

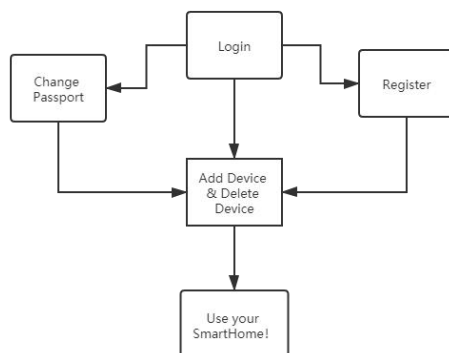
# User Manual

## 0. Project goals and objectives

Our company aims to let customers have the most comfortable home experience. Through a complete set of smart home system design, can achieve remote control, monitoring, security detection and other functions, to bring users convenient, fast, effective and safe management experience, so that users improve the quality of life and living experience of a higher level.

## 1 .Smart Home System Web

### 1.1 Flow Chart



### 1.2 Login & Register & Change Password

Smart Home System  
**Login**

USER NAME  
\_\_\_\_\_  
PASSWORD  
\_\_\_\_\_

[Forgot your password?](#) [register](#)

**submit**

Enter the user name and password to log in.

If you log in for the first time, click "Register" to enter your personal information and return to login after registration.

If you forget your password, click the corresponding prompt button and modify it according to the webpage process.

### 1.3 Web Interface



Fig.1

#### ①Control&monitor

Control page profile and usage:

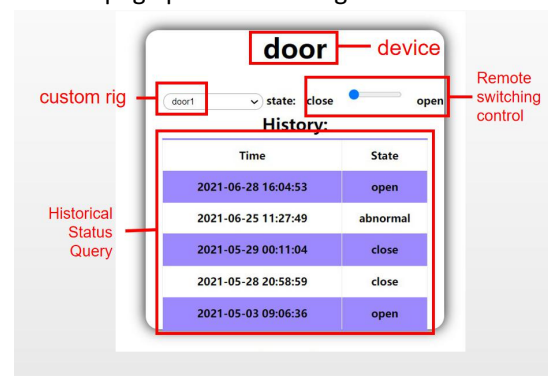
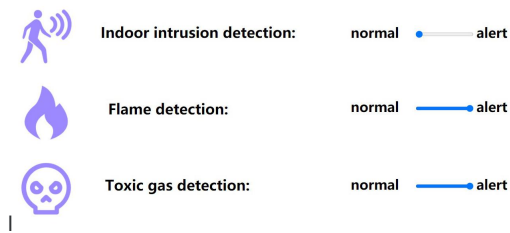


Fig.2

The control panel contains several functions (as shown in Fig.1 from top to bottom) :

- View/modify basic information;
- Check temperature and humidity;
- Door and window switches and switch control;
- Light query and switch, brightness adjustment;
- Fan switch status and switch control;
- Security monitoring: check the current "intrusion, gas, flame" status and switch control

Remote control is realized through hardware WiFi connection



## ②Add Device & Delete Device

Add and delete required equipment according to web page prompts

## ③Information

Displays user information and time information

# 2 .Hardware Implementation

## 2.1 Start the Hardware system

Press the model switch and hear the system prompt tone

## 2.2Remote Control



### ① Normal mode:

The display displays the temperature and humidity

### ② Fan Switch:

Press once to turn on the Fan and press again to turn off the Fan

### ③Adjust the LED brightness

### ④Door Switch:

Press once to open the Door, and press again to close the Door

### ⑤Radar Distance-indicator:

Indicates the Distance between the person and the toilet

### ⑥Window Switch:

Press once to open the Window, press again to close the Window

### ⑦Circle light Switch:

Press once to open the light, press again to close the light

### ⑧ Door&Window Status:

After pressing, the door and window switch Status will appear on the display screen

### ⑩Safety Detection:

Press to open the Safety Detection mode, the human body infrared, harmful gas, flame smoke Detection

## 2.3 the display

After connection, the temperature and humidity of the room are displayed in normal mode. When the alert state is triggered, the corresponding warning message will appear. e.g. fire warning, smoke warning.....

## 2.4 Intelligent Access Control

Use the correct matching card to realize the door access control

## 2.5 Smart Toilet

Using ultrasonic ranging, only the user approached the toilet to a certain distance, the toilet seat open;

Leave the toilet seat closed at a certain distance

## 2.6 Defense alarm system

When in alert mode, if the infrared detector detects an intruder, the smoke sensor detects a large amount of smoke. At the same time, the LCD display will display the warning message of "smoke warning" or "fire warning".

Gas sensor detects toxic gas and will automatically alarm

## 2.7 Close Windows when it rains

Through the rain water detection system, when reached, will automatically close the window

## 2.8 Bluetooth Control

automatic  
detection