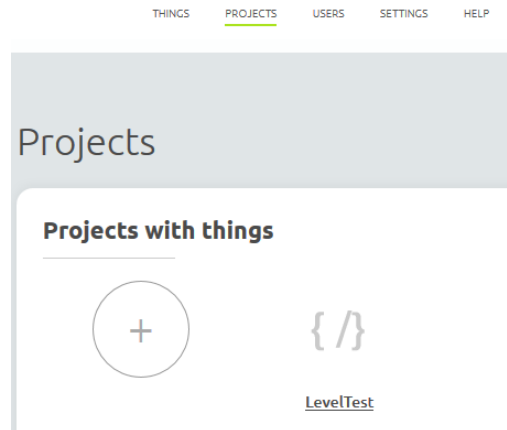


## Practice work #5

For the create final work let`s combinate switch from Go+ and light sensor. You need code from laboratory work 3 for getting data from light sensor, and code (switch.py) from this work. Compile and run these programs. Don`t forget create a logic on the cloud; when light sensor send data  $< 500$ , the lamp will be turn on, else will be turn off. Let`s create this logic on the server.

Initialize new project.



Perform logic like on a screenshot

### Logic name

Edit logic name

sw\_off

\* required

### Main logic

Edit main logic parameters

IF

Thing:	Event:	Value or #minimal#, #maximal#, #optimal#, #value#
lightsensor	>	500
<div>+ add if</div>		

THEN

Thing:	Event:	Value or #minimal#, #maximal#, #optimal#
SuperSwitch	switch_off	



When SuperSwitch – thing of switch and lightsensor – thing of sensor, respectively. For turning on the same algorithm.

# LevelTest



Working time: -

Current project list

Name	IF	THEN	Actions
sw_off	( lightsensor.value > 500 )	{ SuperSwitch.action = switch_off }	 
sw_on	( lightsensor.value < 500 )	{ SuperSwitch.action = switch_on }	