

IOT FINAL PROJECT 2023.

# SMARTLOOM CURTAIN MANAGER

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Prepared by A4

# USER GUIDE'S OVERVIEW

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**SMARTLOOM CURTAIN MANAGER**

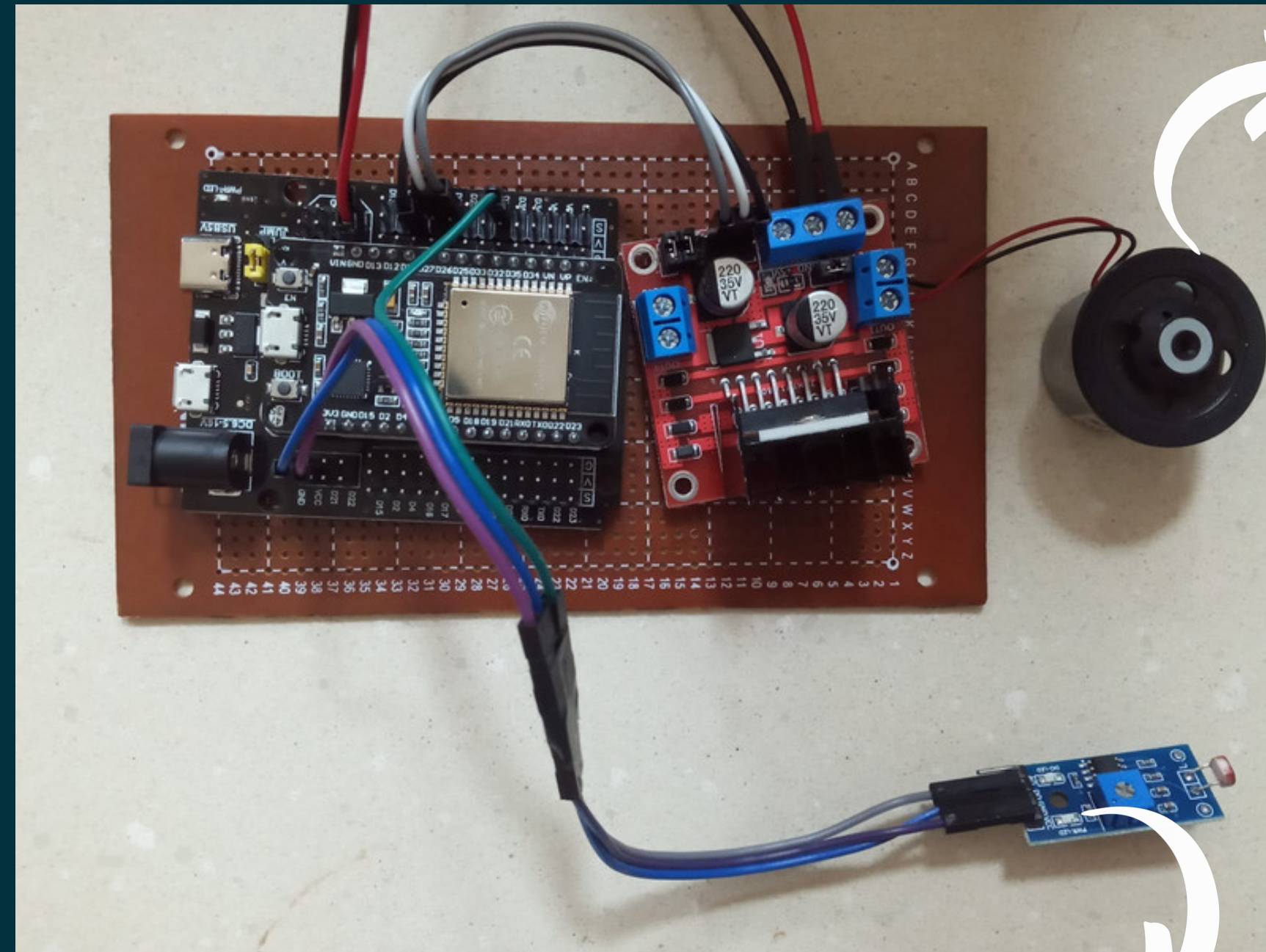
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**Life's too short to close your  
curtains manually.**

A smart curtain is an automated window covering that uses sensors and motors to control the opening and closing of curtains. It can be programmed to open or close at specific times, or based on light levels



Can connect to your nearby Wi-Fi!



Move your  
curtain to  
desired  
position!

Capture the light to adjust  
your curtain's position

## OVERVIEW

The Smartloom Curtain Manager connect to Blynk App platform to adjust mode into automatically or manually to customize your curtain from anywhere.

# OVERVIEW

Light Status

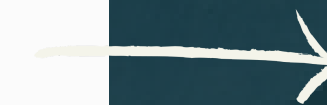


Outside Weather

TERANG

Curtain Status

Closed



Curtain's Position

Manual/Automatic Button

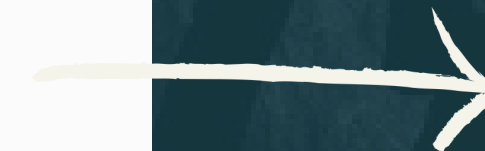
Automatic



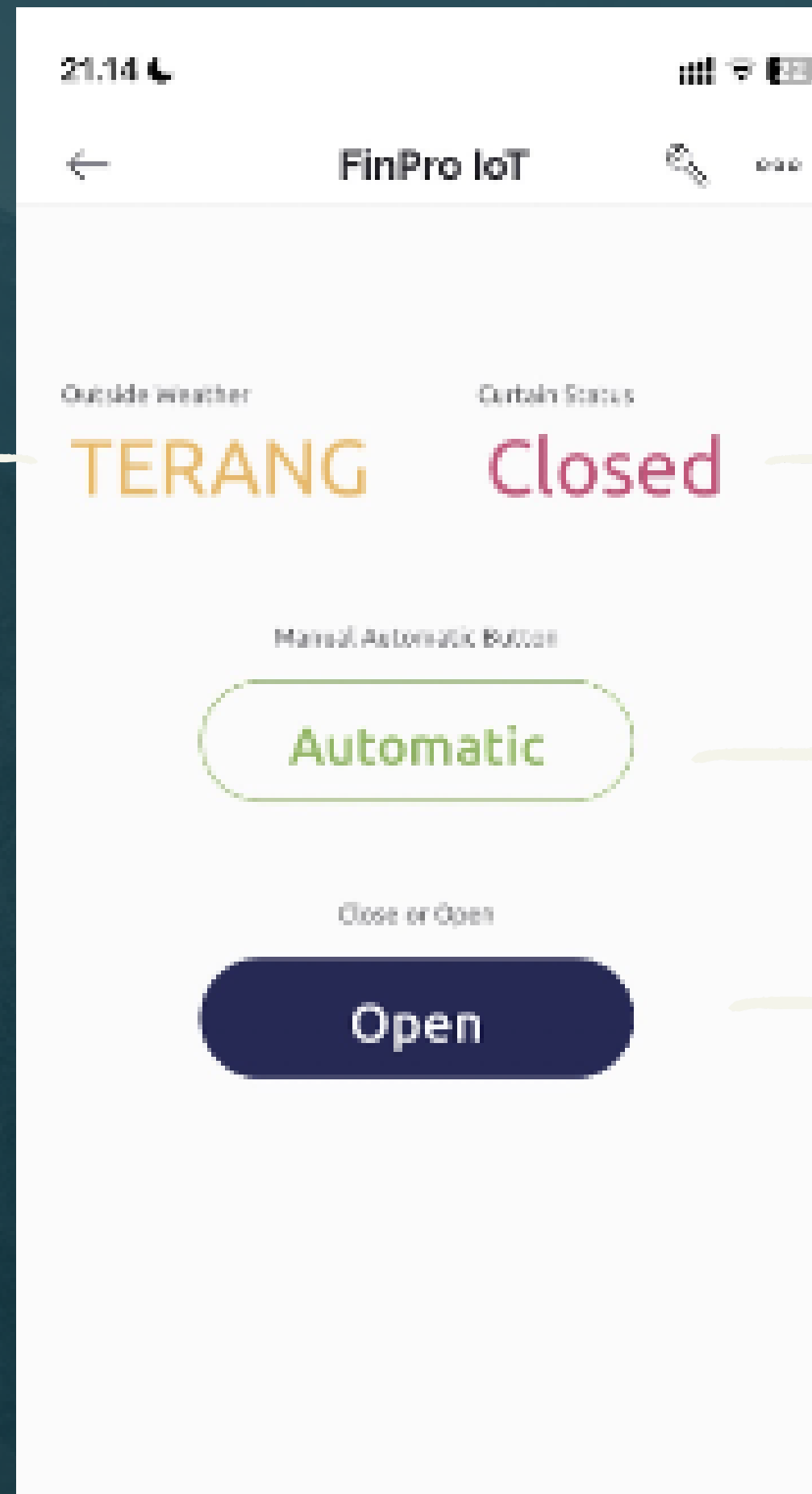
Mode Auto/Manual

Close or Open

Open



Open/Close



# GETTING STARTED

INSTALLATION

DOWNLOAD BLYNK APP

CONNECTING TO WIFI



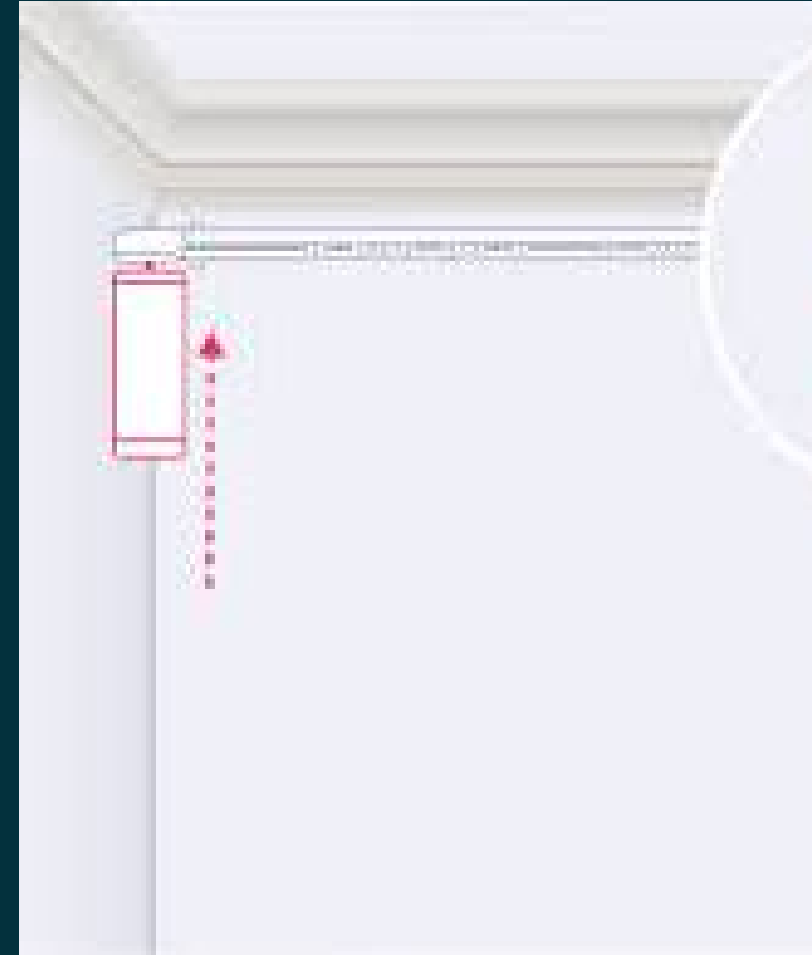
# 01

## INSTALLATION



### MARK AND DRILL HOLES

Mark and secure the product on your window frame, ensure proper spacing and alignment



### ATTACH THE SMART CURTAIN

Align the product with the brackets and securely connect the curtain to the product's hooks or clips



### PLUG IN

connect the power adapter into the product and into a nearby electrical outlet to power the system

## 02 DOWNLOAD BLYNK



### DOWNLOAD BLYNK APP

Download Blynk app on your smartphone or tablet, make an account and log in.

### CHOOSE TEMPLATE

Select the appropriate template for smart curtain product

### EXPLORE THE WIDGETS

The Blynk template has several widgets for controlling the curtains, monitoring LDR sensor values, and the on/off button

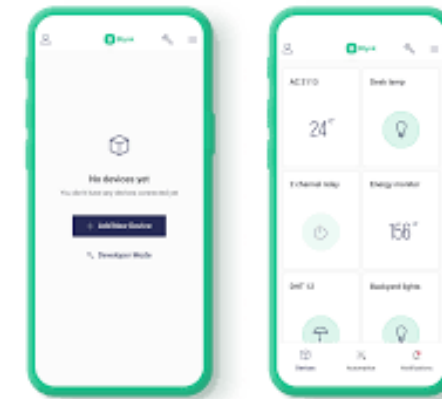


# 03 CONNECTING TO WIFI



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FIND YOUR WI FI IN  
BLYNK APP



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CONNECT WI FI

Name: Smart Curtain

Password: 12345678

# **SMARTLOOM CURTAIN MANAGER**

- **OPENING/CLOSING THE CURTAIN**
- **MODE AUTOMATIC/MANUAL**

# **USING THE CURTAIN MANAGER**

## MODE BUTTON

Set up to mode Manual for control your curtain remotely based on your preference

Auto mode based on the intensity of light that are captured by light sensor

Manual Automatic Button

Manual

## CLOSE OR OPEN

Set your curtain position to close or open in manual mode or remotely

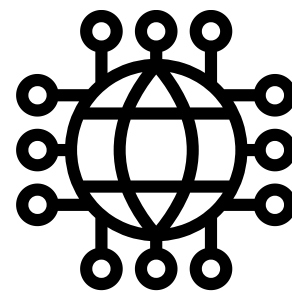
Close or Open

Open

# SAFETY PRECAUTIONS



Ensure the Device is properly connected to a stable power source



Replace the hardware component into newer one every 6-12 months



If there are any issues or malfunctions, disconnect the device immediately

## FIRMWARE UPDATES

- Periodically check for firmware updates for the Smartloom Curtain Manager on the Blynk app
- Follow any instructions provided to update the device for improved performance and features

- If you encounter connectivity issues, ensure that your Wi-Fi network is stable or try reconnecting the Wi-Fi
- If the motor of the product doesn't work, please check your power adaptor or replace the hardware component that are damaged into new one

## TROUBLESHOOTING

# MAINTENANCE

**FOR FURTHER ASSISTANCE, CONTACT OUR SUPPORT TEAM AT  
A4@SMARTLOOMCURTAINMANAGER.COM**

**CONTACT INFORMATION**