedback



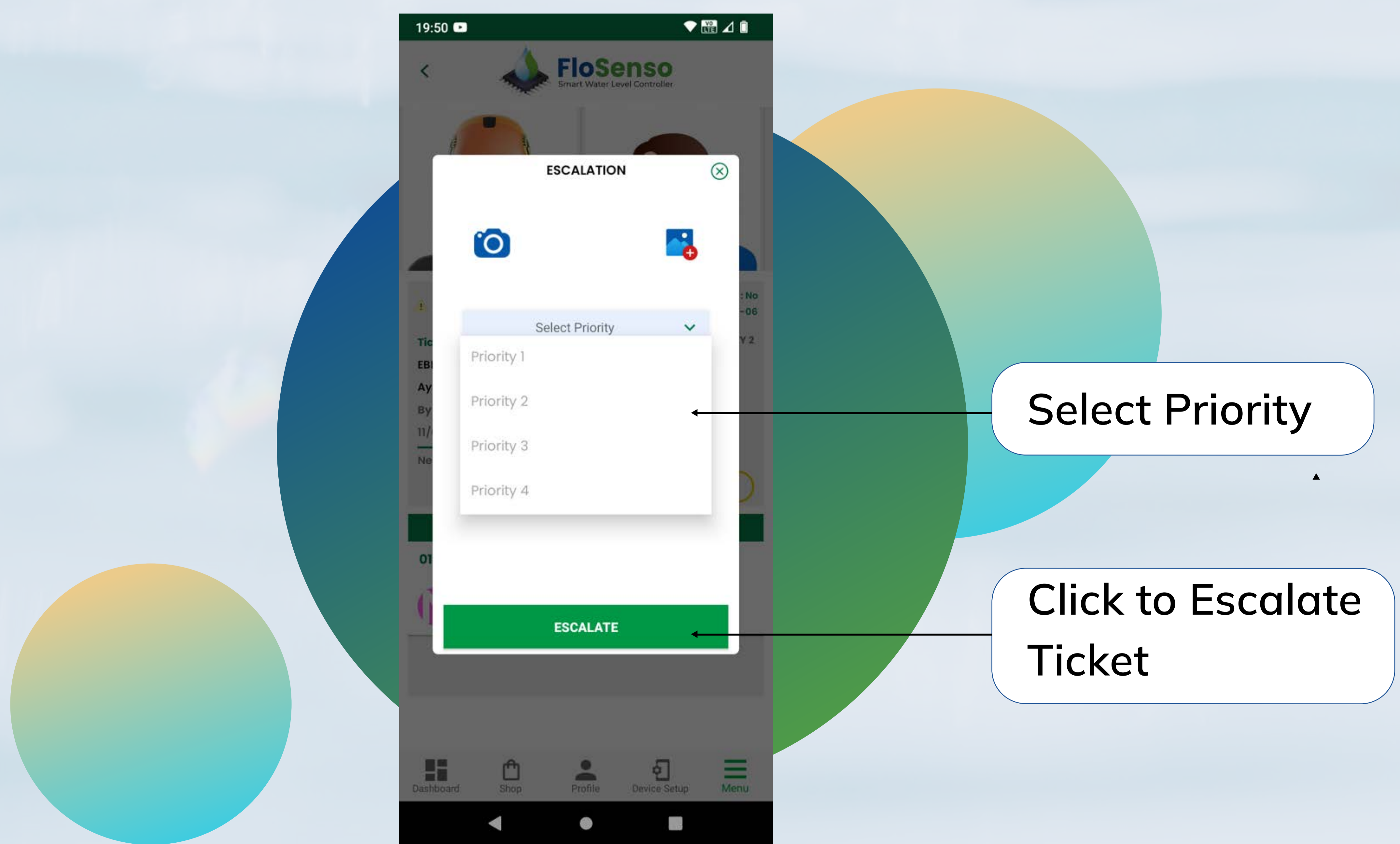
► Add Comment

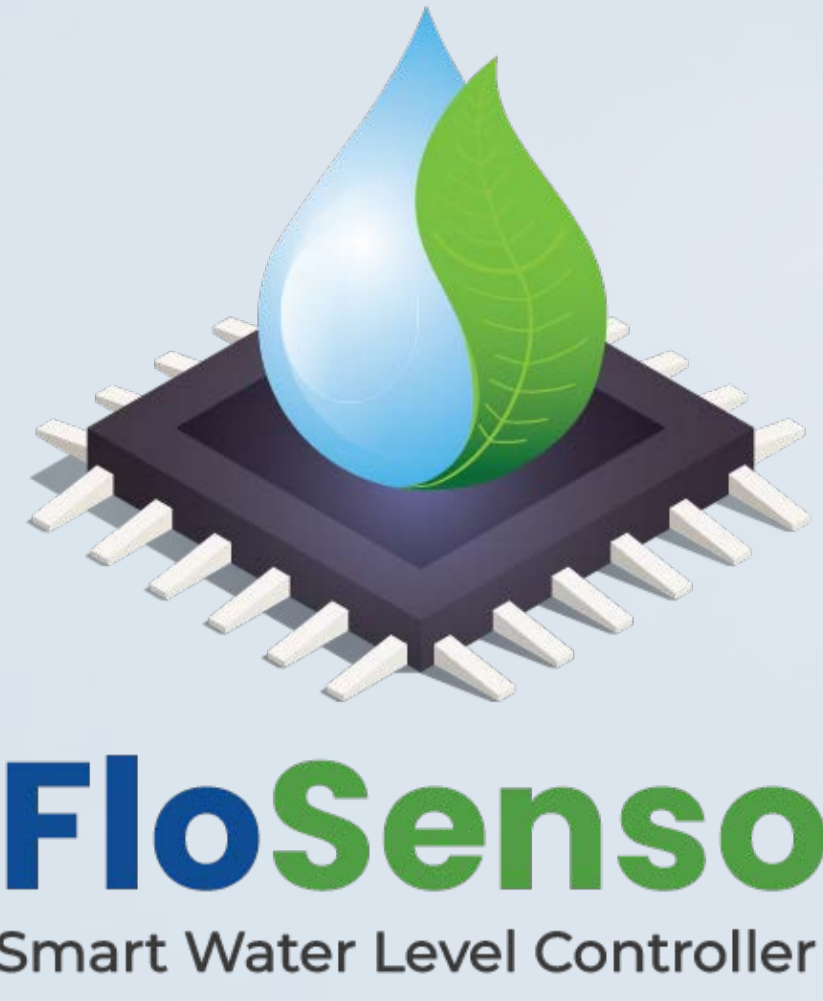


► Escalate Ticket

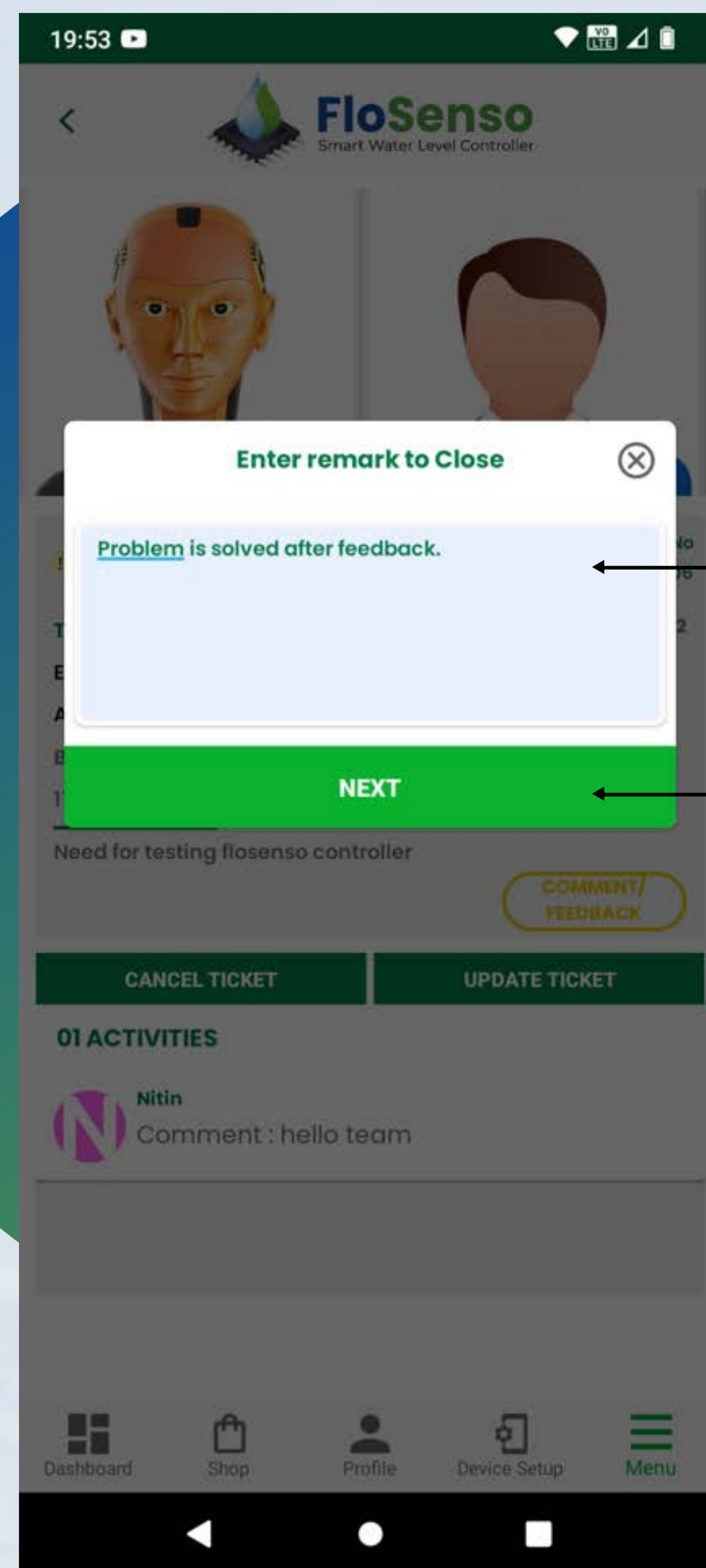


► Escalate Ticket





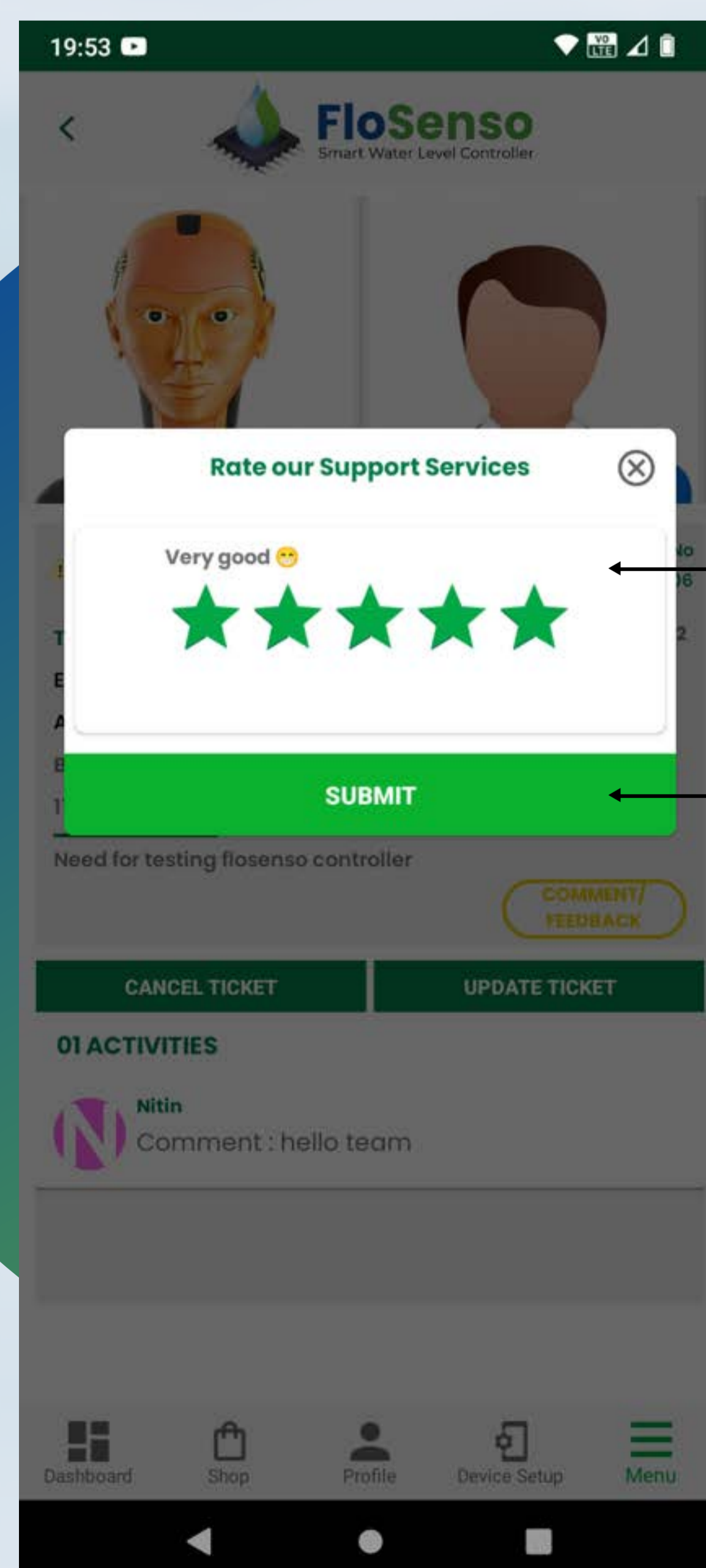
► Close Ticket



Add remark

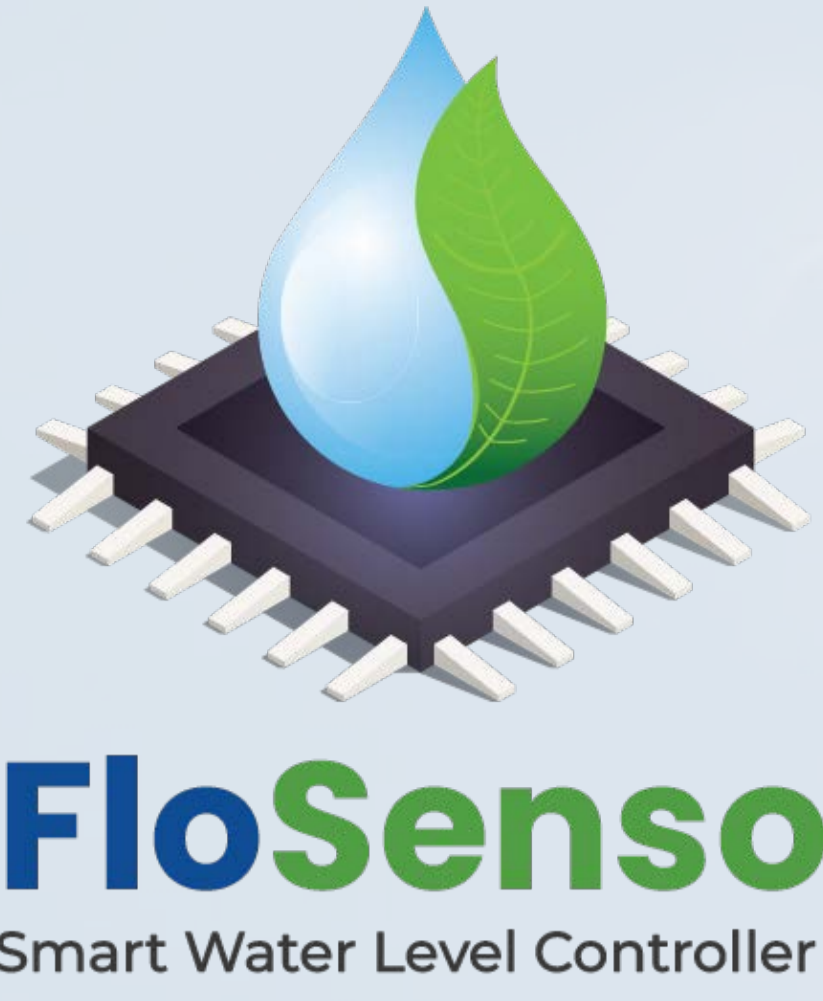
Click Next to Close the Ticket

► Submit Rating

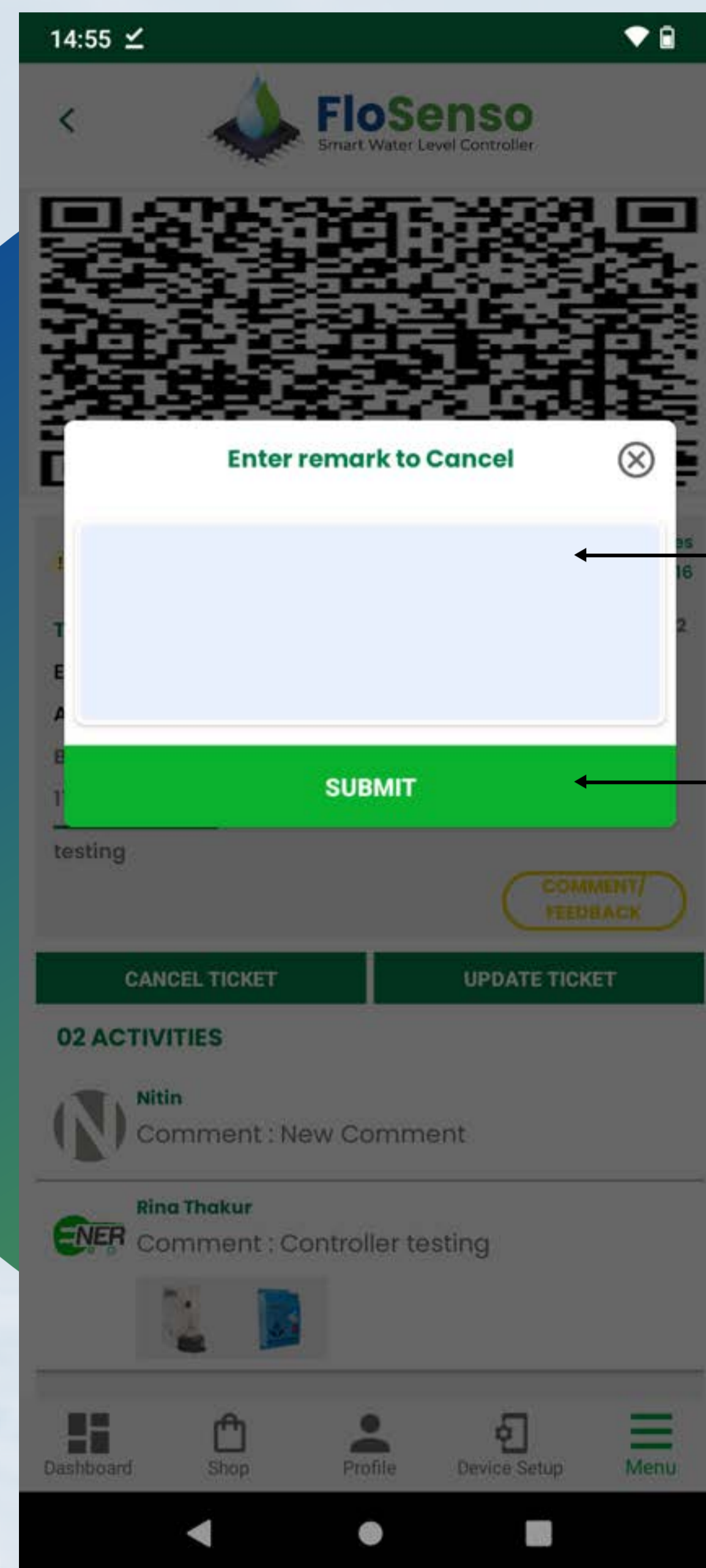


Rate the support

Click on Submit to submit the rating



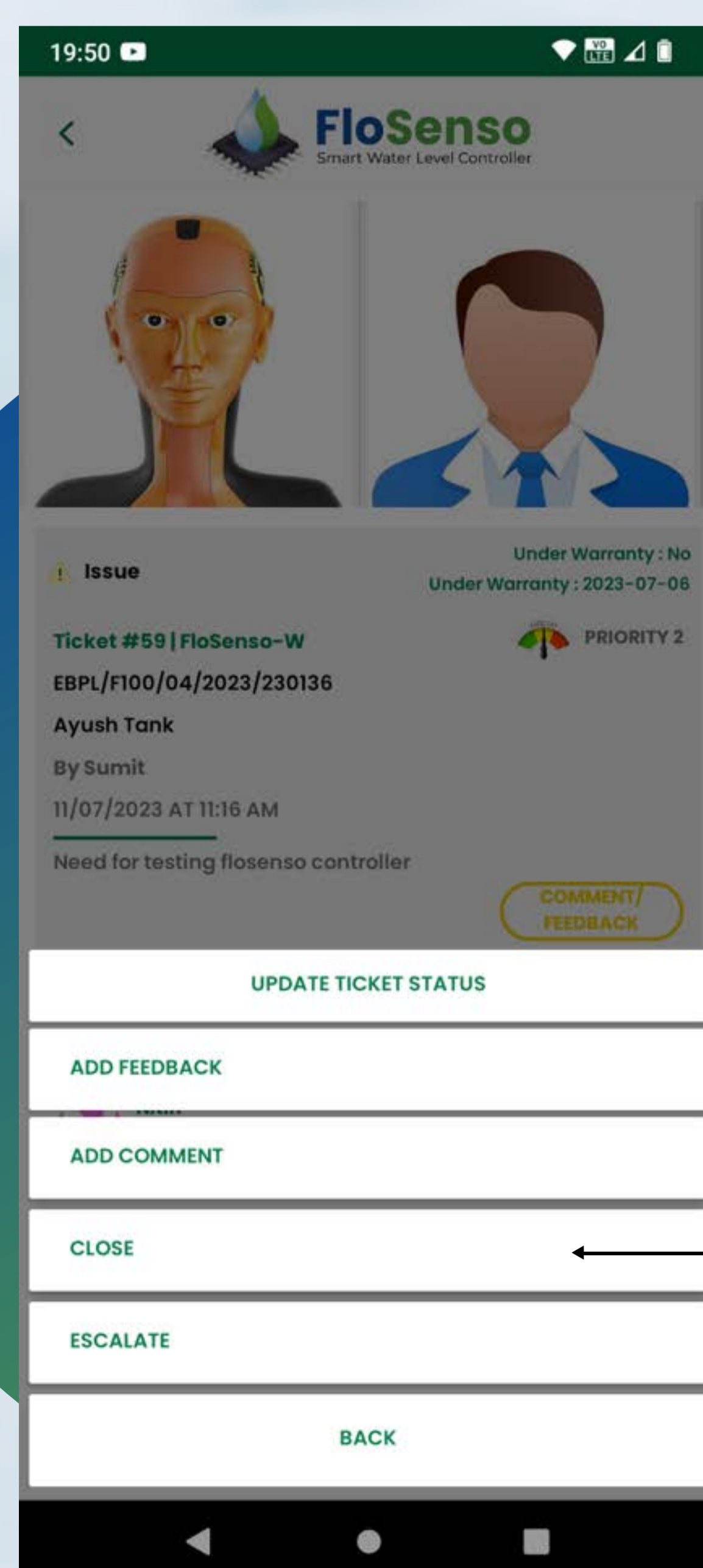
▶ Cancel Ticket



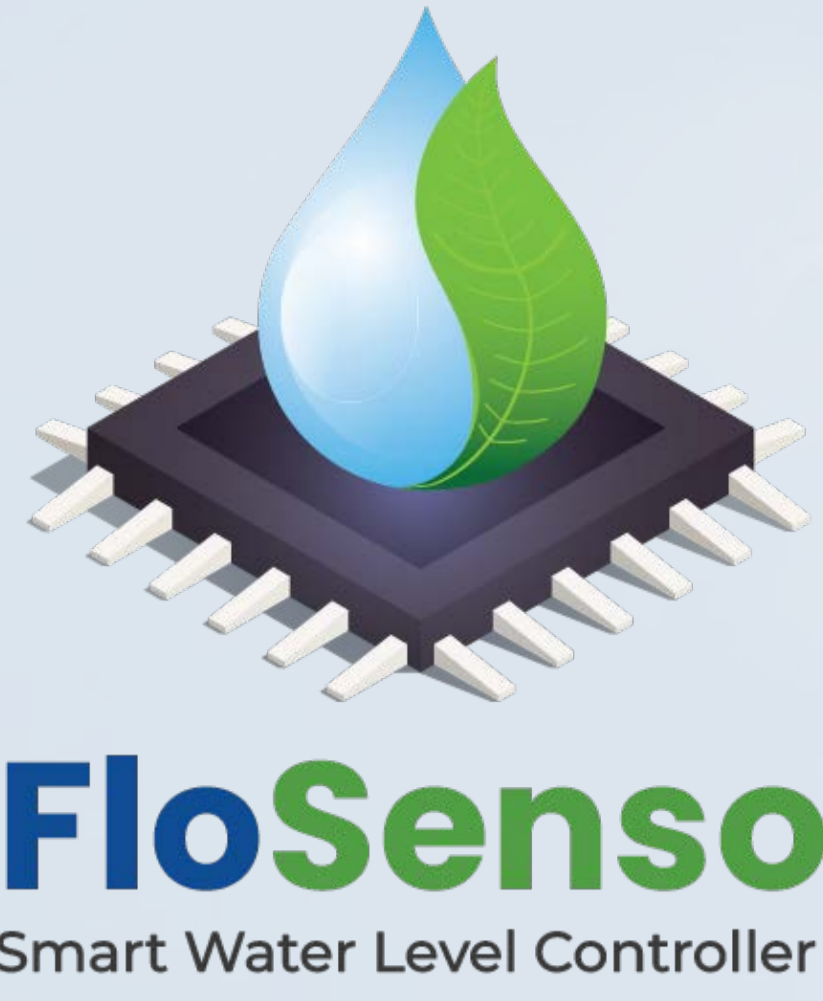
Add remark

Click Submit to Cancel

▶ Close Ticket

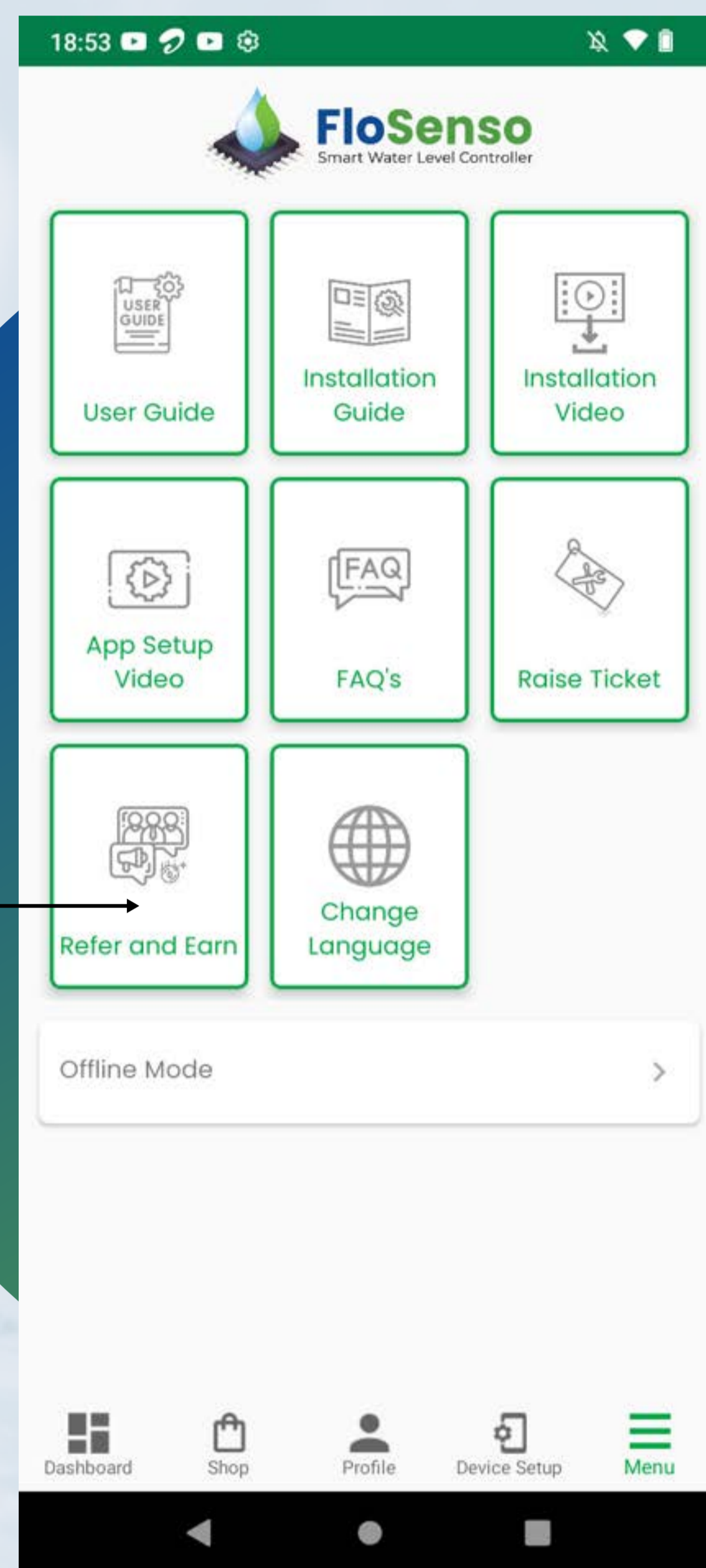


Click Close from update ticket



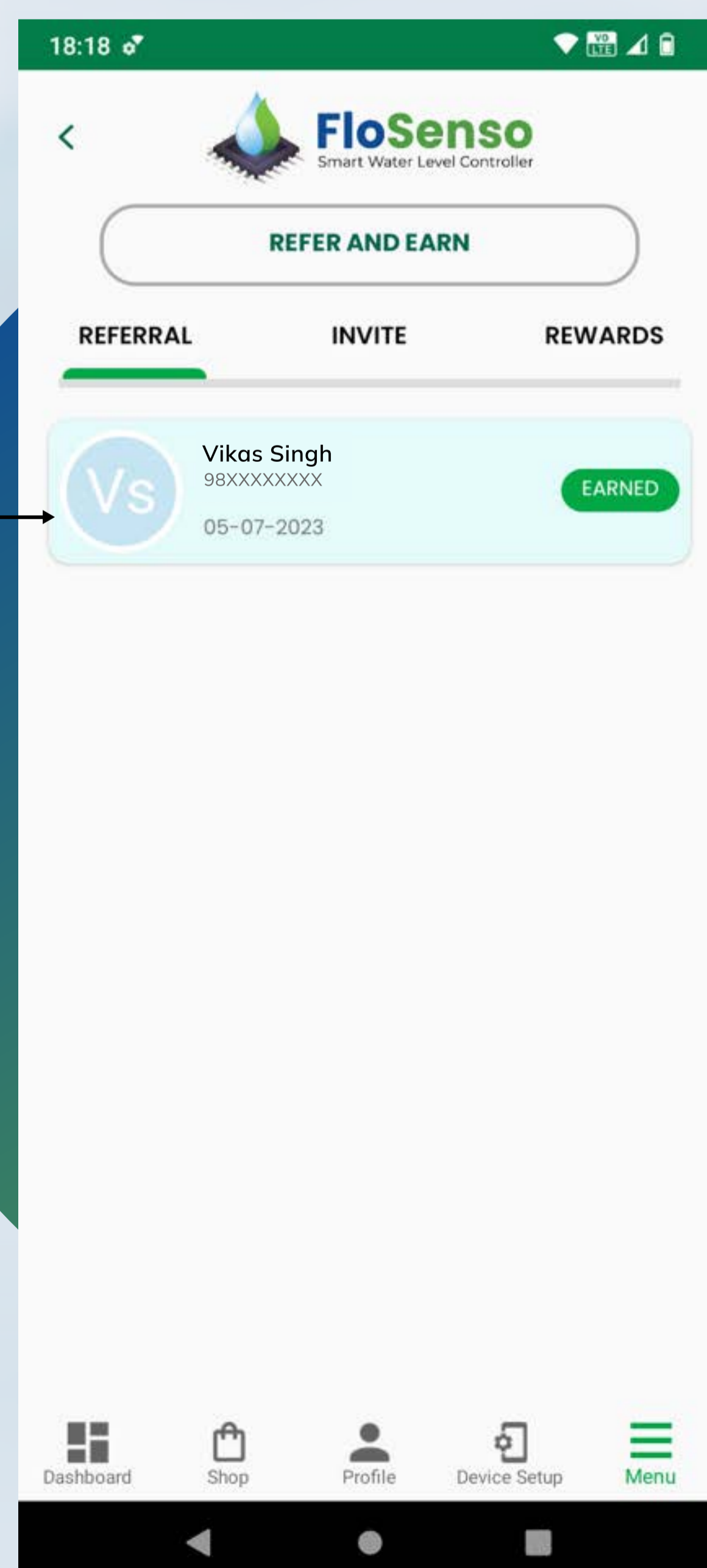
▶ Menu

Click and open Refer & Earn section

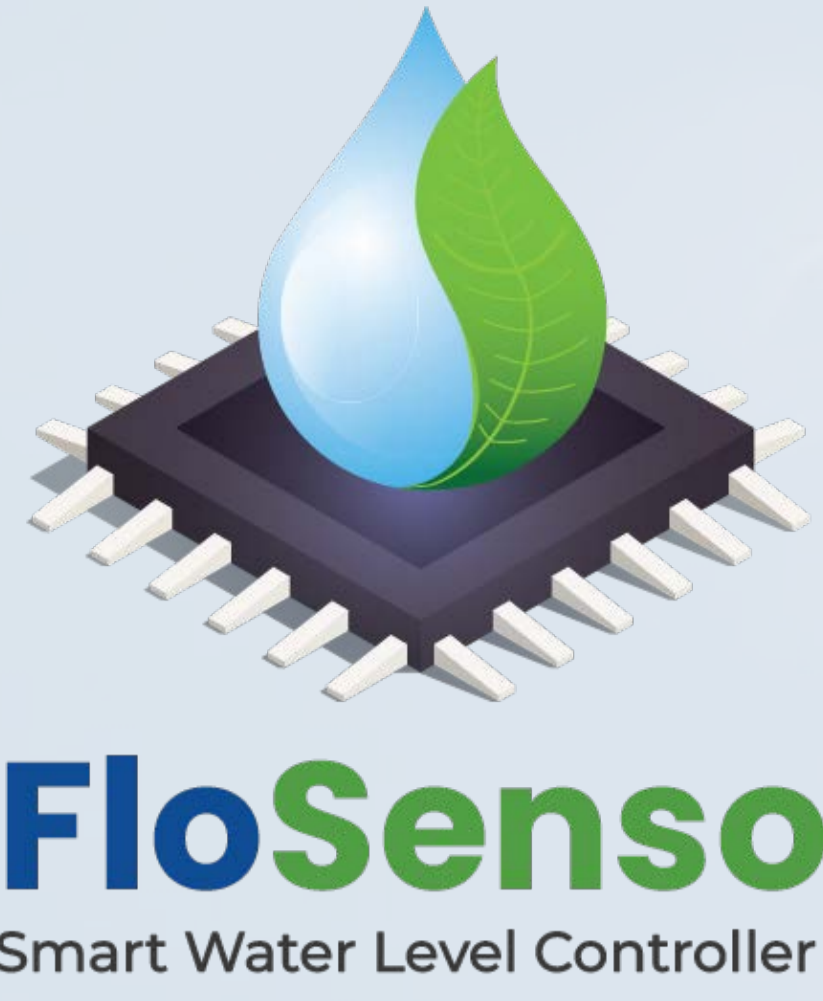


▶ Your Referral List

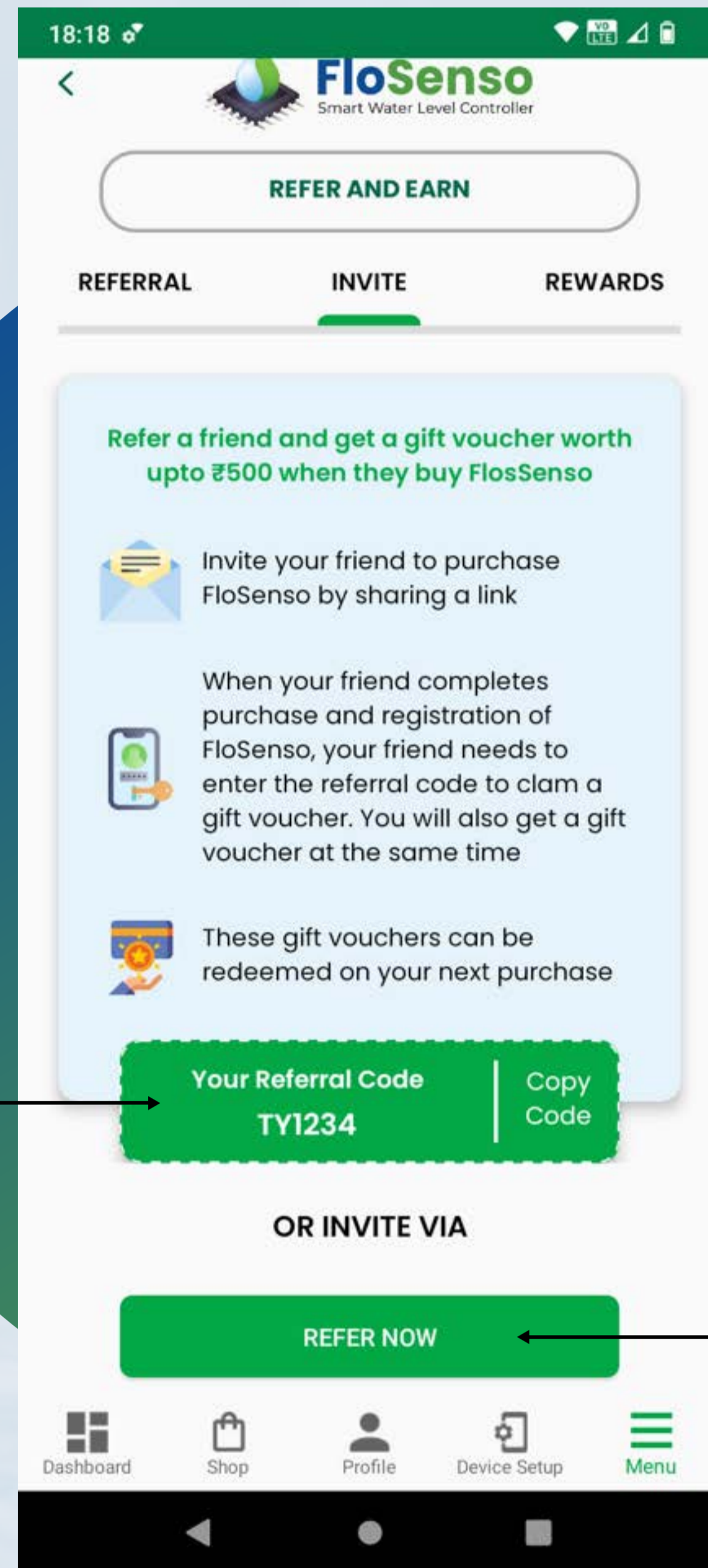
You Referrals show up here







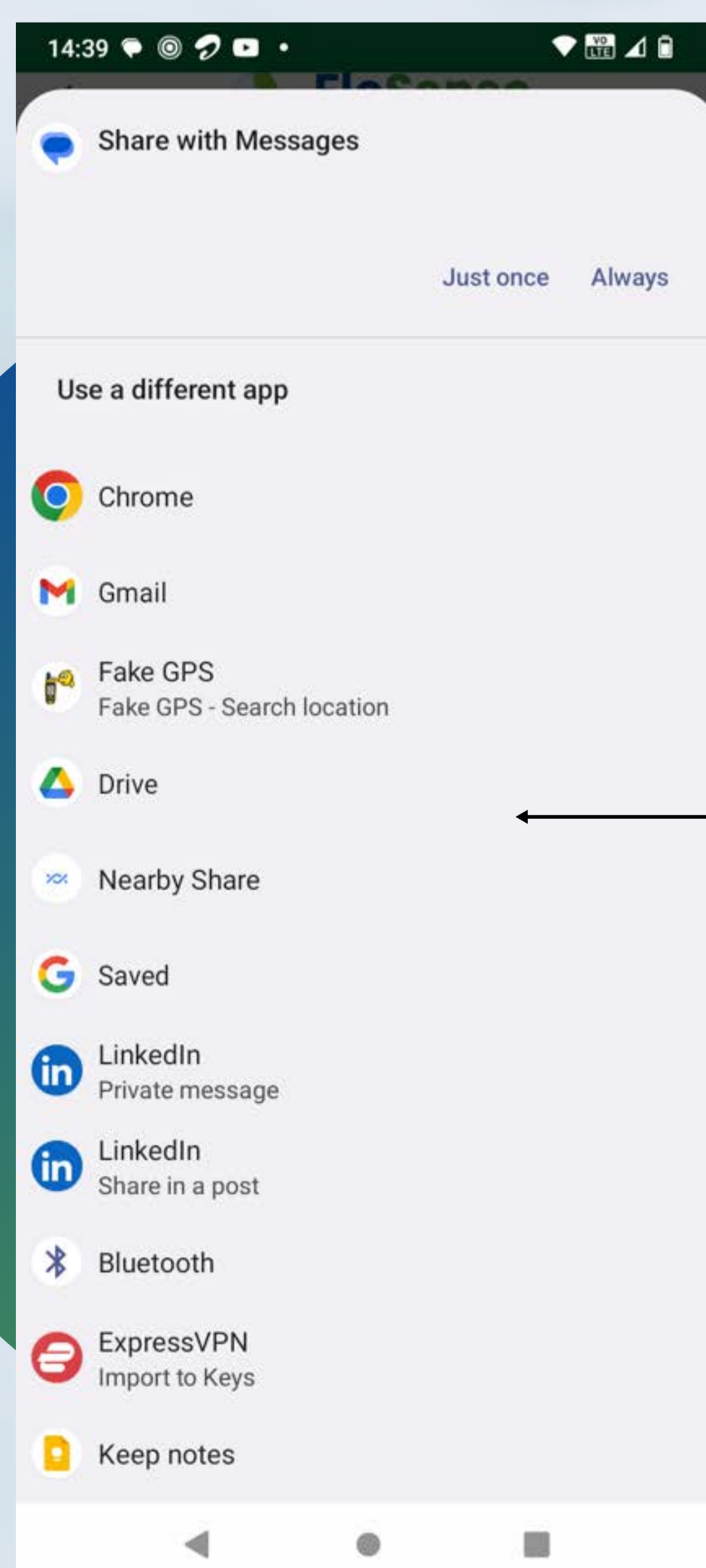
## ► Referral System



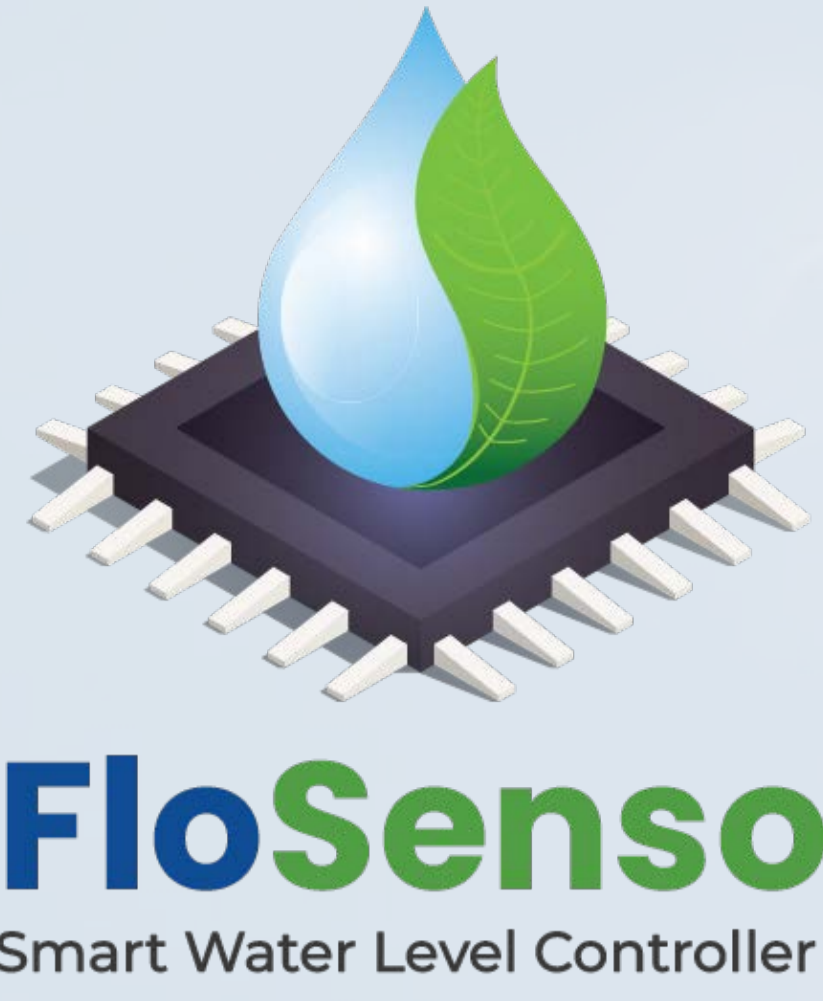
Copy Referral Code and share

Click on Refer now to share using other Apps

## ► Share via Apps

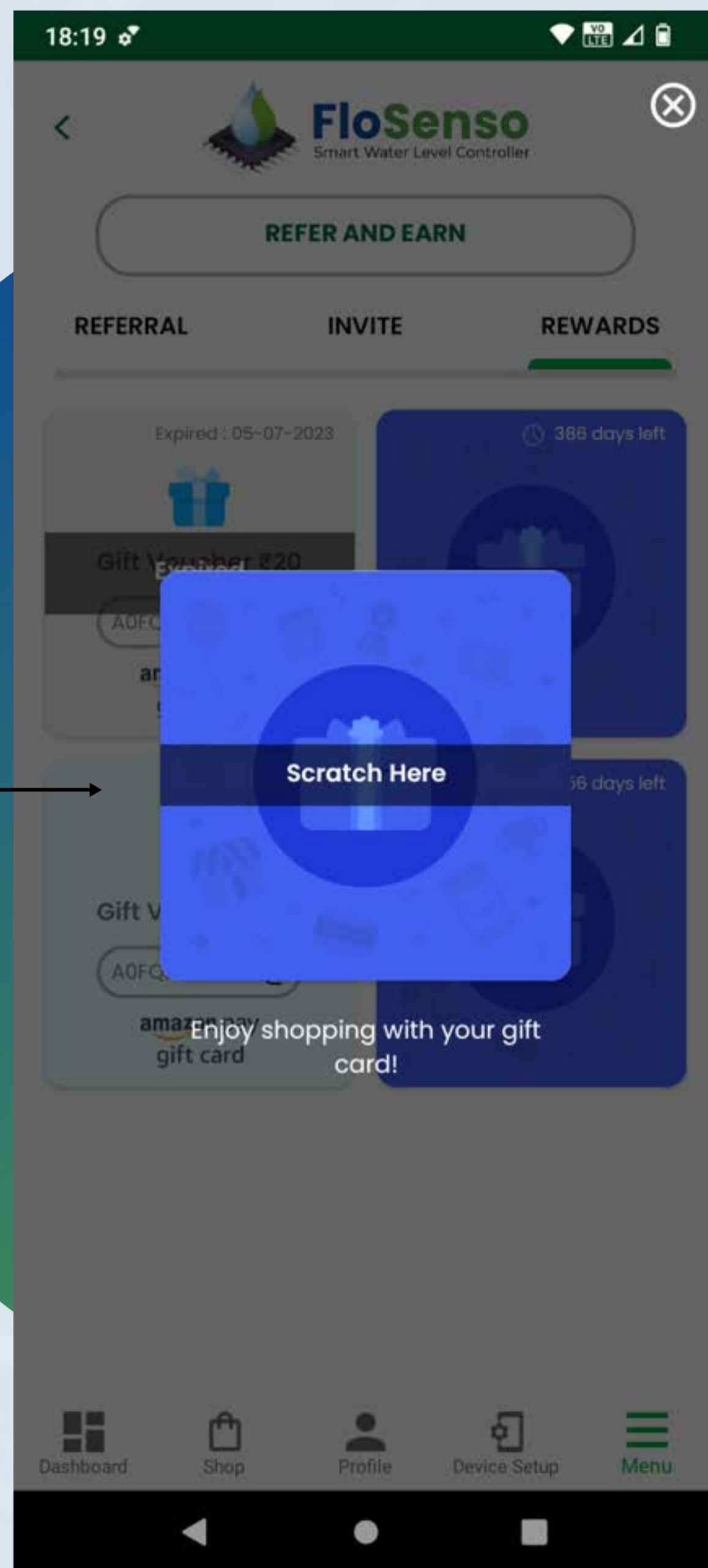


Choose the App of your choice and share



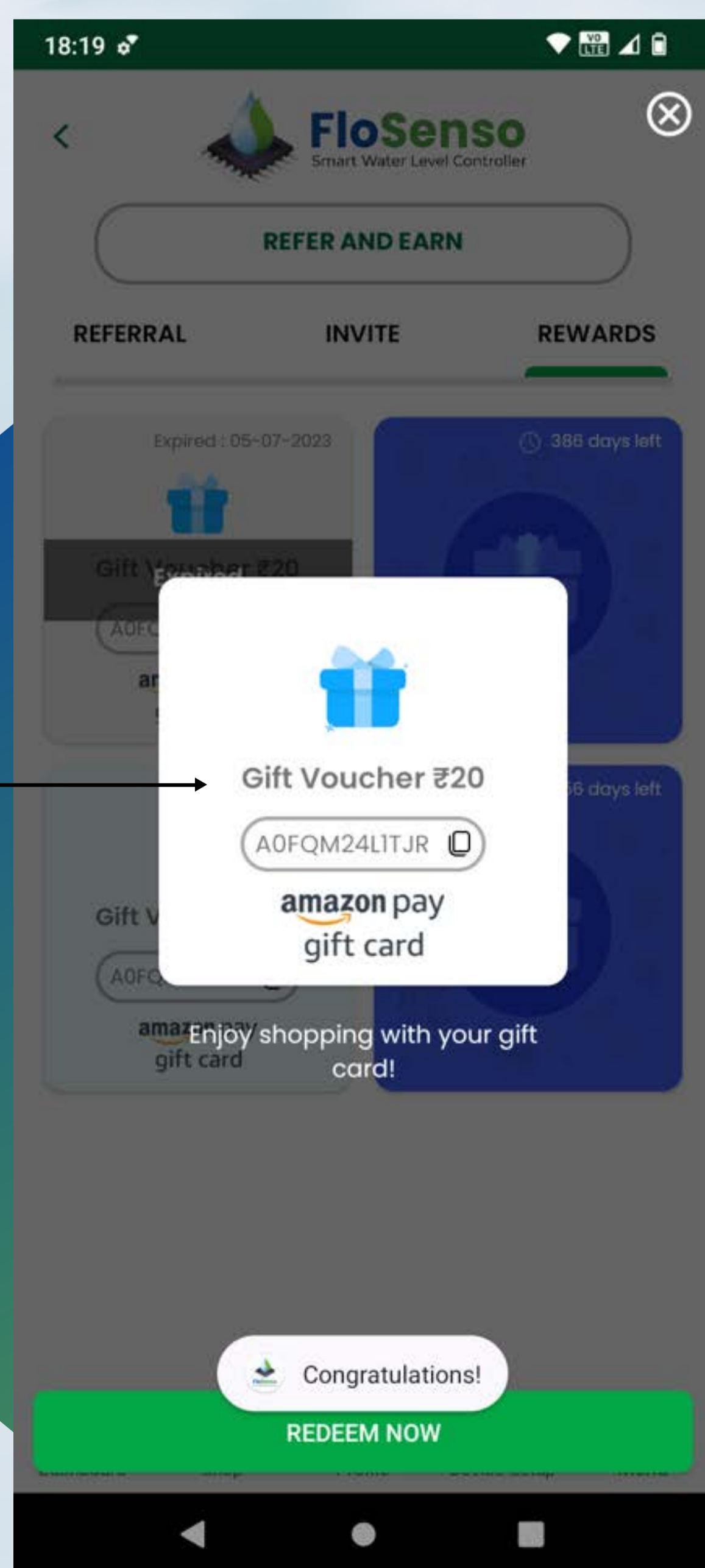
► Coupon Code

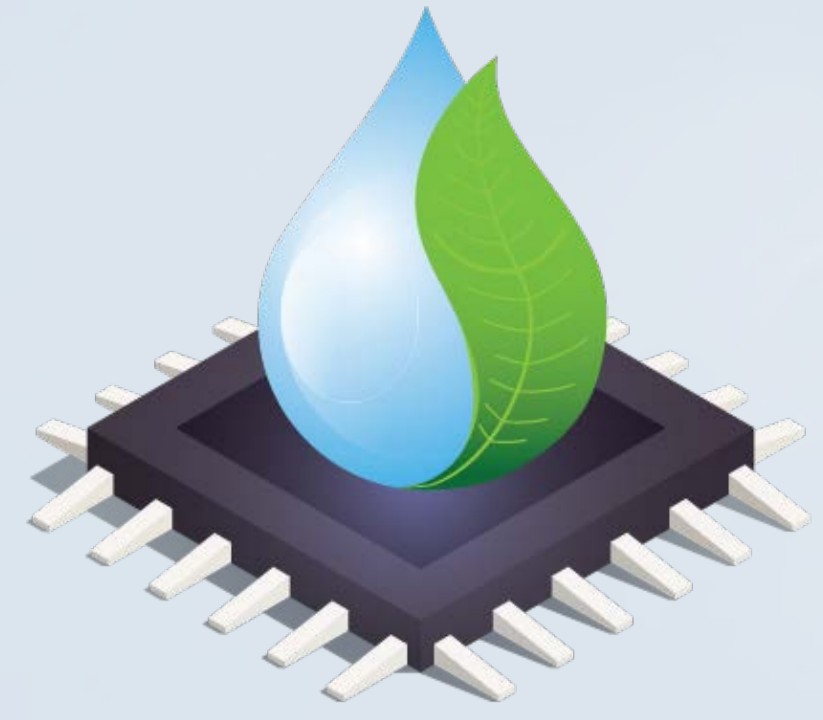
Scratch the Coupon code to view coupon details



► Redeem Coupon Code

Click on Redeem now to visit website and redeem coupon

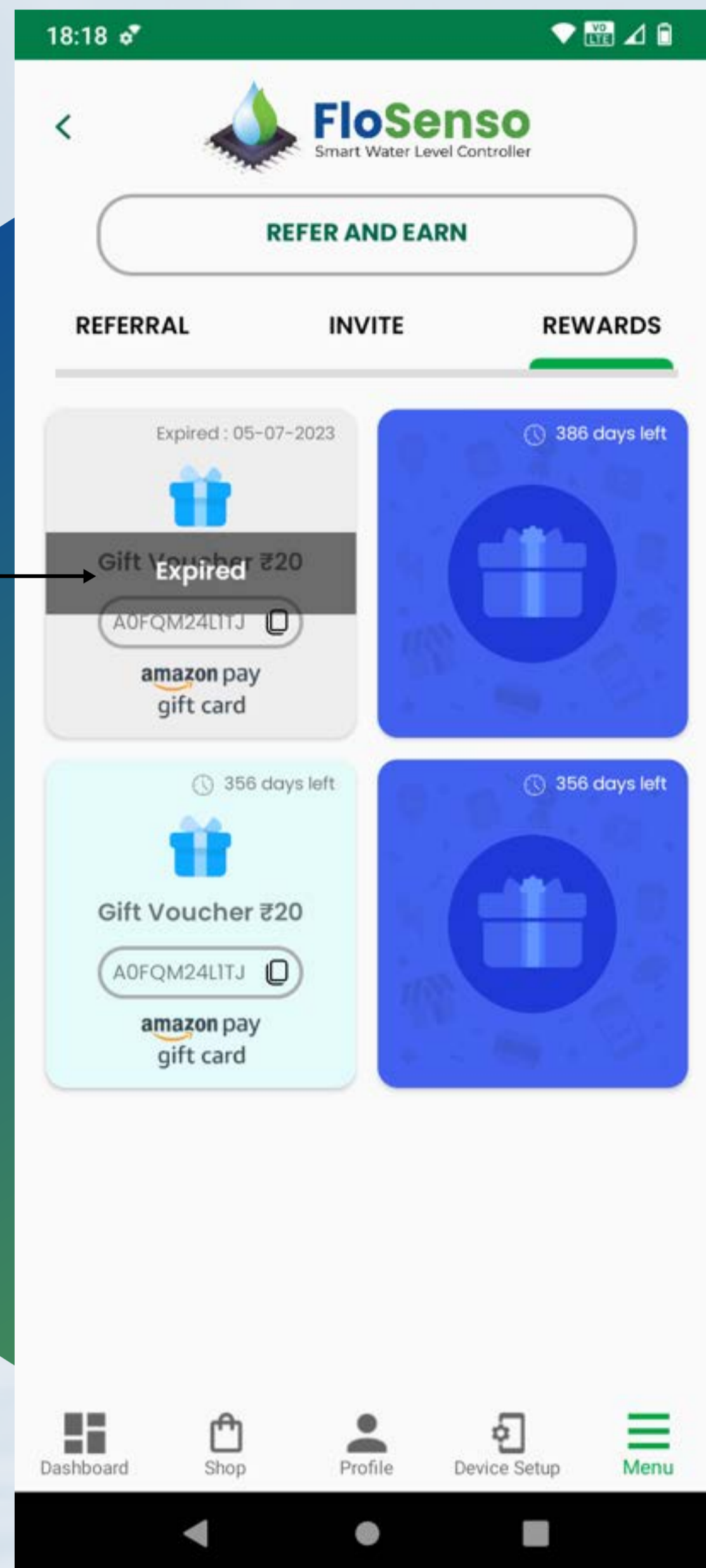


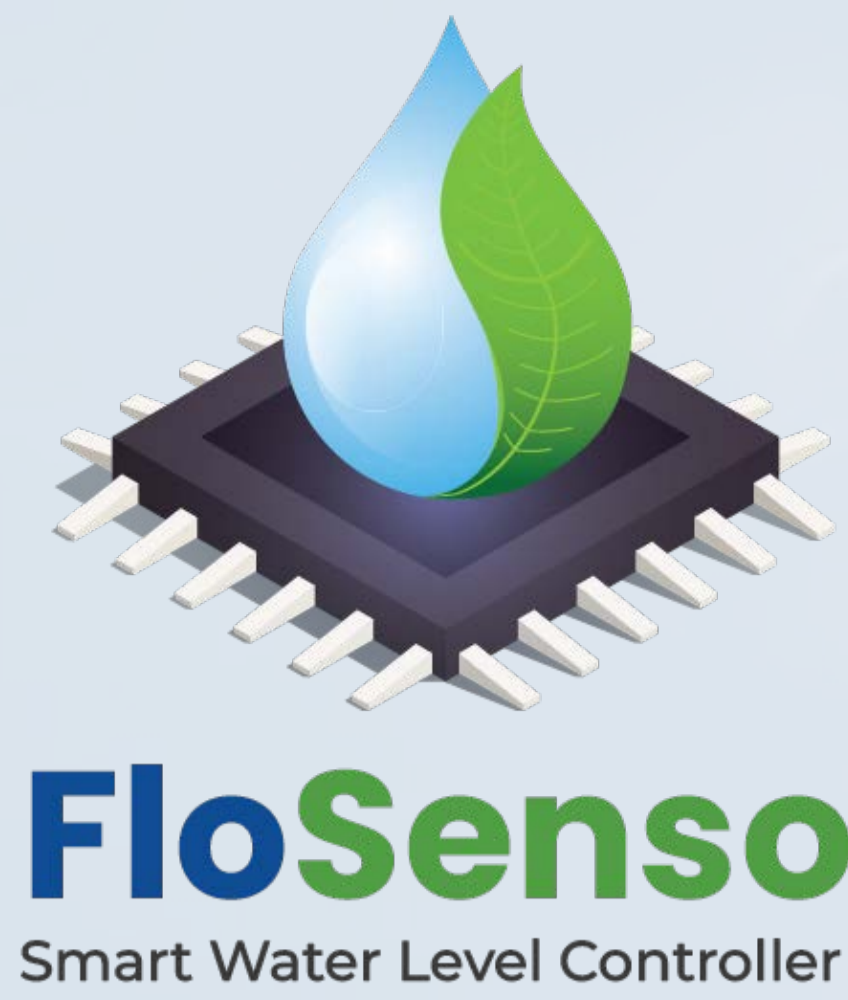


**FloSenso**  
Smart Water Level Controller

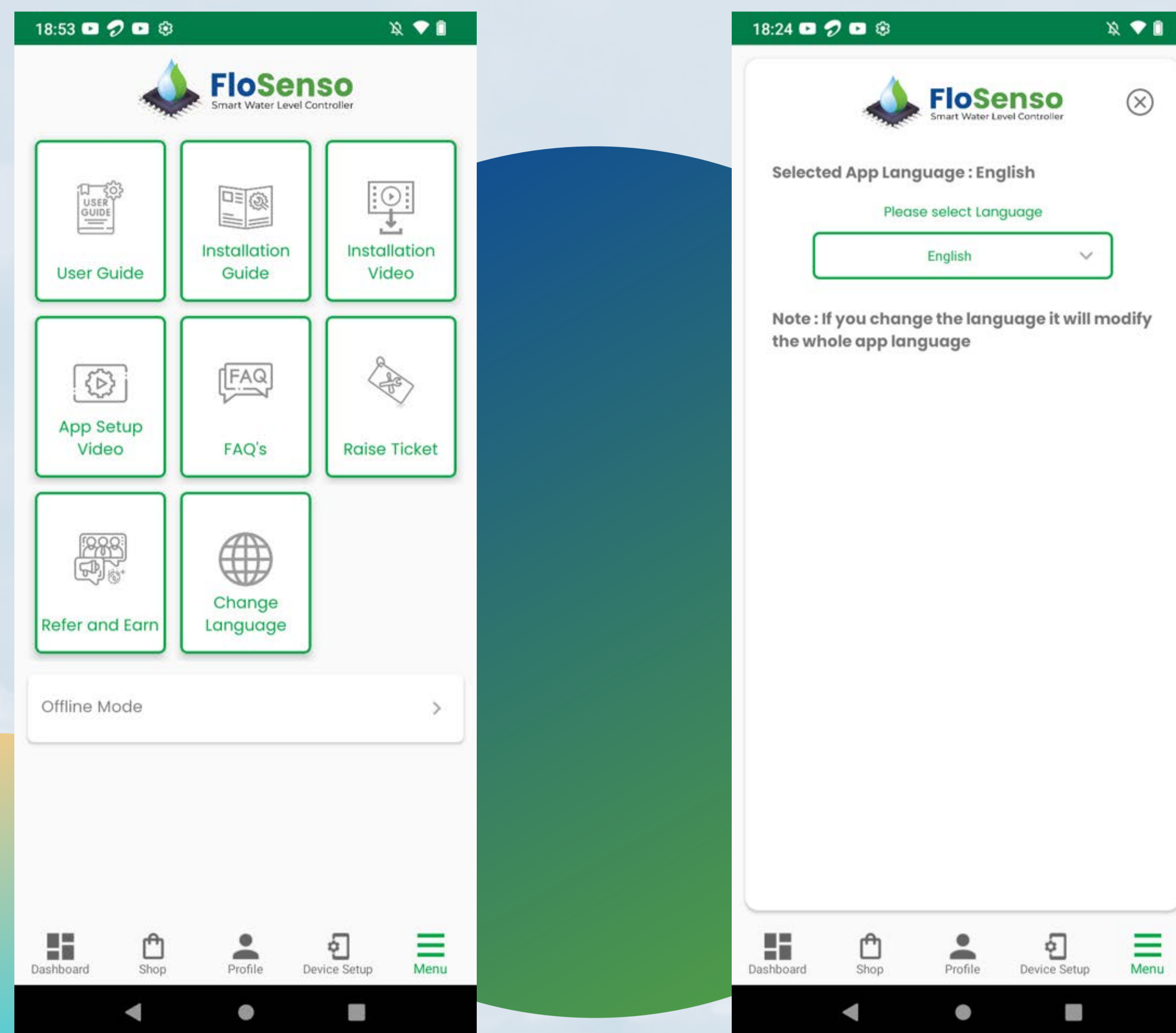
▶ Expired Coupon Code

Your Coupon code is expired

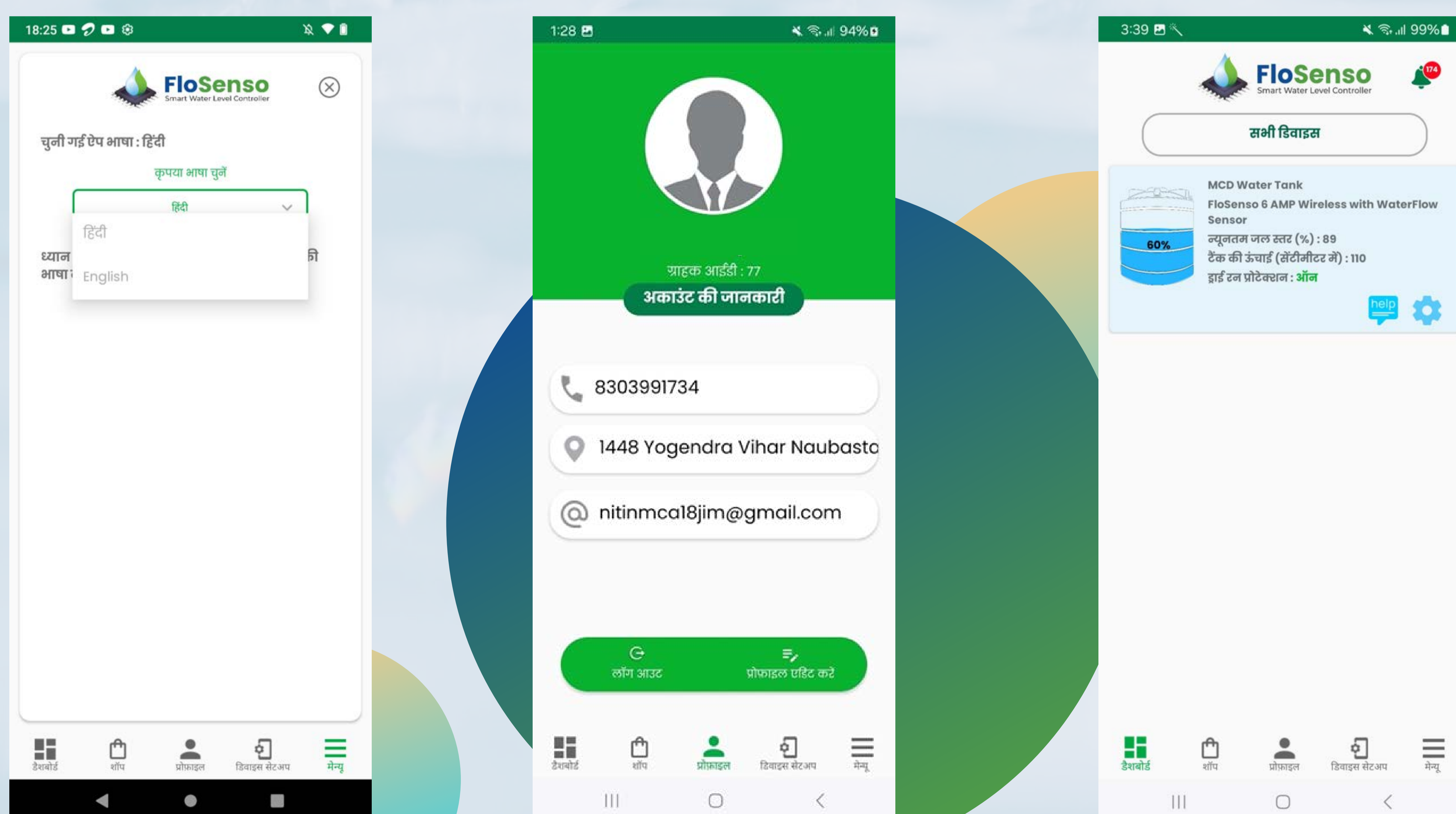


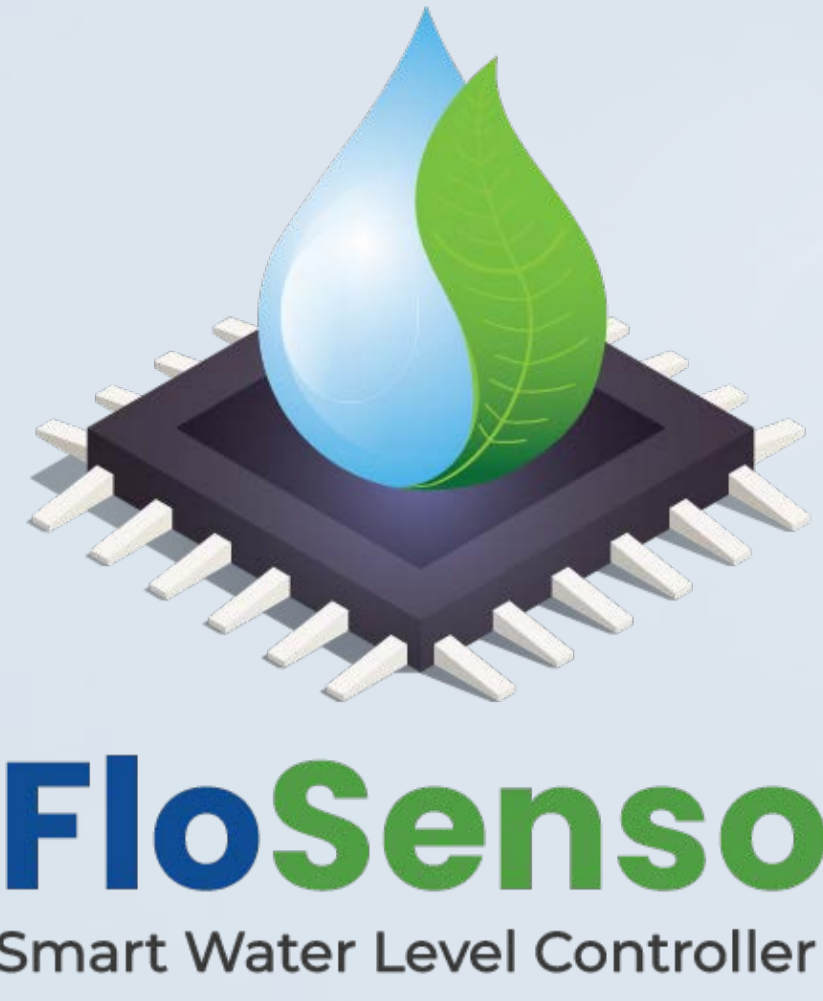


- ▶ Choose the option “Change Language” in the Menu Screen, to change the language.



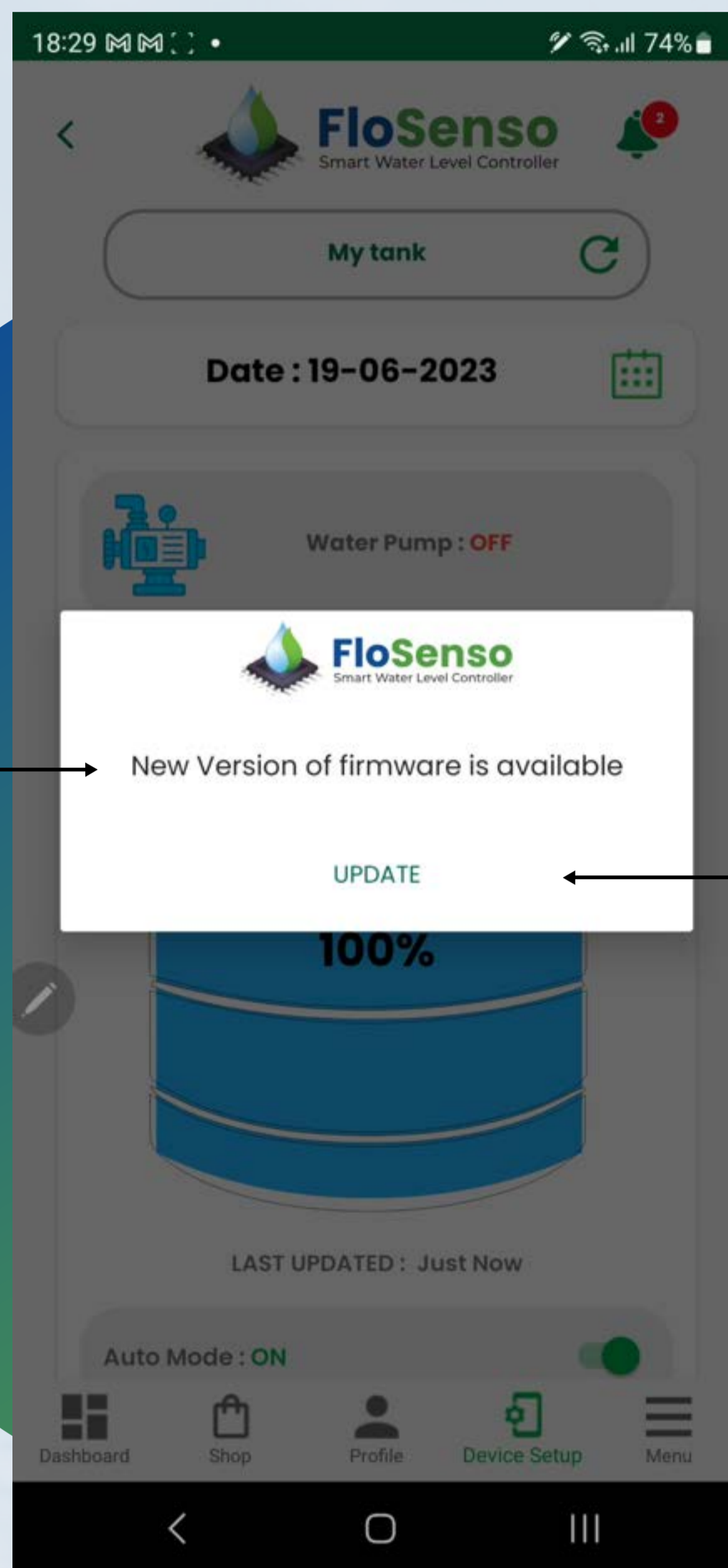
- ▶ Select the preferred language from the drop down list. The complete app language changes to the selected language.





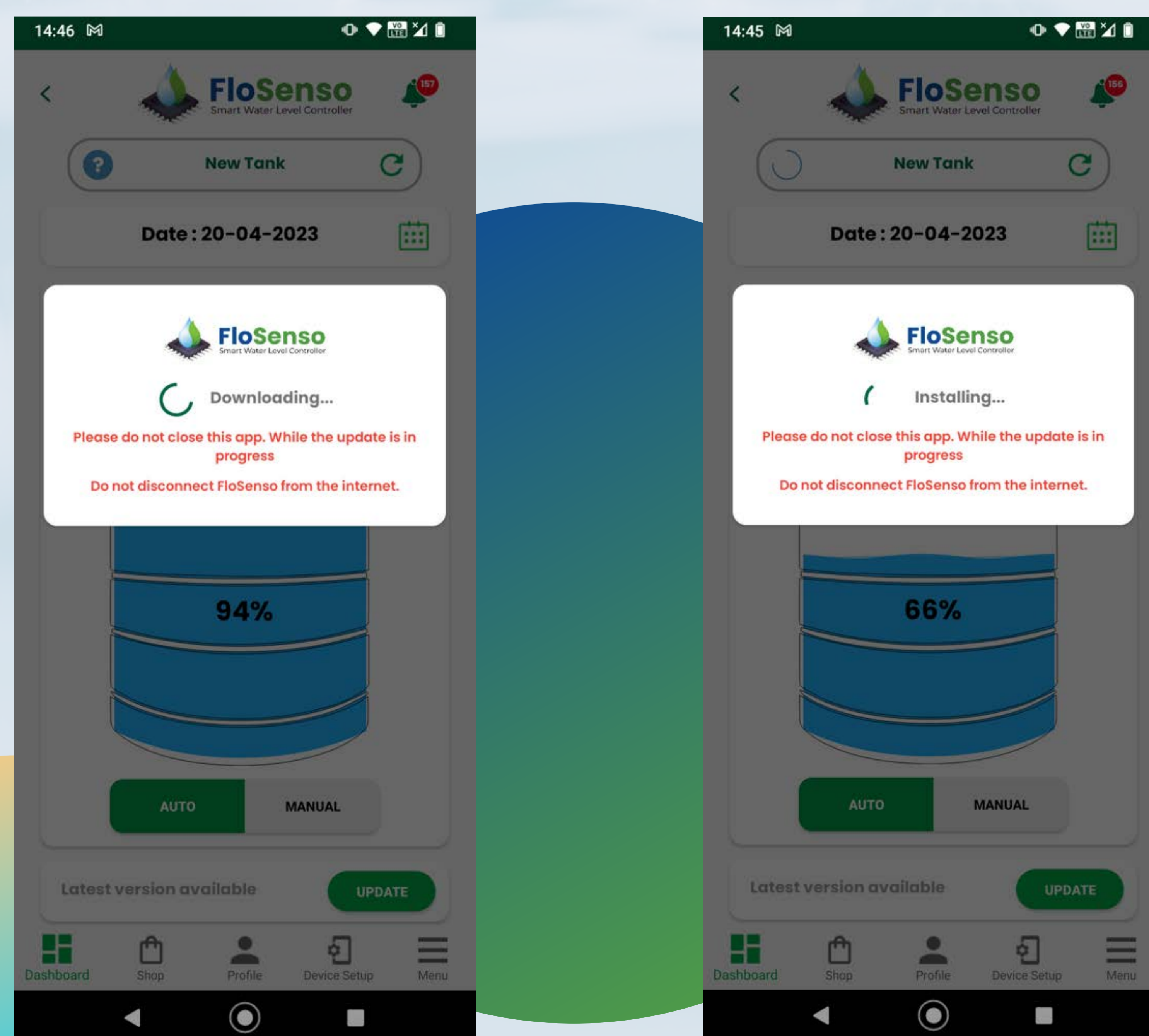
► Device update -

Update option will be visible when new update is available

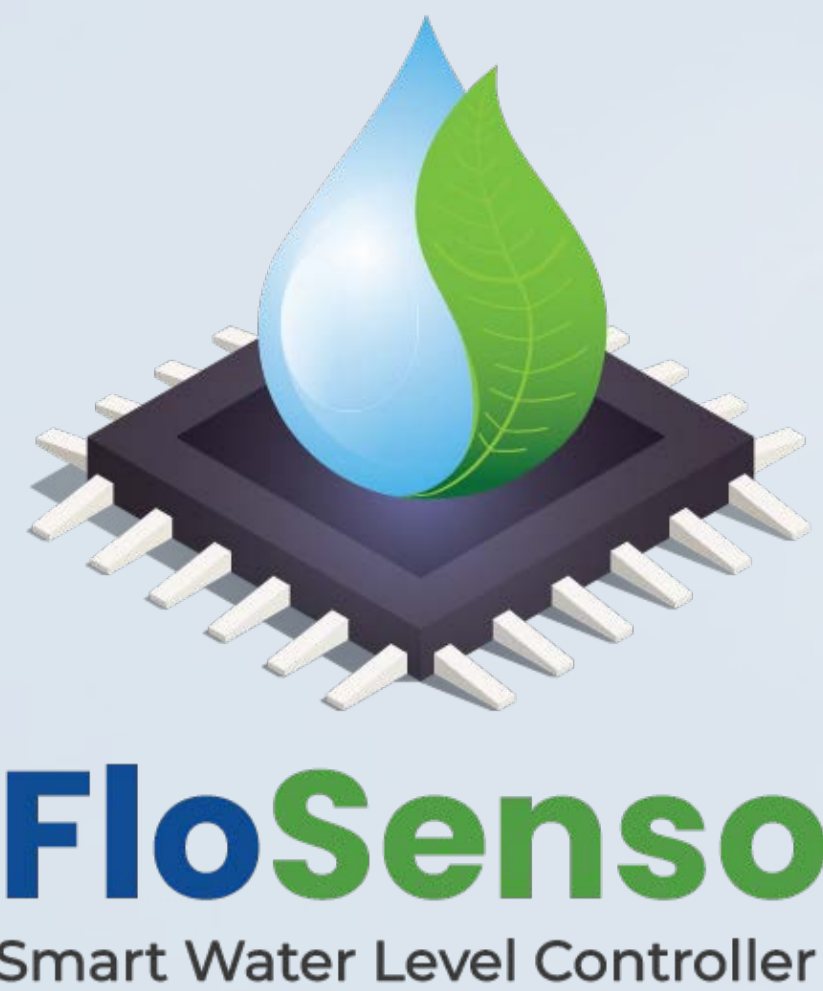


Click on Update to begin download and installation

► After tapping update button, the latest version of device firmware is downloaded and installed



Note : Do not close the app or press back button while installation is under process and make sure internet is connected.

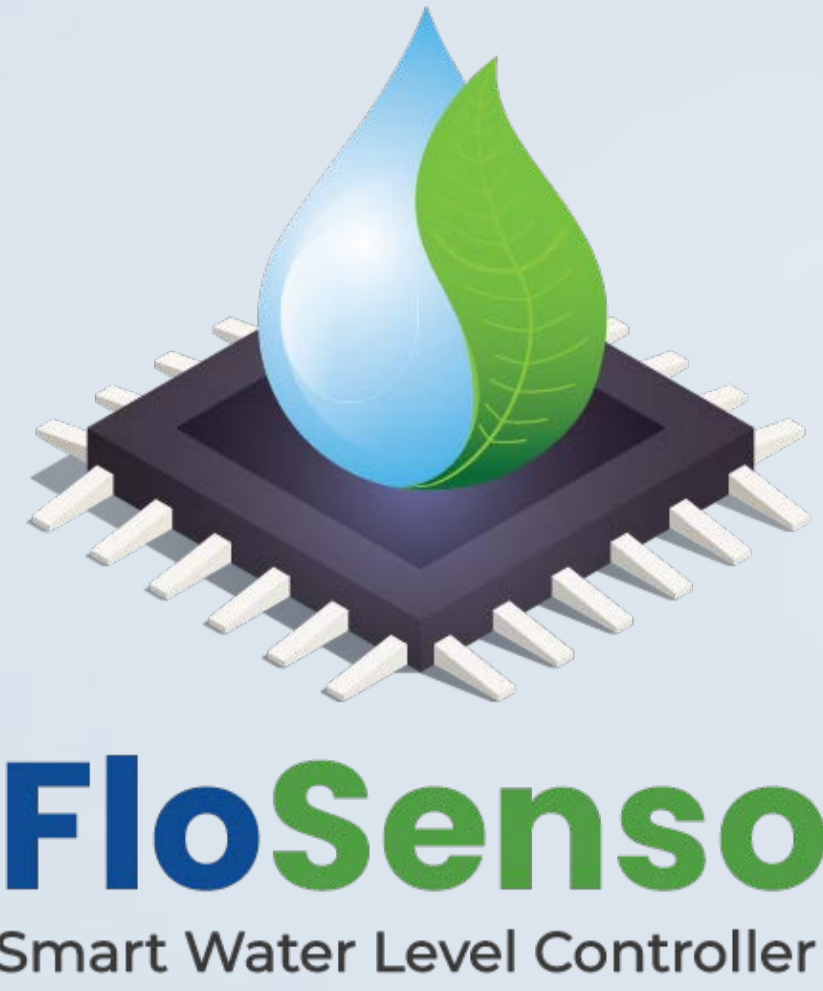


## ▶ Device Information - Controller



### Important Notes :

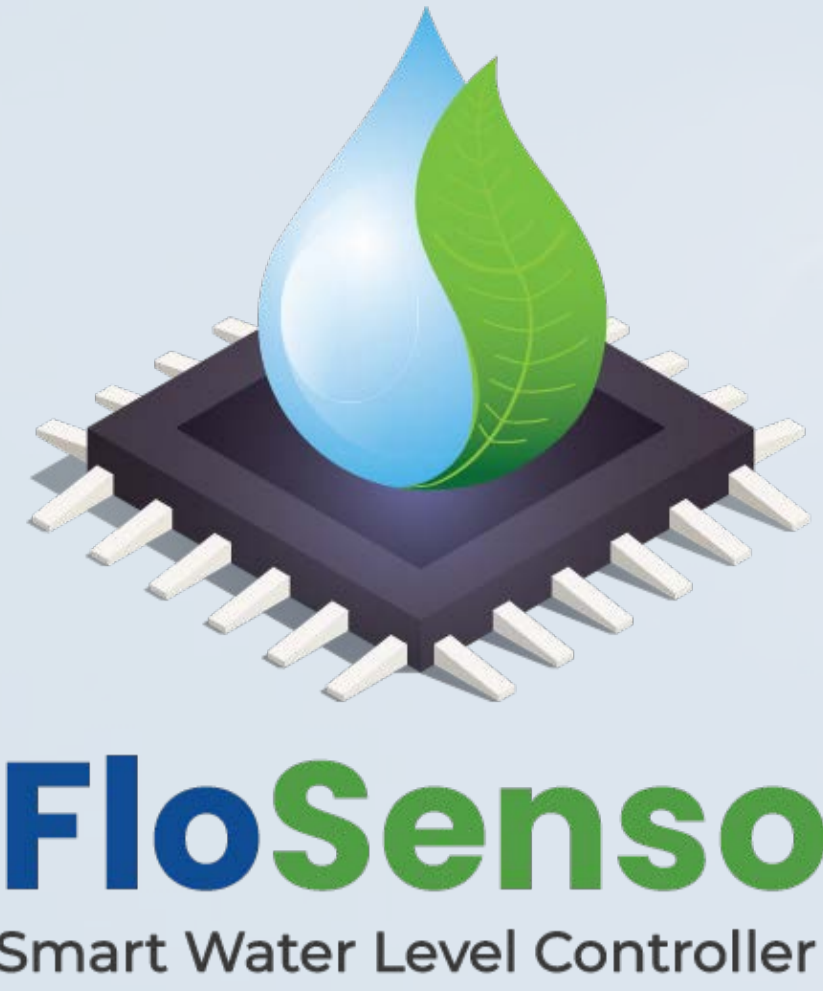
- ▶ There can be a mild variation in the readings at times because of the high humidity inside the tank This is self resolving. In case issue does not resolve, open the tank lid, leave it open for a few minutes and then close the lid.
- ▶ In case there is an air pocket in the pump (common occurrence in summers when water supply is disrupted), unplug FloSenso and plug-in the water pump plug directly into the power socket. Switch it on and let the pump run. Air will escape in a few minutes ,pump will start operating normally.



## Glossary

### Terms used in the Guide and their meaning

- ▶ **Controller** - The device that automatically controls the Water pump based on the inputs from the sensor or manually through FloSenso App
- ▶ **Sensor** - The device that is placed in water Tank Lid to measure the water Level
- ▶ **Sensor Wire** - Connecting and transmitting signal between Controller and the sensor
- ▶ **Controller Hotspot** - Press the Button three times on Controller to activate Hotspot mode, Once activated you will see “**GREEN**” color Led light up on the controller. Now Open your Smartphone Wi-Fi to look for Hotspot name “FLOSENSO\_XXXX” where xxxx is system generated 4 digits unique to your device. Click on FloSenso\_XXXX and enter password 12345678
- ▶ **Wi-Fi** - Wi-Fi is referred to your home/office Wi-Fi Router. You must connect FloSenso device to Wi-Fi so that you can access and manage your device from anywhere. If you do not have home Wi-Fi, you can create a hotspot from any mobile device(remember use this only if you do not have a dedicated Wi-Fi at home/office. Enter Wi-Fi SSID and Wi-Fi password when asked for details during device setup.
- ▶ **Tank Name** - Water Tank installed at your home/office in which FloSenso Sensor is installed.
- ▶ **Tank Height** - Measure the height from the bottom of the tank to the sensor placed in Tank.
- ▶ **Dry Run Protection** - Dry run protection is intended to prevent a pump from operating without water. This can damage the pump. To protect the pump, you can enable dry run protection. The pump automatically switches off, when there is no water supply.
- ▶ **Minimum Water Level / Threshold Water Level** - When your water pump is configured in Auto mode in FloSenso App. FloSenso will automatically turn on the Motor when the Water falls below the Threshold Level. Let's assume that Threshold Level is set at 50%, FloSenso will activate the Water Pump whenever water falls below 50% in Tank. FloSenso will maintain at least 50% water level in Tank



## Glossary

### Terms used in the Guide and their meaning

- ▶ **Sensor Wire (ONLY in the Wired model)**- Connects and transmits signal between the Controller & the Sensor
- ▶ **Sensor Adapter(ONLY in the Wireless model)** - Gives power supply to the Sensor. When the adaptor is switched on to resume power supply, an LED light on the adaptor GLOWS RED. It is 5v 1amp.
- ▶ **Water Stop Level** - Maximum water level percentage allowed in the tank. Pump will automatically switch off when the water level reaches the defined value.
- ▶ **Dry Run Time** - Select time (in min).Water pump will operate for this duration to keep detecting water
- ▶ **Line Sensor** - This sensor checks if there is water in the main water supply pipe.
  - On detection of water by this sensor, the water pump starts operating.
  - If no water is detected by this sensor, the water pump does not switch on at all.