

HOME AUTOMATION WIREFRAME

THINGSWARE
SPLASH
SCREEN



THINGSWARE
HOME AUTOMATION
SOLUTION

User Persona



Super Admin – Product OEM



Sub Admin – Client



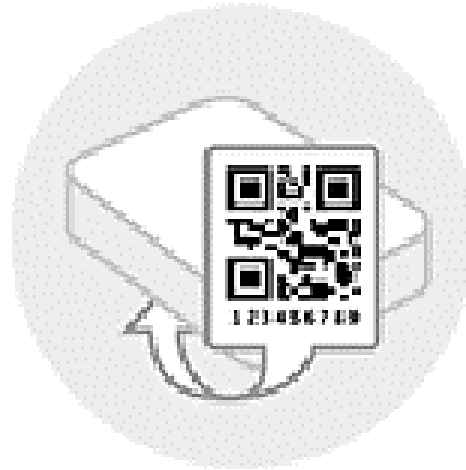
End User- User/Admin



Sub User - Guest



Device Onboarding



Thingware Hub Gateway Credential detail.

Hub Gateway credential detail will be used for Installation. You find it at bottom Of the box. You can write the code or scan it with camera.

Got it

Login Screen



User ID:

Password:

Sign In

Login Screen

To login into mobile App. The user has to put user ID & password. The User ID & Password would be provided along with Hardware.

Every Hardware Device has unique ID & Password to identification.

Same ID & password used for logging into the system.

Same user id & password will be used for Admin Login

Device Discovery Screen



Device Discovery

Device Discovery

Relay List

Relay 1 Master Bedroom Tube light

Relay 2 Master Bedroom Bed Lamp

Relay 3 Master Bedroom Air Conditioner

Relay 4 Guest Bedroom Thermostat

Relay 5

Relay 6

Relay 7

Relay 8

Relay 9

Relay 10

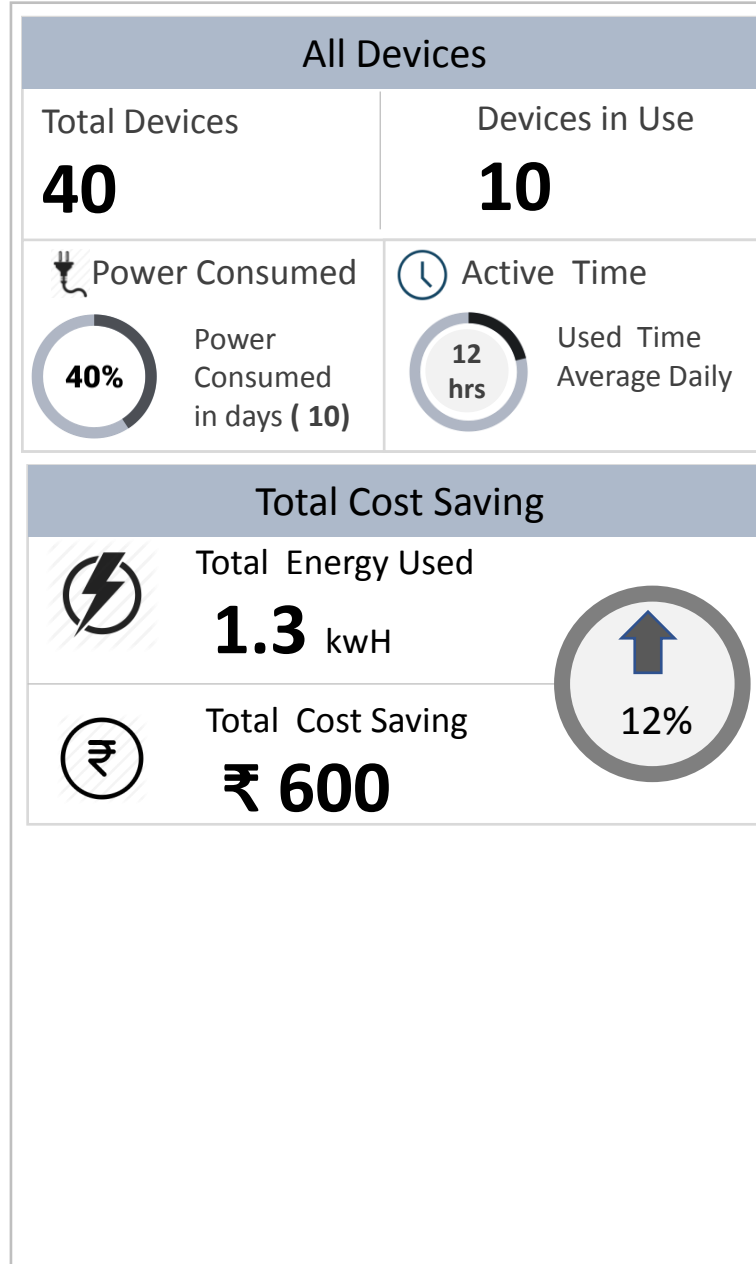
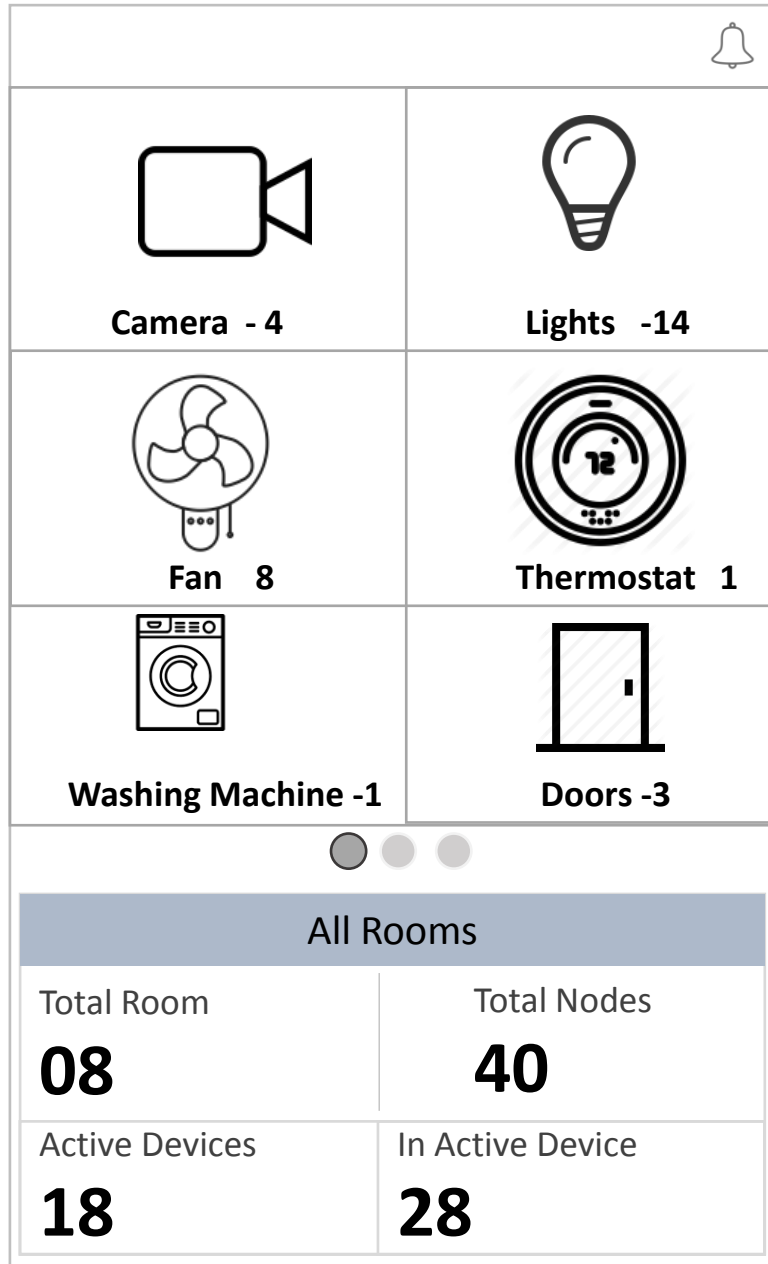
Device Discovery

Things ware Hardware hub discovery the Known Devices & Unknown Devices. All Known Devices like(SONY , LG, Samsung Philips are shown.

After device got discovered, user can pair the device, With mobile App and configure for control.

On clicking pair icon user can unpair if he don't want to control or want to use the control.



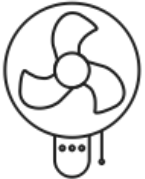



Dashboard









- ## Home Dashboard
- The Home Dashboard show all the Devices Type with no of each devices in Active Mode.
 - Total no. of Rooms and Nodes in Each Rooms. All showing the Active & Inactive nodes or Devices connected.
 - Total No. of Devices all together. Total No. of Devices in Use at current time, power consumption all together and Total Active time Devices use Daily Basis.
 - Total cost Saving. Total Energy used by all devices after usage. This Data is on basis of 30 calendar day. Total cost saving will be showing in compare with previous calendar month consumption.

Dashboard Devices Screen





☰ Devices 🔔

 Camera 4	 Lights 14
 Fan 8	 Thermostat 1
 Washing Machine 1	 Doors 3

☰ Devices 🔔

 Air conditioner 4	 Oven 14
 vacuum Cleaner 1	 Coffee Maker 1
 Music System 1	 television 1

☰ Devices 🔔

 Computer / Laptop 4	 Refrigerator 1
 Room Heater 1	 Geyser 4

Device Screen

- This screen is extended version of Devices in dashboard.
- Swipe LT - RT will be used to navigate with in Devices



All Rooms



All Rooms



Master Bedroom

Guest Bedroom

Child Bedroom

Living Room

Dining Room

Kitchen Room

All Room Screen

- User Navigate to this screen when clicks on All room on Dashboard.
- On clicking the Individual Room type it show all the devices in selected room along with Device control and statistics along with setting



Master Bedroom

Master bedroom Light – Philips Hue 24Watt



Turn On

Statistics

Setting

Fan

Air conditioner

Charging point1

Statistics



Master Bedroom

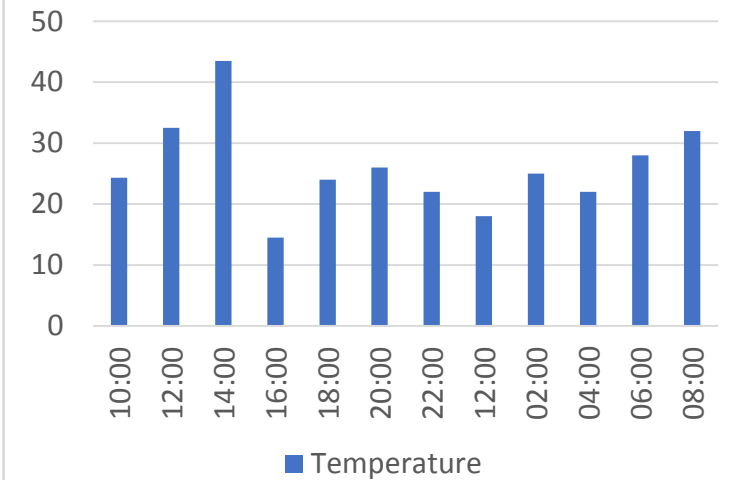
Currently **24°C**

Hours

Daily

Weekly

Custom



Daytime

AVG

Thermostat

Morning

24°C



Noon

24°C

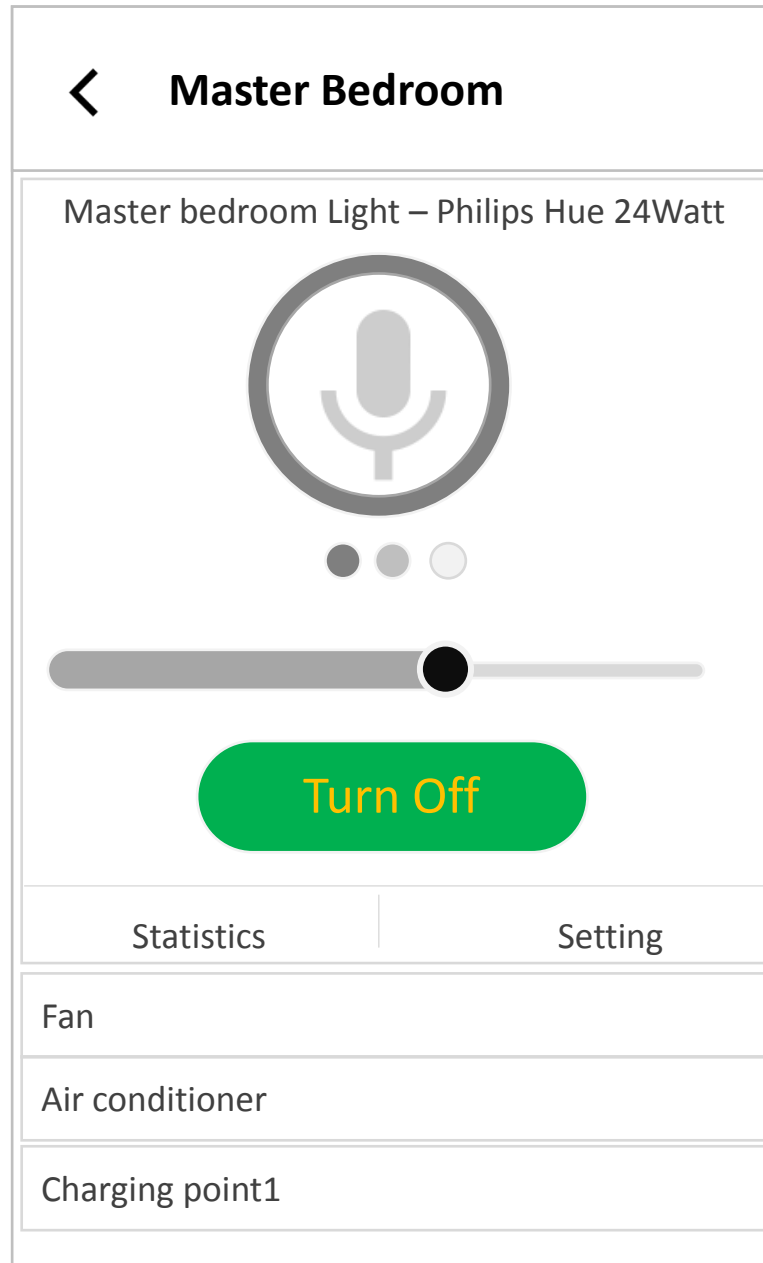
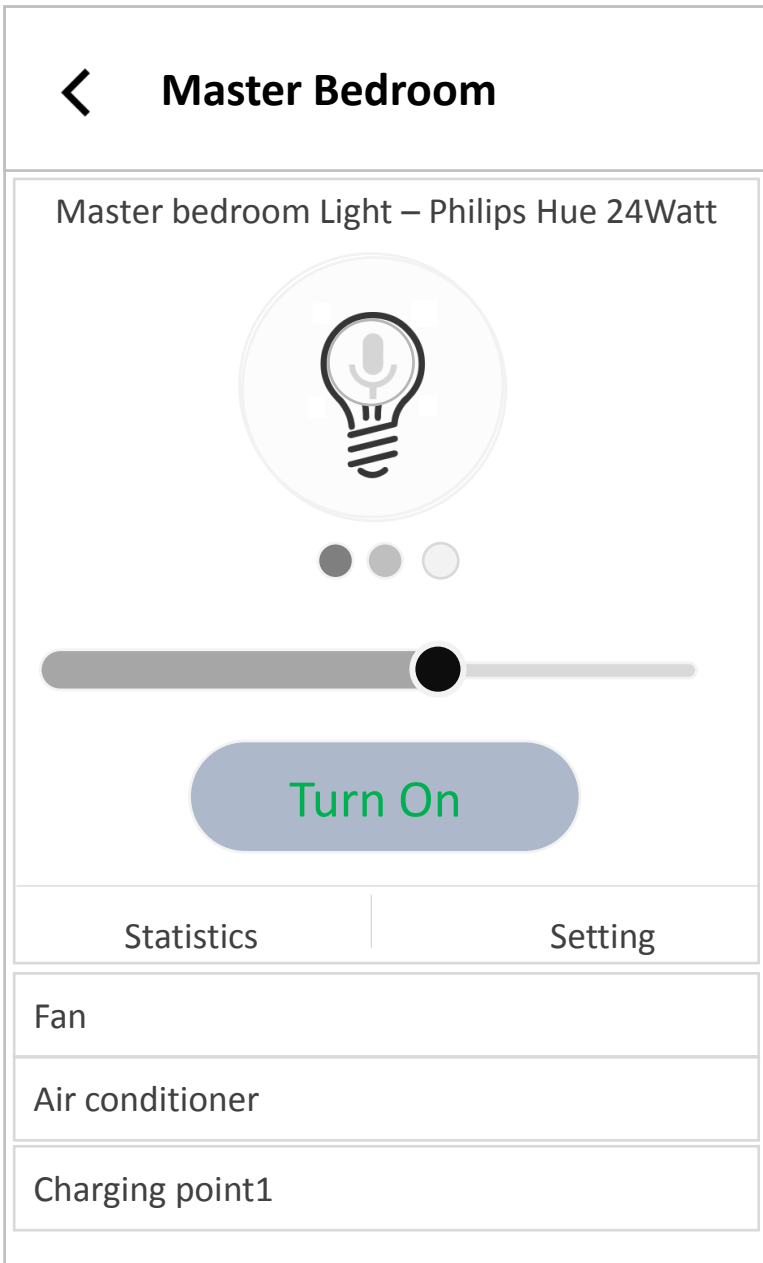


Afternoon

33°C



Devices



Device Room Screen

- The screen shows the Master bedroom and the devices in the master bedroom.
- On the Top All the Light bulb type are grouped under Master bedroom light
- The screen has Voice and manual control. The user click on voice icon on bulb it was set activated via voice for control.
- The statistics showing the usage pattern.
- Setting showing the device additional control.
- In the bottom it show all the other available device in Rooms (e.g.; Master bedroom)

Master Bedroom- Device Statistics

Device Statistics Screen

- This screen shows the device usage pattern. The Air conditioner usage pattern in Master Bedroom is shown here.

Air conditioner



Master Bedroom

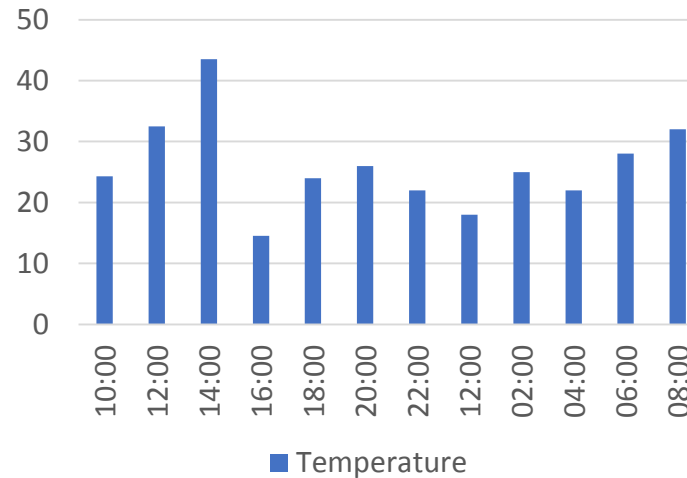
Currently **24°C**

Hours

Daily

Weekly

Custom



Daytime

AVG

Thermostat

Morning

24°C



Noon

24°C



Afternoon

33°C




Master Bedroom-Device Control

Device Control Screen

- This screen shows the device control attributes for consumer.

Master Bedroom



Controls

Room temperature 25 C >


Real Time Surveillance

Security Locks

Ambient Lighting

Air conditioner

Select Temperature



Manual Automatic

Adjust Settings

Mode Heating Fan Auto Temp Auto


Select time range

2:00 PM to 4:00 PM


S M T W T F S

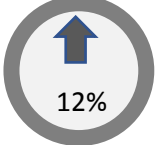
Power Off

Devices Energy Break Up

Devices Energy Breakup 


Total Cost Saving




Total Energy Used **1.3** kWh 

Total Cost Saving **₹ 600**  12%

Devices Energy Usage


JAN 2017





	Per Unit	Total Usage	Total Cost
 Bedroom Light	0.5 Kwh	60 Hrs	INR 30
 Television	0.2 Kwh	20 Hrs	INR 04
 Air Conditioning	0.9 Kwh	36Hrs	INR 32.4

Devices Energy Usage

JAN 2017



	Per Unit	Total Usage	Total Cost
 Television	0.2 Kwh	20 Hrs	INR 04
 Air Conditioning	0.9 Kwh	36Hrs	INR 32.4

Total Devices	Total Unit Consumed	Total Usage Hrs	Total Cost
20h	129 KwH	300	INR 900

Device Energy Breakup Screen

- The screen shows the total energy breakup based on 30 days calendar date.
- It shows all the devices, per unit consumption cost, total usage in hours and total cost.
- The up indicator show the saving against the last month consumption.

Manage Relay/Switch

Manage Devices			
	Side Balcony		
Camera			
	Master Bedroom		
Ceiling Fan			
	Master Bedroom		
Light Bulb			
	Kitchen		
Washing Machine			
	Master Bedroom		
Thermostat			
	Drawing Room		
Door			

Manage Devices Setting	
Select user	
All day	<input type="checkbox"/>
Day wise	<input type="checkbox"/>
S M T W T F S	
Un- restricted	<input type="checkbox"/>
One- Time access	<input type="checkbox"/>
Select time range	
2:00 PM	to 4:00 PM
Select Date range	
12 Apr, 2018	to 26 Apr, 2018

Manager Relay / Switch Screen

- The screen shows the total no. of relay or switch to be controlled. The user can set as manual or Automatic(voice) for device interaction. breakup based on 30 days calendar date.
- Setting screen shows the device control on All day or day wise. In All day access. In day wise access it shows gives user to choose any days or all days , unrestricted and one time access also. Time range and days range gives access for selected date and time.



Auto



Manual

Manage Relay/Switch - Setting



Manage Devices Setting



User Name

Security Access Type



Pass Key

#5690543#

Access Level



Time Slot



Week Slot



Notification



Set Assign Rights



Manage Devices Setting



User Name

Security Access Type



Pass Key

#5690543#

Access Level



Time Slot



Week Slot



Notification




Set Assign Rights


Share Key Screen


- User access can be set for voice or pass key.
- On selecting the User Access type, assign level (Admin, family member or Guest user).
- On voice user has to spell out some phrase to access.
- On pass code a code is send to user to access the system to gain an entry.
- Access level can be admin or guest type
- Time slot can be defined (i.e., Access with time slot)
- Week slot can be defined (i.e., Full week access or some particular days access in that week slot)
- Notification for all activies


Assign Rights Screen


< Manage Devices Setting

Select User 

Access Level 


Time Slot 


Week Slot 


Set Access for 


Set Assign Rights





Select User 


 **Laura Collins**


 **Allen Parsons**


 **Mini Drake**


 **Laura Collins**


 **Allen Parsons**

 **Mini Drake**

 **Mini Drake**

 **Laura Collins**

 **Allen Parsons**


 **Mini Drake**

Assign Rights


- Rights is assigned to user by selecting the user
- Defining the Access Level (Admin , or Guest)
- Time slot- Time for Access
- Week Slot- Full week or partial week by giving access on some days in selected week
- Set access for which are rooms or section would accessible to user


Gate Management


Manage Devices Setting


Select User 

Share with Guest Enter phone no.

Access Level 





















Time Slot 

Week Slot 

Notification 

Set Assign Rights

Select User

	Laura Collins	
	Allen Parsons	
	Mini Drake	
	Laura Collins	
	Allen Parsons	
	Mini Drake	
	Mini Drake	
	Laura Collins	
	Allen Parsons	
	Mini Drake	

Assign Rights

- Rights is assigned to user by selecting the user
- Set Access is set on to make accessible
- Defining the Access Level (Admin , or Guest)
- Time slot- Time for Access
- Week Slot- Full week or partial week by giving access on some days in selected week
- Set access for which are rooms or section would accessible to user

Notification Screen

Notification

Today

Climate Just now
The Temperature is below unknown or above unknown in the home

Lighting 6:30 AM
The Light are Off in the Room

Entertainment 2:30 PM
Entertainment system is off in the Home

Notification

- This screen shows all the notification in home automation app.

Add Notification

Climate

Lighting

Entertainment

Add Notification for Device

- This screen shows all the notification to add for device in home automation app.
- User can choose any device type and add rule for the device.

Climate

If the temperature is below 39C or above 79C

Room Anywhere

When All Year, Everyday

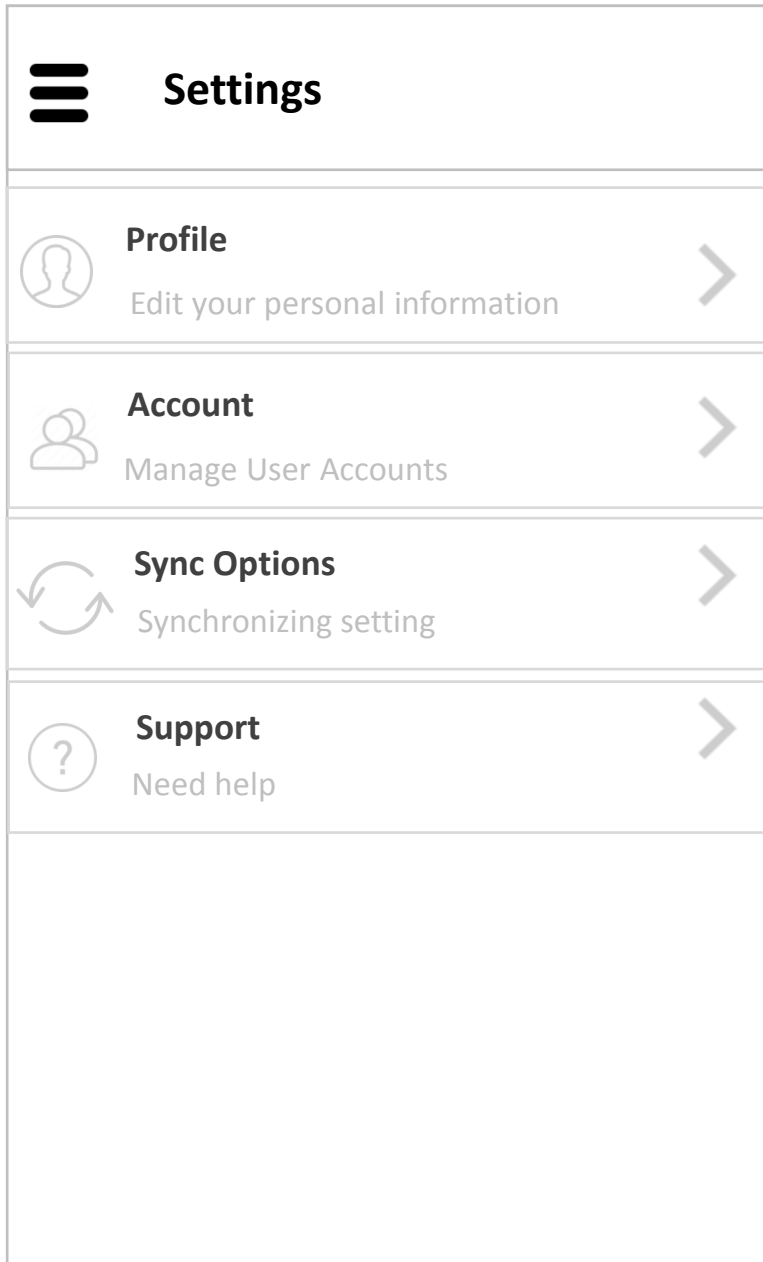
Then

Send Email & Notification

Notification Rule base

- This screen shows all the notification in home automation app.
- User can choose any device type and add rule for the device.
- Rules are set as per user preference.

Setting Screen



Home Automation App Setting screen

- This screen shows users profile, account detail, Data sync and support options.

Setting Screen

Manage Accounts



Angel Drake

Family Member



Laura Collins

Maid



Allen Parsons

Guest



Mini Drake

Family Member



Manage Users Accounts Screen

- This screen shows all the available users. Others users are sub users of family to whom access given.

Setting Screen

← Angel Drake



First Name : Angel
Last Name : Drake
Email : Angel@thingsware.com
User Type : Host Family - Admin

Permissions

Home Management



Access Home Remotely



Notifications



Access

Rooms

All ▼

Devices

All ▼

Delete

User Profile Edit Screen

- This screen shows user profile setting change & Delete Feature.

Hamburger Menu Screen

