

# SmartGrow

SPQ Inc.

Care for Your Plants, Anytime,  
Anywhere



# Introduction

## What is SmartGrow?

SmartGrow is your intelligent home gardening assistant that takes the guesswork out of plant care. Whether you're growing herbs, vegetables, or houseplants in a cozy apartment or balcony garden, SmartGrow ensures each plant gets exactly what it needs to thrive.



## What it Does?

Monitors Plant Health

Automates Care

Easy to Use



## Why You'll Love It

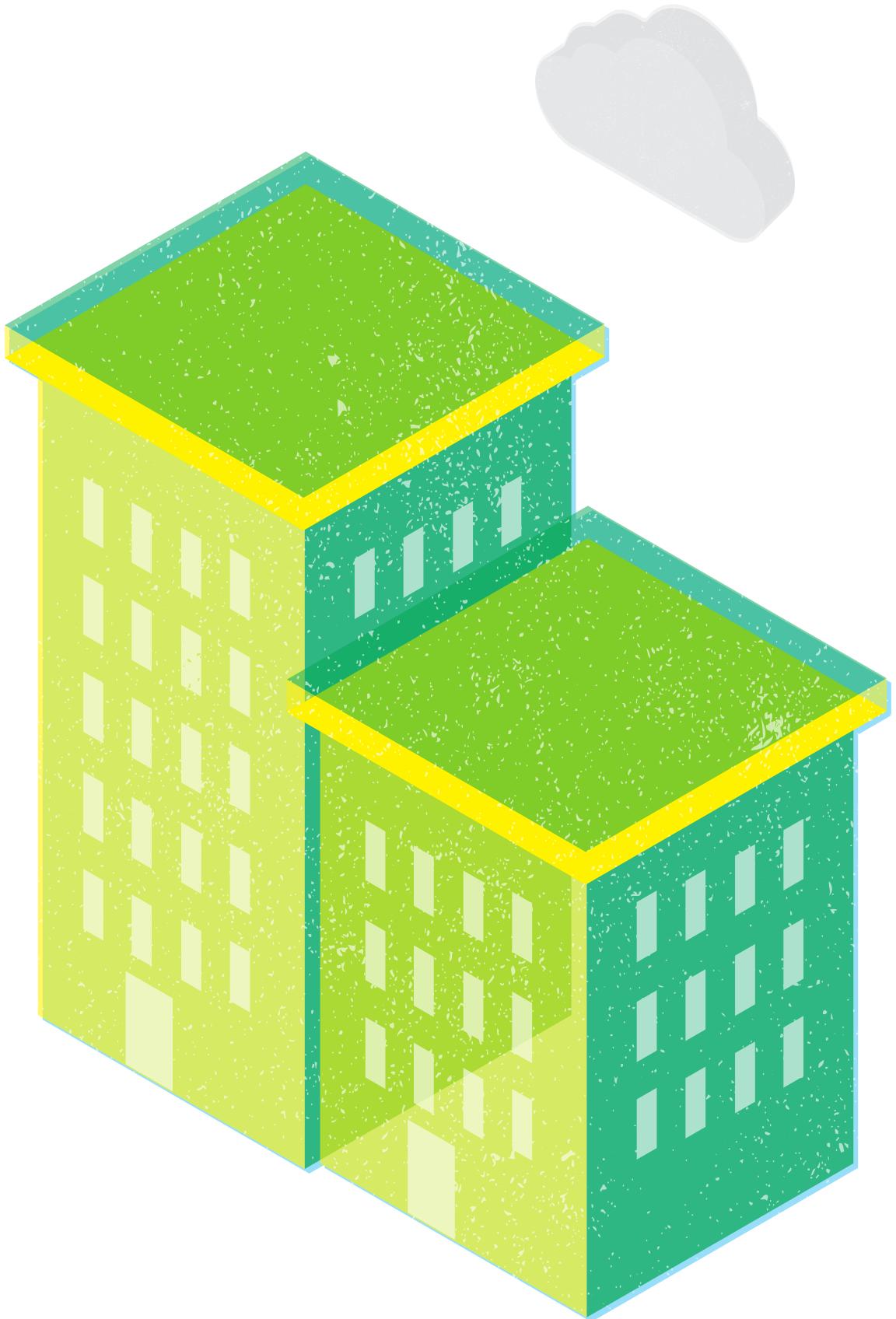
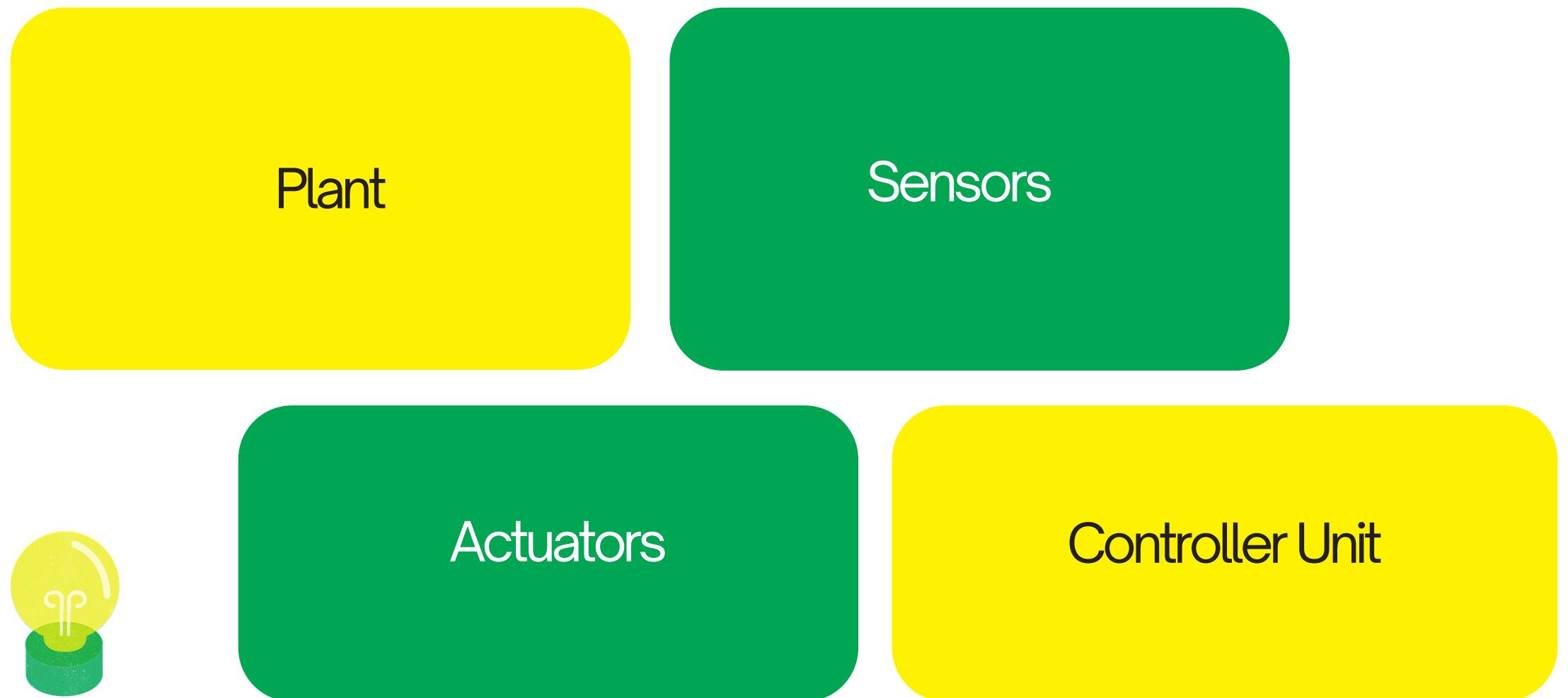
Save time and avoid over or under-watering

Keep all your plants happy, even with a busy schedule

View beautiful charts of your plants' history and progress

# Product Overview

System Component





Login [Sign Up](#)

# Intelligent Plant Care Made Simple

Monitor, automate, and optimize your plant care with SmartGrow's intelligent system. Perfect for home gardens and professional growers alike.

[Get Started](#)

[Learn More](#)

Click here for log in or sign up  
with new account

## See SmartGrow in Action

Watch how SmartGrow transforms your gardening experience with intelligent automation

SmartGrow Teaser Video



SmartGrow

## Create your account

Already have an account? [Sign in](#)

Full name

Email address

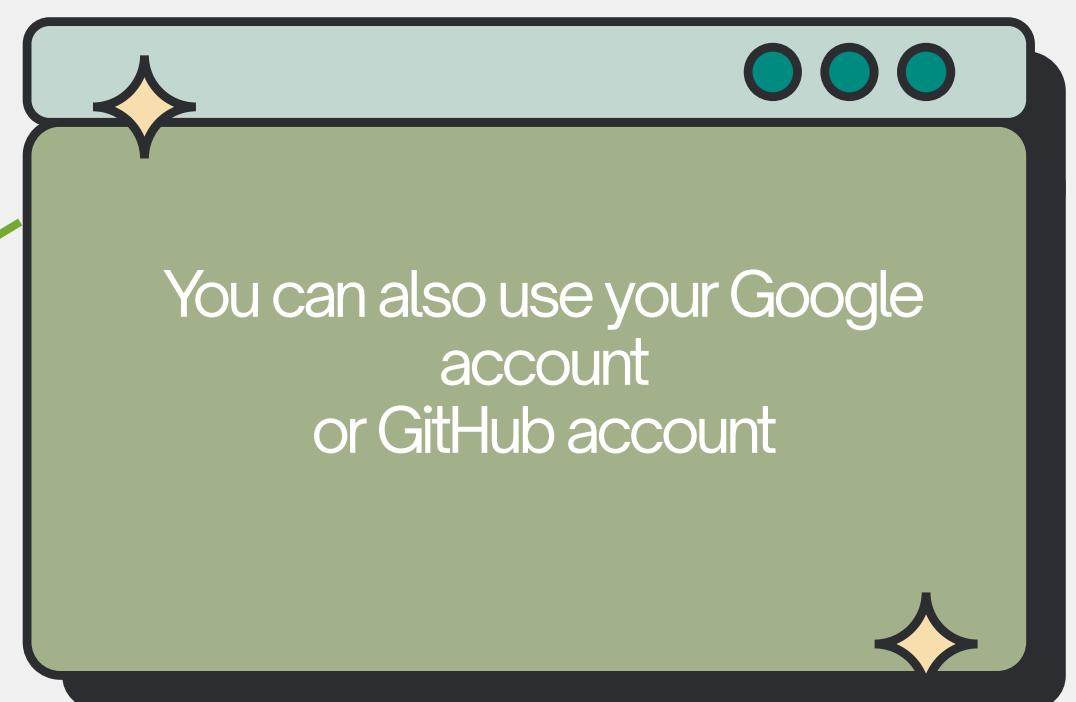
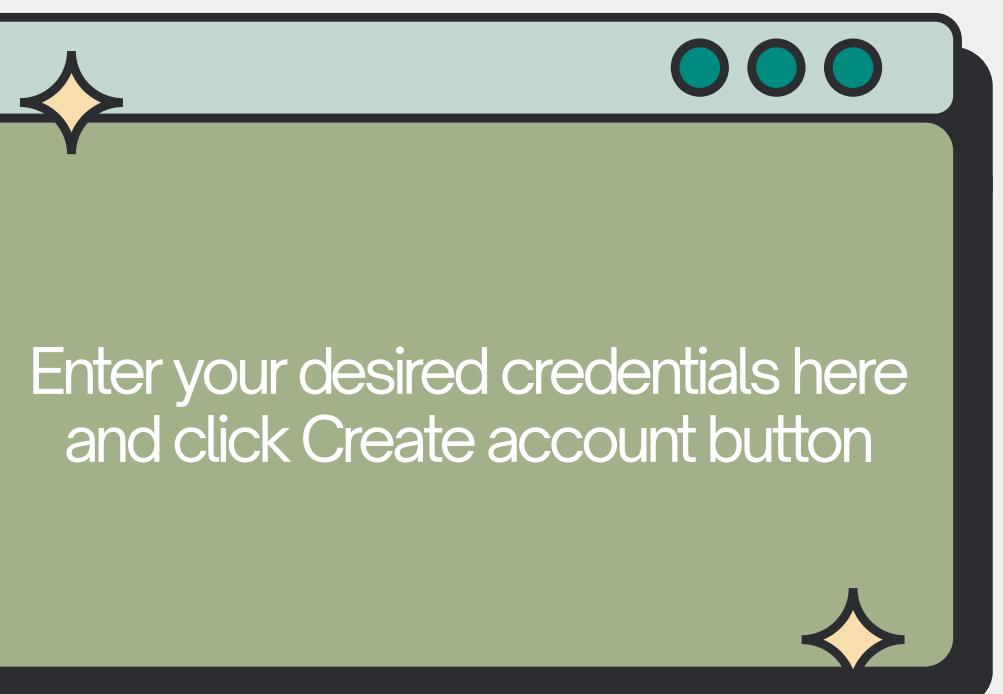
Password

I agree to the [Terms of Service](#) and [Privacy Policy](#)

[Create account](#)

Or continue with

[Google](#) [GitHub](#)



Dashboard

Plant Profiles

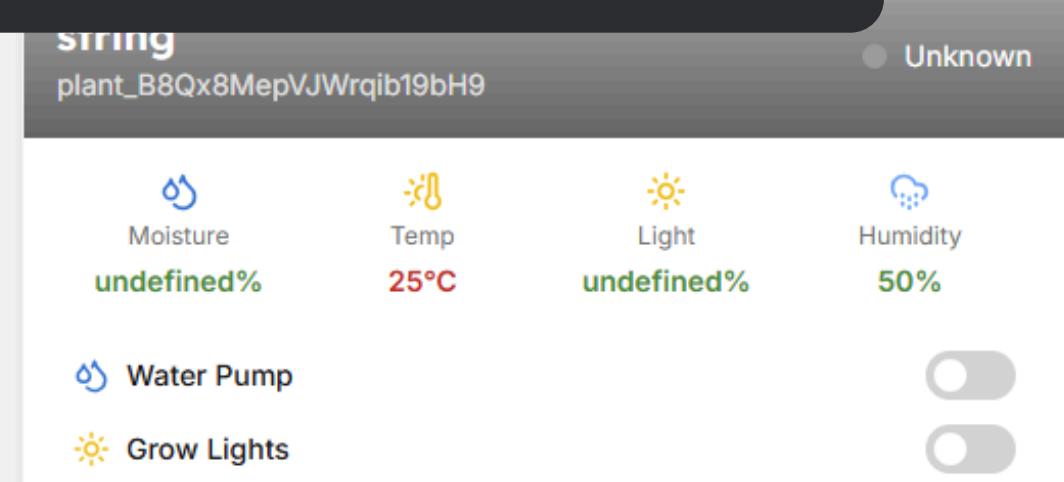
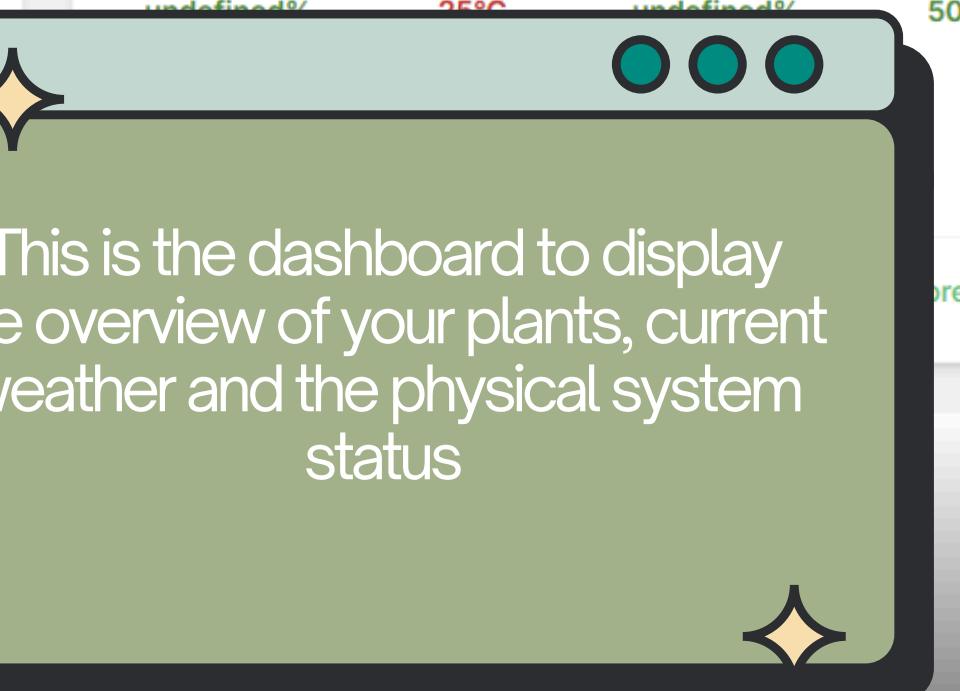
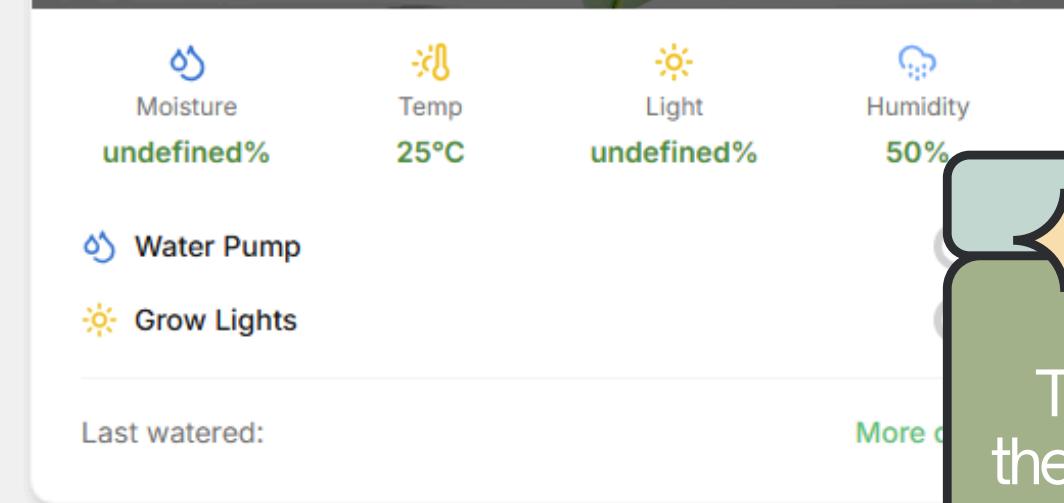
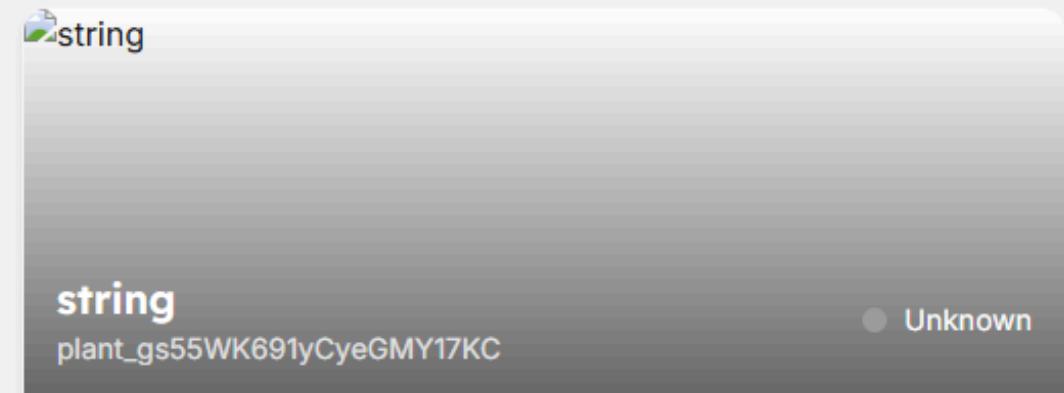
Historical Data

Alerts

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Settings

## Plant Monitoring



## System Status

### System Status

LoRaWAN Connection	
Cloud Server	
Water Pump	
Grow Lights	
Fans	

Last system sync: 2 minutes ago

### Local Weather

24°C Partly Cloudy

Humidity: 68% Wind: 12 km/h

### 3-Day Forecast

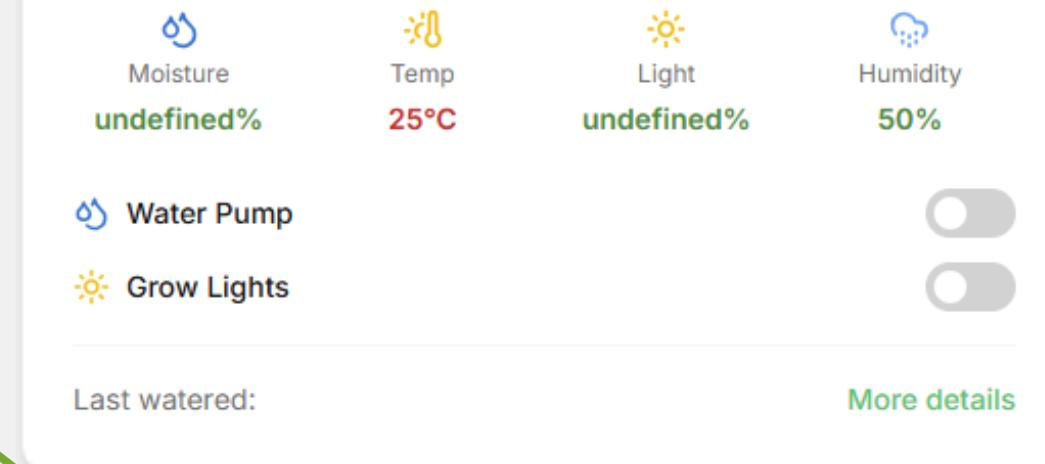
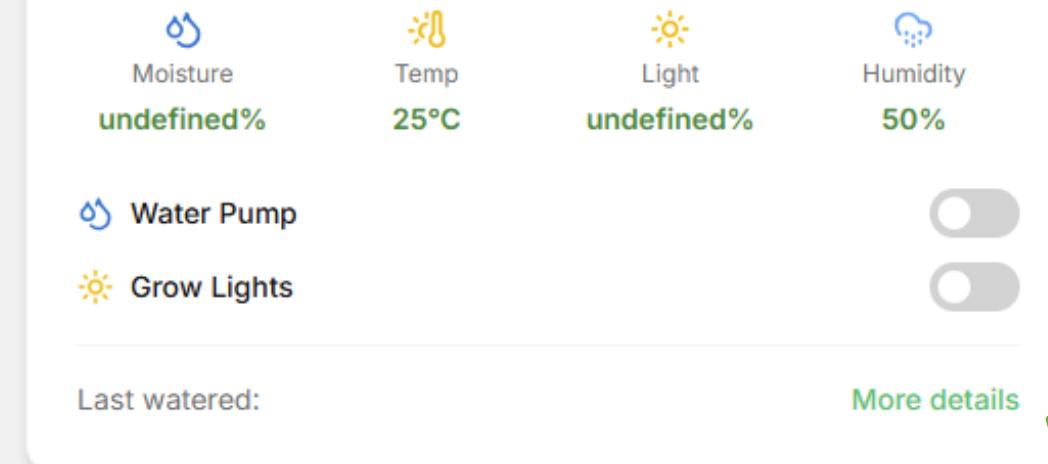
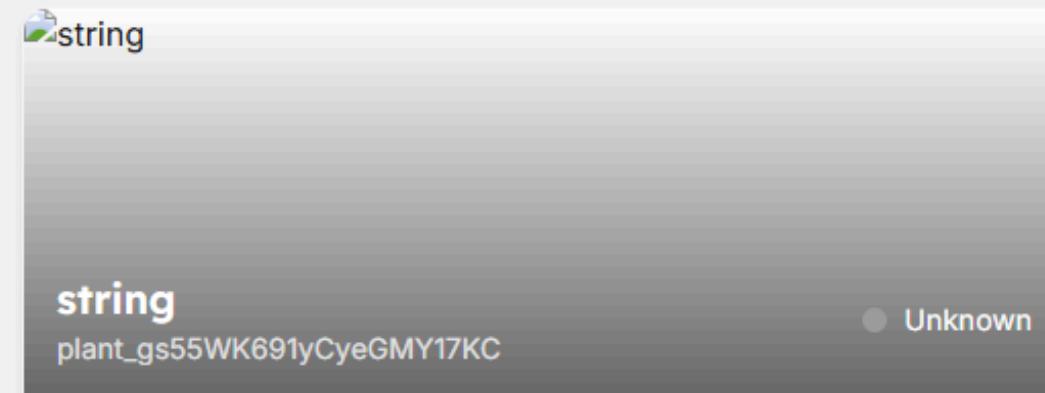
Today 24°C Partly Cloudy	Tomorrow 26°C Sunny	Wed 22°C Rain
--------------------------------	---------------------------	---------------------

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## Plant Monitoring



Click here to view the plant details

## System Status

### System Status

LoRaWAN Connection

Cloud Server

Water Pump

Grow Lights

Fans

Last system sync: 2 minutes ago

## Local Weather

24°C Partly Cloudy

Humidity: 68%

Wind: 12 km/h

### 3-Day Forecast

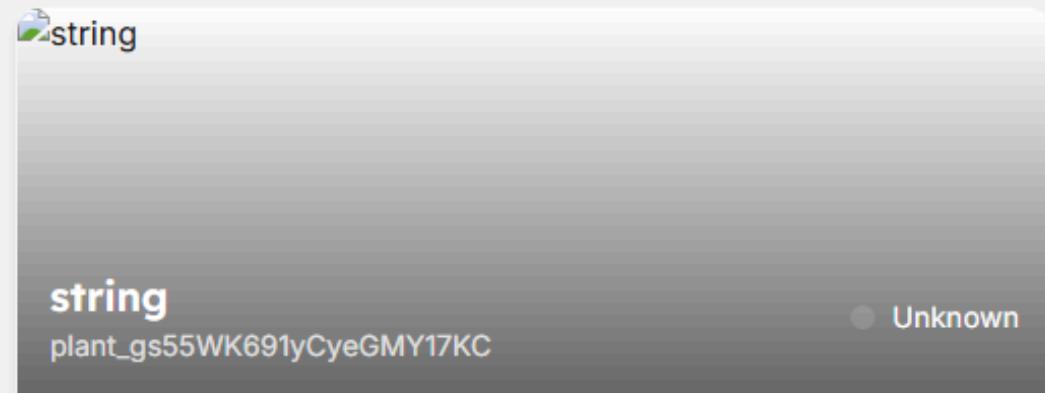
Today  
24°C  
Partly Cloudy

Tomorrow  
26°C  
Sunny

Wed  
22°C  
Rain

 Dashboard Plant Profiles Historical Data Alerts 2 Settings

## Plant Monitoring



Moisture: undefined% | Temp: 25°C | Light: undefined% | Humidity: 50%

Water Pump

Grow Lights

Last watered:

[Less details](#)

## Threshold Settings

Moisture Range:  
30% - 60%

Temperature Range:  
20°C - 30°C

Light Range:  
50% - 80%

Last watered:

[Less details](#)

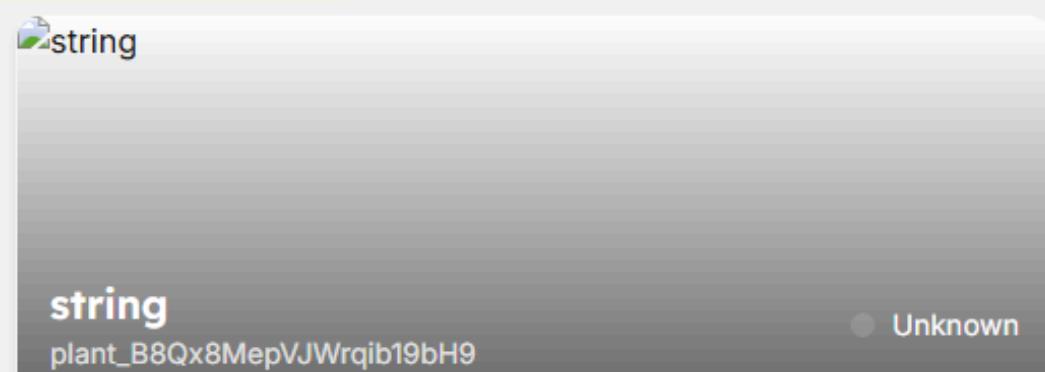
## Threshold Settings

Moisture Range:  
1% - 20%

Temperature Range:  
1°C - 20°C

You can view and edit the thresholds level for each of your actuators

[Edit thresholds](#) ←



## System Status

## System Status

LoRaWAN Connection



Cloud Server



Water Pump



Grow Lights



Fans



Last system sync: 2 minutes ago

## Local Weather

24°C  
Partly Cloudy

Humidity: 68%

Wind: 12 km/h

## 3-Day Forecast

Today  
24°C  
Partly Cloudy

Tomorrow  
26°C  
Sunny

Wed  
22°C  
Rain

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## Plant Monitoring



Water Pump  
Grow Lights

Last watered:

## Threshold Settings

Moisture Range:  
30% - 60%

Temperature Range:  
20°C - 30°C

Light Range:  
50% - 80%

[Edit thresholds](#)

string

Unknown  
plant\_gs55WK69lyCyeGMYI/KC

Humidity: 50%  
Water Pump  
Grow Lights

Last system sync: 2 minutes ago

Fans

Less details

Edit ddd Thresholds

Thresholds

Moisture Range (%)  
30 to 60

Temperature Range (°C)  
20 to 30

Light Intensity (Lux)  
50 to 80

Humidity Range (%)  
[ ] to [ ]

Cancel Save Changes

Light Range:  
0% - 20%

Edit thresholds

## System Status

System Status

LoRaWAN Connection

Cloud Server

Water Pump

Grow Lights

Fans

Last system sync: 2 minutes ago

## Local Weather

24°C  
Partly Cloudy

Humidity: 68%

Wind: 12 km/h

## 3-Day Forecast

Today: 24°C Partly Cloudy

Tomorrow: 26°C Sunny

Wed: 22°C Rain

string

Unknown  
plant\_B8Qx8MepVJWrqib19bH9

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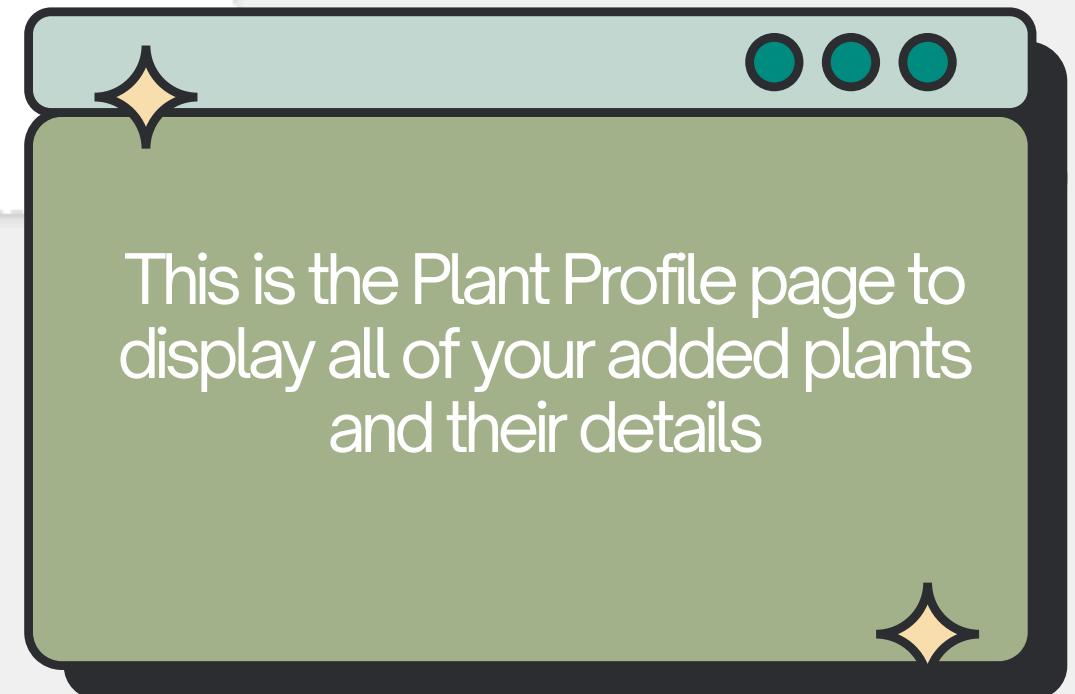
[Settings](#)

## Plant Profiles

[+ Add Plant](#)

### Add New Plant

Create a new plant profile to monitor and  
customize care settings

[+ Add Plant](#)

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## Plant Profiles

[+ Add Plant](#)

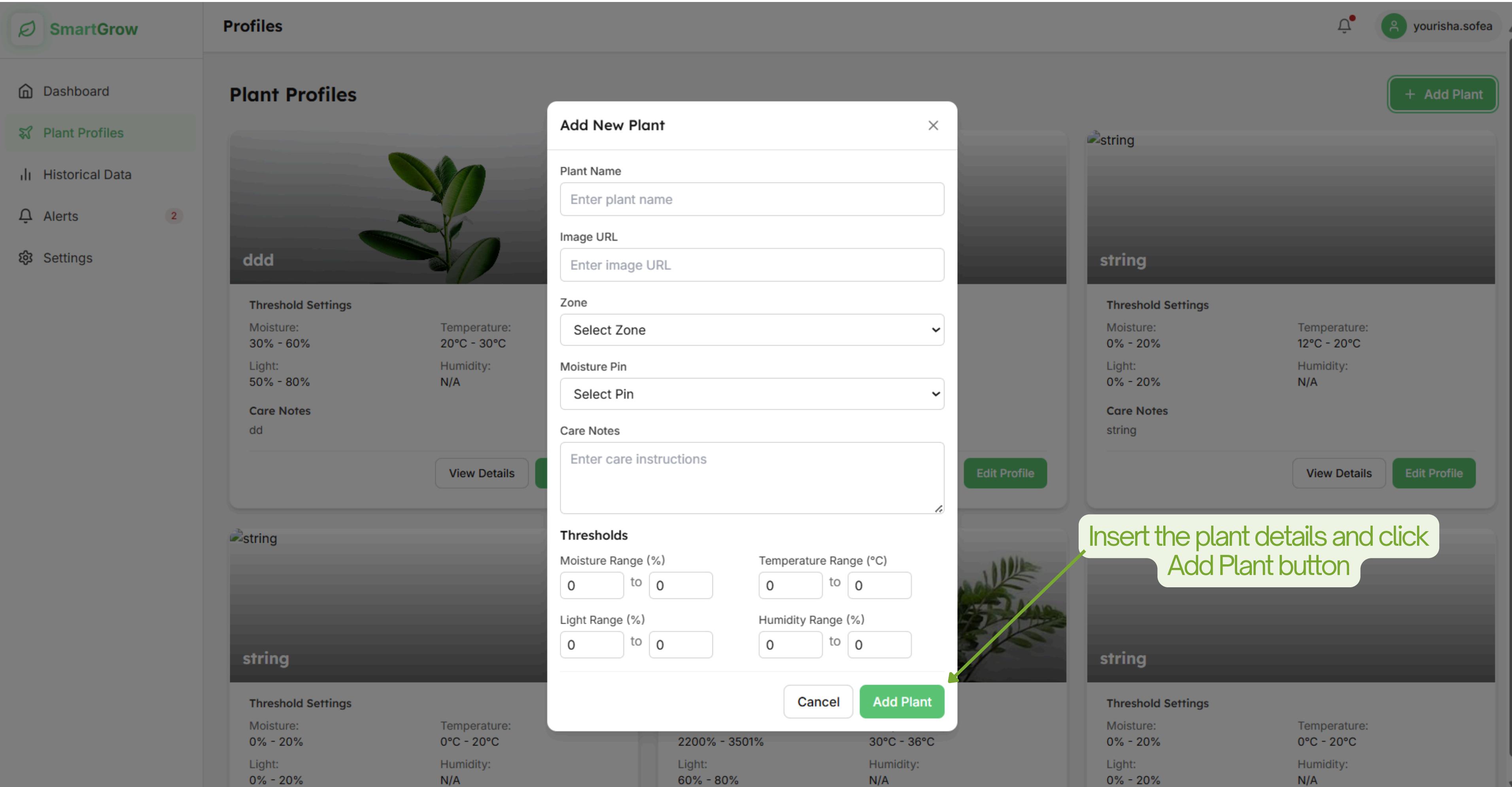
### Add New Plant

Create a new plant profile to monitor and customize care settings

[+ Add Plant](#)

Click either of these buttons to add any new plants





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## Plant Profiles

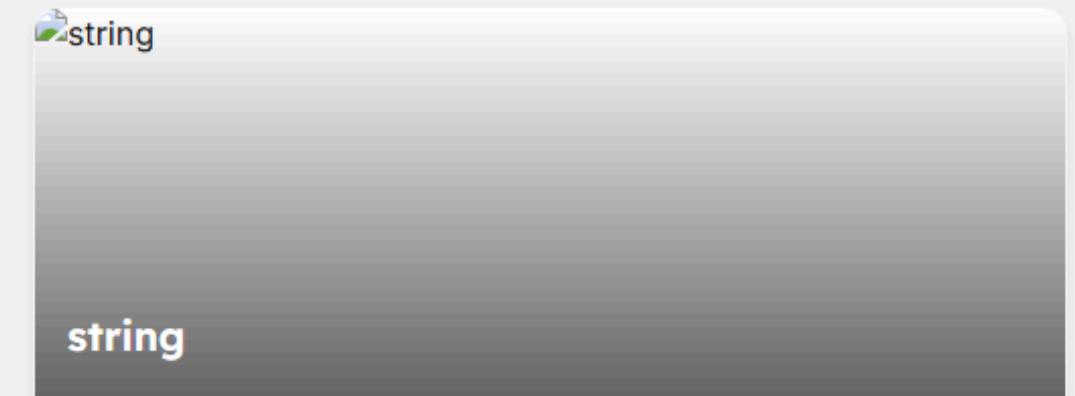
[+ Add Plant](#)

### Threshold Settings

Moisture:  
30% - 60%Light:  
50% - 80%Temperature:  
20°C - 30°CHumidity:  
N/A

### Care Notes

dd

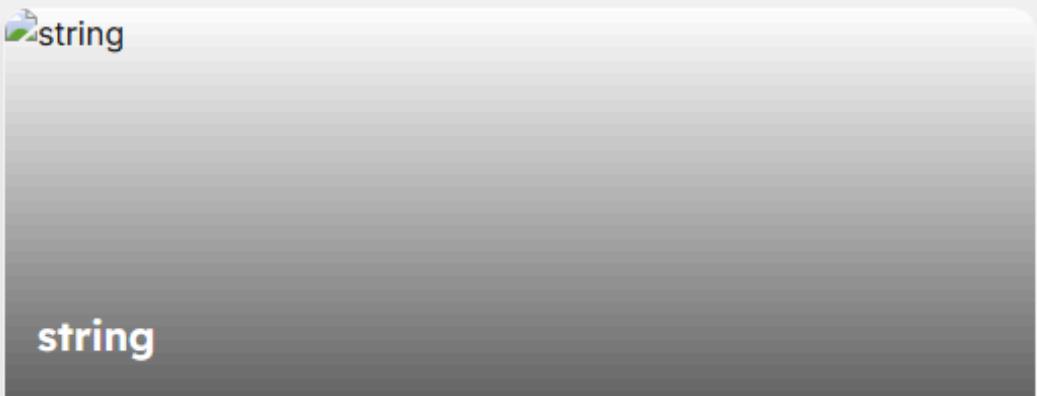
[View Details](#)[Edit Profile](#)

### Threshold Settings

Light:  
0% - 20%Humidity:  
N/A

### Care Notes

string

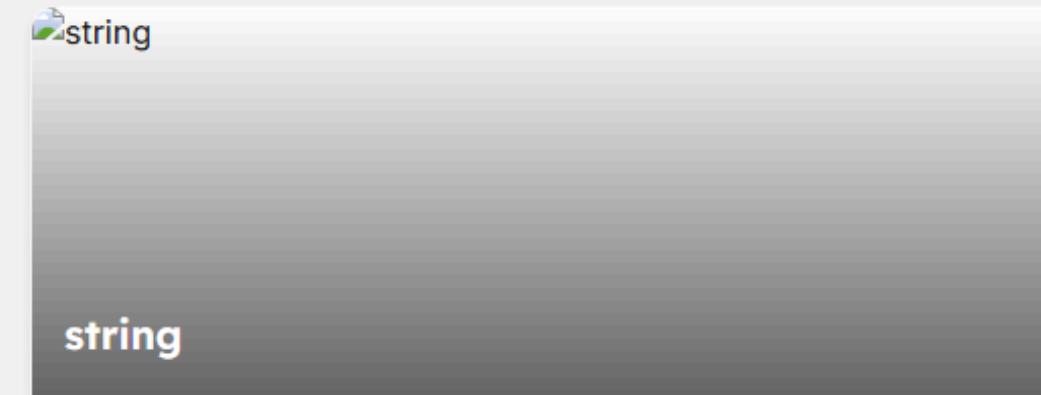
[View Details](#)[Edit Profile](#)

### Threshold Settings

Moisture:  
0% - 20%Light:  
0% - 20%Temperature:  
12°C - 20°CHumidity:  
N/A

### Care Notes

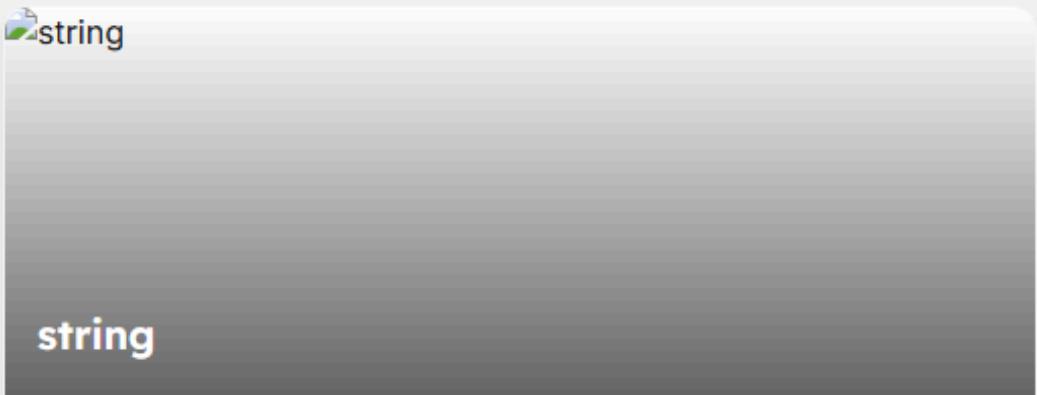
string

[View Details](#)[Edit Profile](#)

### Threshold Settings

Moisture:  
0% - 20%Light:  
0% - 20%Temperature:  
0°C - 20°CHumidity:  
N/A

### Threshold Settings

Moisture:  
2200% - 3501%Light:  
60% - 80%Temperature:  
30°C - 36°CHumidity:  
N/A

### Threshold Settings

Moisture:  
0% - 20%Light:  
0% - 20%Temperature:  
0°C - 20°CHumidity:  
N/A



SmartGrow

## Profiles



yourisha.sofea

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## Plant Profiles

+ Add Plant



## Threshold Settings

Moisture:  
30% - 60%Temperature:  
20°C - 30°CLight:  
50% - 80%Humidity:  
N/A

## Care Notes

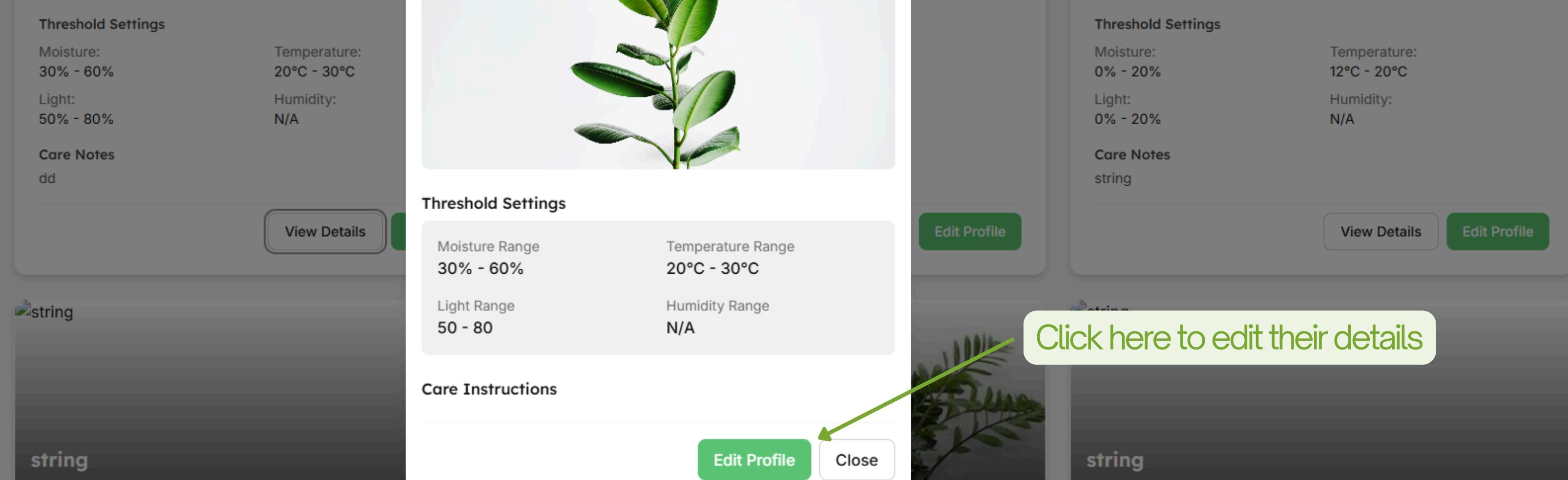
dd

[View Details](#)

## Threshold Settings

Moisture Range  
30% - 60%Temperature Range  
20°C - 30°CLight Range  
50 - 80Humidity Range  
N/A

## Care Instructions

[Edit Profile](#)[Close](#)

This is the plant details

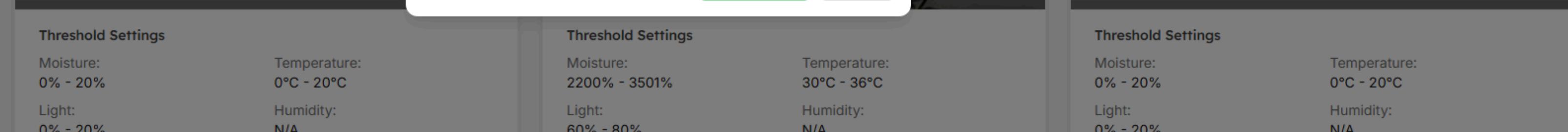
## string

## Threshold Settings

Moisture:  
0% - 20%Temperature:  
12°C - 20°CLight:  
0% - 20%Humidity:  
N/A

## Care Notes

string

[View Details](#)[Edit Profile](#)

Click here to edit their details

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## Plant Profiles

[+ Add Plant](#)

### Threshold Settings

Moisture:  
30% - 60%

Temperature:  
20°C - 30°C

Light:  
50% - 80%

Humidity:  
N/A

### Care Notes

dd

[View Details](#)

string

### Edit ddd Profile



#### Thresholds

##### Moisture Range (%)

30  to  60

##### Temperature Range (°C)

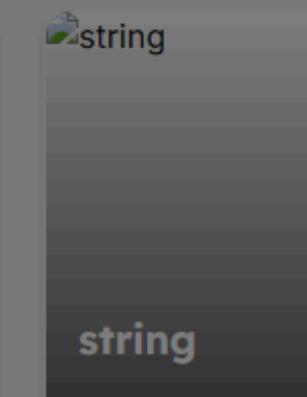
20  to  30

##### Light Range (%)

50  to  80

##### Humidity Range (%)

to

[Edit Profile](#)[Cancel](#)[Save Changes](#)

string

### Threshold Settings

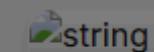
Moisture:  
0% - 20%

Temperature:  
12°C - 20°C

Light:  
0% - 20%

Humidity:  
N/A

Click Save Changes after you  
have change the desired value

[View Details](#)[Edit Profile](#)

string

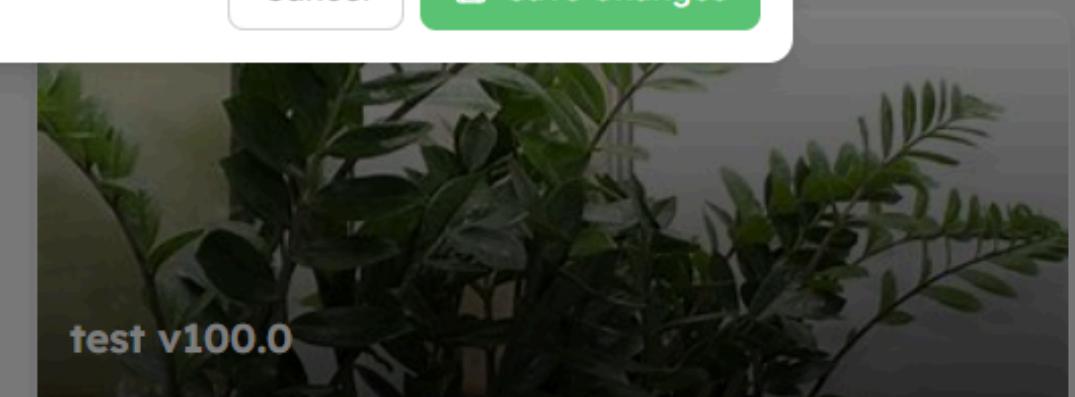
### Threshold Settings

Moisture:  
0% - 20%

Temperature:  
0°C - 20°C

Light:  
0% - 20%

Humidity:  
N/A



test v100.0

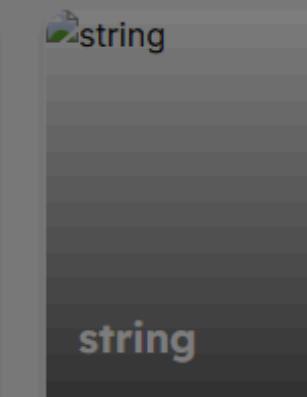
### Threshold Settings

Moisture:  
2200% - 3501%

Temperature:  
30°C - 36°C

Light:  
60% - 80%

Humidity:  
N/A



string

### Threshold Settings

Moisture:  
0% - 20%

Temperature:  
0°C - 20°C

Light:  
0% - 20%

Humidity:  
N/A



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History



yourisha.sofea

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## Historical Data

All Plants

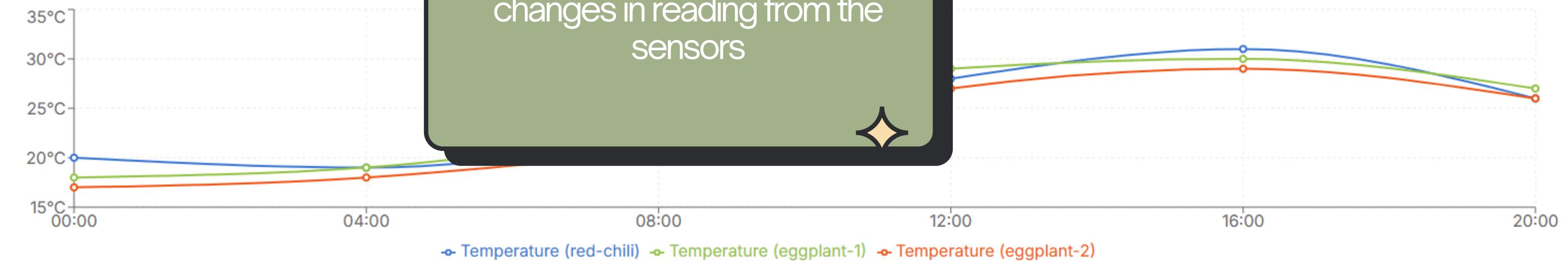
24 Hours

### Moisture



This is the historical data visualised in graph to show the changes in reading from the sensors

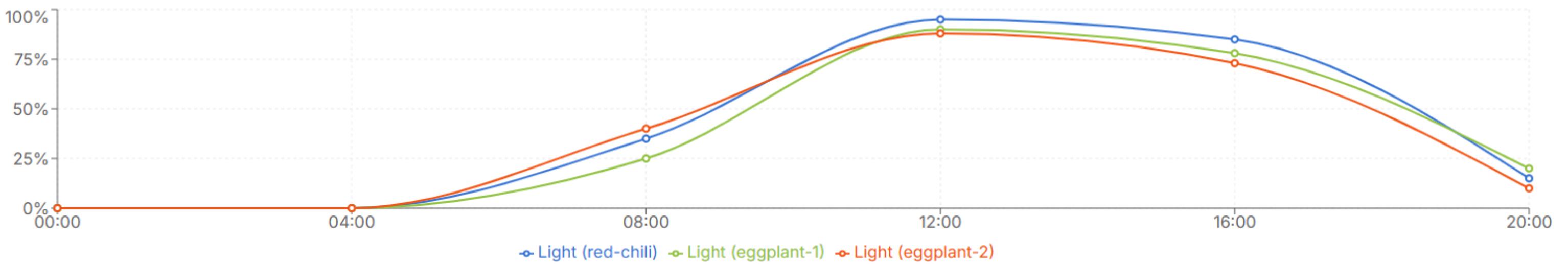
### Temperature



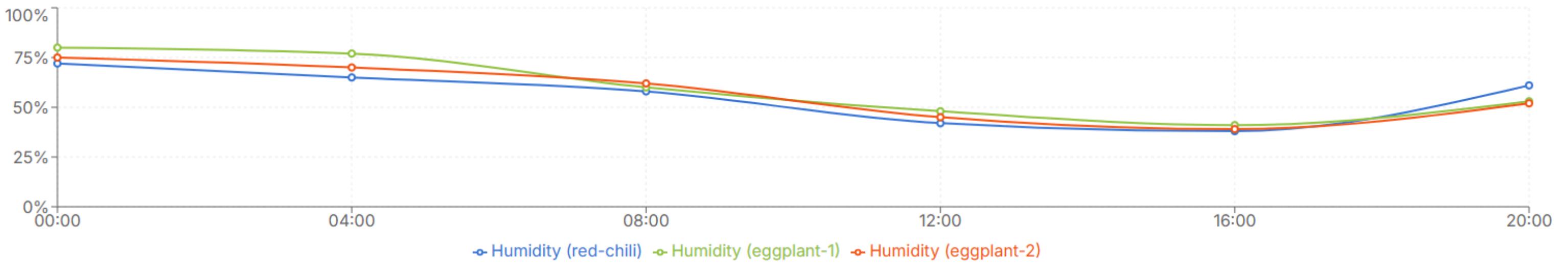
### Light Intensity



### Light Intensity



### Humidity



You can export your data into  
CSV or PDF file

Export CSV

Export PDF

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## Alerts

2 Active

[All Alerts](#)**Eggplant** Warning

Low moisture level detected

Value: 28% Threshold: 35%

2 hours ago

[Resolve](#)**Red Chili** Critical

Temperature exceeded threshold

Value: 31°C Threshold: 29°C

5 hours ago

[Resolve](#)**System** Resolved

Fan sensor not responding

Value: Error Threshold: N/A

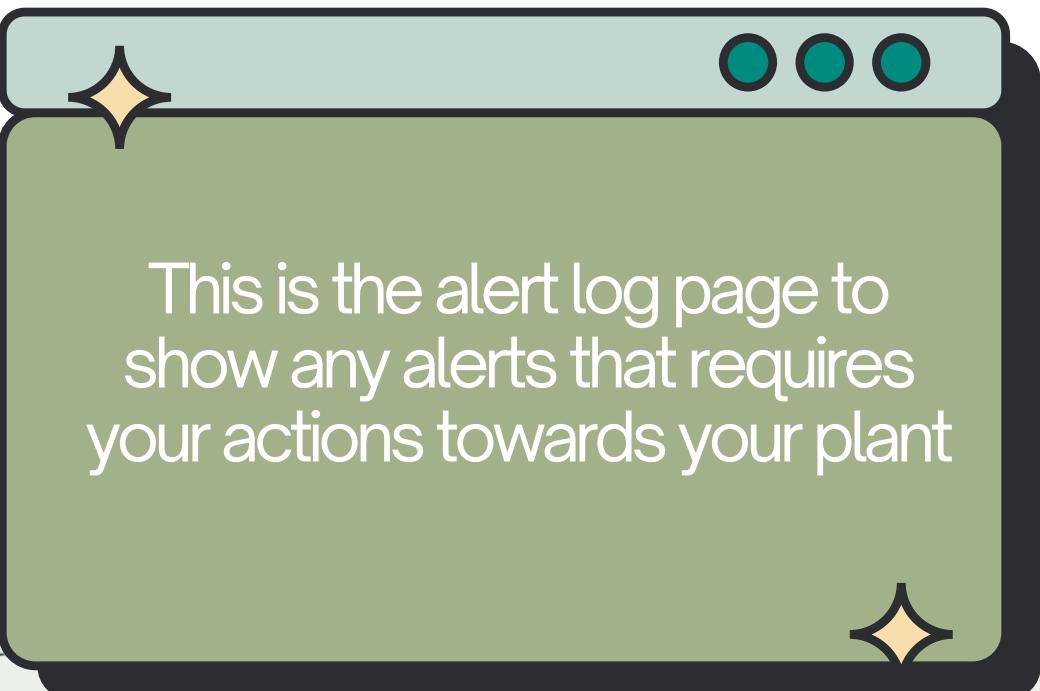
Yesterday

**Red Chili** Resolved

Moisture level normalized

Value: 45% Threshold: 30-60%

2 days ago

**Notification Settings**

Configure how and when you receive alerts about

[Configure Notifications](#)

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## Alerts

2 Active

[All Alerts](#)**Eggplant** Warning

Low moisture level detected

Value: 28% Threshold: 35%

2 hours ago

[Resolve](#)**Red Chili** Critical

Temperature exceeded threshold

Value: 31°C Threshold: 29°C

5 hours ago

[Resolve](#)**System** Resolved

Fan sensor not responding

Value: Error Threshold: N/A

Yesterday

**Red Chili** Resolved

Moisture level normalized

Value: 45% Threshold: 30-60%

2 days ago

**Notification Settings**

Configure how and when you receive alerts about you

[Configure Notifications](#)

You can configure the settings according to your preference to receive the notifications

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## Alerts

2 Active

[All Alerts](#)**Eggplant** Warning

Low moisture level detected

Value: 28% Threshold: 35%

2 hours ago

[Resolve](#)**Red Chili** Critical

Temperature exceeded threshold

Value: 31°C Threshold: 29°C

5 hours ago

[Resolve](#)**System** Resolved

Fan sensor not responding

Value: Error Threshold: N/A

Yesterday

**Red Chili** Resolved

Moisture level normalized

Value: 45% Threshold: 30-60%

2 days ago

**Notification Settings**

Configure how and when you receive alerts about your plants.

[Configure Notifications](#)

You can filter and sort the view of the received alerts based on your preferences





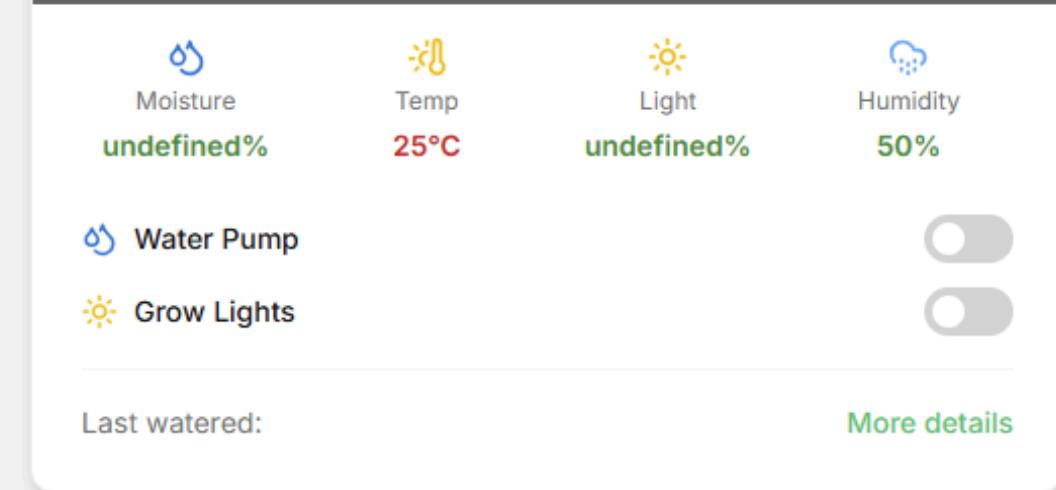
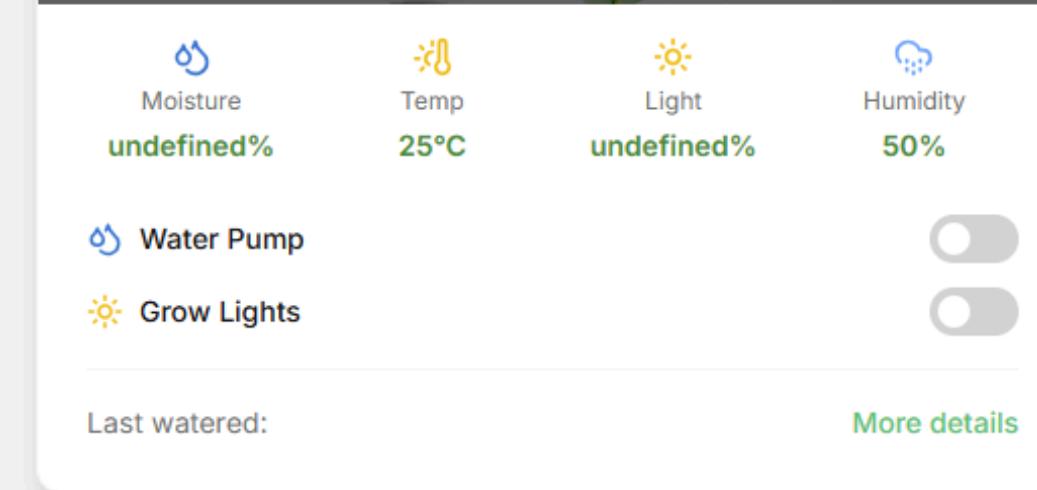
SmartGrow

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## Settings

### Plant Monitoring



### System Status

Click here to access your Profile page, Settings or Log Out

[LoRaWAN Connection](#)[Cloud Server](#)[Water Pump](#)[Grow Lights](#)[Fans](#)

Last system sync: 2 minutes ago

### Local Weather

24°C

Partly Cloudy

Humidity: 68%

Wind: 12 km/h

### 3-Day Forecast

Today

24°C

Partly Cloudy

Tomorrow

26°C

Sunny

Wed

22°C

Rain



## Welcome back

Don't have an account? [Sign up](#)

Email address

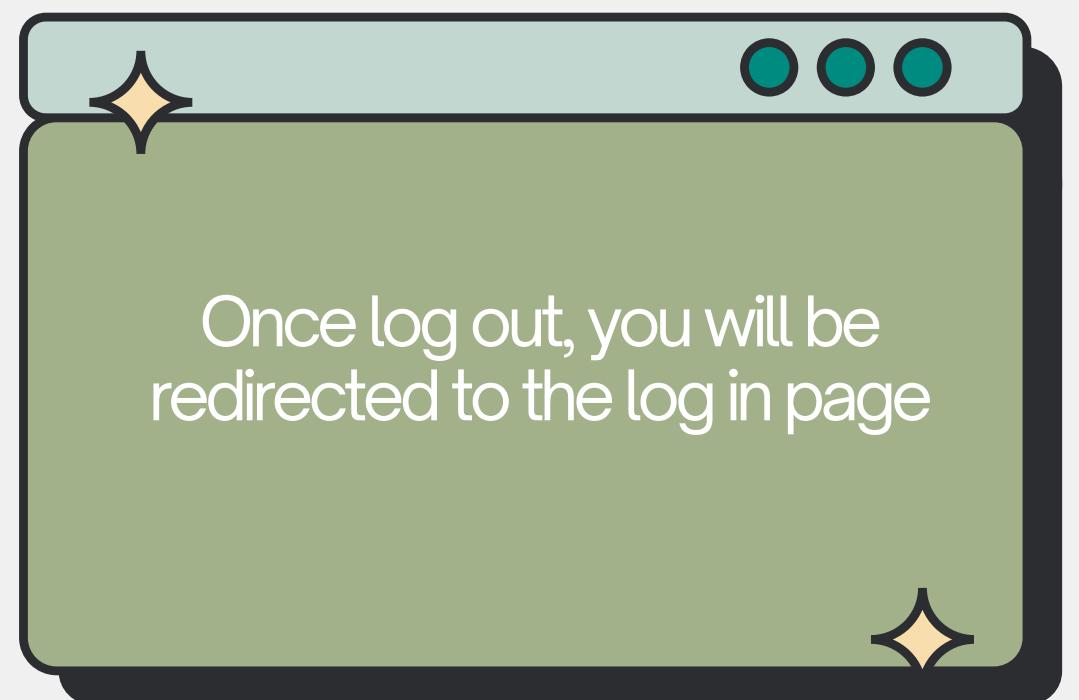
Password

Remember me [Forgot your password?](#)

[→\] Sign in](#)

Or continue with

[Google](#) [GitHub](#)





# Thank You

Feel free to contact our team at  
E-mail: smartgrowteam15@gmail.com  
Instagram: @smartgrow\_iot  
LinkedIn: SmartGrow