Name	Action	Trigger	Condition	<b>Active Time</b>
SGP30 has	Send notification to user's smartphone with "SGP30 is	VOC value from Enviro+ is below 2 for 24 hours/ CO2	/	All the time
error	malfunctioning! Go check it!" as the message	value from Enviro+ is below 405 for 24 hours/		
Sleep Time	After waiting for 3 minutes, check if the motion sensors in	Bed area motion sensor detects motion	Light strip is on	2100-0500
	the kitchen and desk areas are not detecting motions. If yes,			
	the lights will decrease their brightness by 10% every 1			
	minute			
Twin Change	If the controller changes the light bulb brightness, the bulb	MQTT topic	/	All the time
Lamp	will change according to that brightness	"student/CASA0022/ucfnsmc/twin/LampBrightness" is		1 222 423 424
Brightness	will change according to that originaless	updated		
Twin Change	If the controller changes the light strip brightness, the light	MQTT topic	/	All the time
C				All the time
Light Strip	strip will change according to that brightness	"student/CASA0022/ucfnsmc/twin/StripBrightness" is		
Brightness		updated		A 11 .1
Twin change	If the cold white button on the controller is pressed, turn on	MQTT topic	Payload of	All the time
light strip to	the light strip to maximum brightness with a mired of 260	"student/CASA0022/ucfnsmc/twin/ColdLight" is	"student/CASA0022/ucfnsmc/twin/ColdLight" is 1	
cold white		updated		
Twin change	If the red button on the controller is pressed, the light strip	MQTT topic	Payload of	All the time
light strip to	will flash in red 5 times at maximum brightness for 5 times	"student/CASA0022/ucfnsmc/twin/RedLight" is updated	"student/CASA0022/ucfnsmc/twin/RedLight" is 1	
ed	and stay on after that			
Twin change	If the warm white button on the controller is pressed, turn on	MQTT topic	Payload of	All the time
ight strip to	the light strip to maximum brightness with a mired of 390	"student/CASA0022/ucfnsmc/twin/WarmLight" is	"student/CASA0022/ucfnsmc/twin/WarmLight" is	
varm white		updated	1	
Twin toggle	If the desk lamp on/off button on the controller is pressed,	MQTT topic	/	All the time
lamp	toggle the light bulb	"student/CASA0022/ucfnsmc/twin/LampButton"		
		payload toggles between 0 and 1		
Twin toggle	If the light strip on/off button on the controller is pressed,	MQTT topic	/	All the time
light strip	toggle the light strip	"student/CASA0022/ucfnsmc/twin/StripButton" payload		
<b>g</b> ~ <b>r</b>		toggles between 0 and 1		
Update Light	Send the status of the light bulb to MQTT topics:	Light bulb turned on or off/ Light bulb's brightness		All the time
Bulb Status	student/CASA0022/ucfnsmc/DeskLamp/OnorOff or	changed	,	THE CHE CHILE
Build Status	student/CASA0022/ucfnsmc/DeskLamp/Brightness	Changed		
Umdoto I tobt	, ,	Tinh this town I am an affiliate their? I had also	/	A 11 41, a 4im a
Update Light	Send the status of the light strip to MQTT topics:	Light strip turned on or off/ Light strip's brightness		All the time
Strip Status	"student/CASA0022/ucfnsmc/LightStrip/OnorOff"	changed/ Light strip's colour changed/		
	or "student/CASA0022/ucfnsmc/LightStrip/Brightness" or			
	"student/CASA0022/ucfnsmc/LightStrip/rgb_color" or			
	"student/CASA0022/ucfnsmc/LightStrip/Brightness255"			
<b>Update Where</b>	If a motion sensor is detecting motion, a message with the	One of the motion sensors' statuses changed	/	All the time
The User Is	corresponding area will be sent to			
	"student/CASA0022/ucfnsmc/Location":			
	Desk: Area 1			
	Bed: Area 2			
	Kitchen: Area 3			
VOC is high	Send notification to user's smartphone with "VOC level is	Aqara air monitor's TVOC level is changed or the	TVOC level is higher than 100 and the window is	0600-2200
	higher than normal Open the window!" as the message and	window is opened then closed	closed	
	light strip flash in blue for 2 times			
When it is late	Change the light strip colour into a warm white with a mired	Desk motion sensor is detecting a motion	Light bulb and light strip are on	2200-0600
and user is	of 390 and change the light bulb to 80% brightness		C 1	
still at the				
desk				
	Turn on the light strip to marrians being to marrians.	Main door or bother are door is alread the war in the	Light strip is off	All the time
When User	Turn on the light strip to maximum brightness with a mired	Main door or bathroom door is closed then opened and	Light strip is off	An the time
Come Back	of 343	stayed open for 4 seconds	N. Cd.	
When user is	Turn off the lights and send "Area 4" to MQTT topic	Bathroom door opened and then closed and stayed closed	None of the motion sensors is detecting motion and	
in bathroom	"student/CASA0022/ucfnsmc/Location"	for 10 minutes	the light strip is on	
When user is	Turn on the light bulb at maximum brightness and light strip	Desk area motion sensor changed from not detecting	Light bulb is off	0700-2200
in desk area	at maximum brightness with a mired of 260	motion to detecting		
When user is	Turn off the light bulb	Desk area motion sensor changed from detecting motion	/	All the time
not in the desk		to not detecting		
area				
When User	Turn off both lights and send "Left" to MQTT topic	Main door is opened then closed and stayed closed for 3	All motion sensors cannot detect a motion and	All the time
Left	"student/CASA0022/ucfnsmc/Location"	minutes	either the light bulb or light strip is on	
When user	Turn on the light strip at 20% brightness with a mired of 390	Bed area motion sensor changed from not detecting	All lights are off	2200-0559
wake up in the		motion to detecting	_	
middle of the				
night				
When user	Turn on the light strip at 80% brightness with a mired of 390	Bed area motion sensor changed from not detecting	Both lights are off	0600-1100
	1 am on the right strip at 60% originitiess with a mired of 390		Dom using are on	0000-1100
wake up in the		motion to detecting		
morning				