

EXPERIMENT NUMBER – 2.2

Branch: CSE

Section:26-B

Group:-5

Semester: 2nd

Date of Performance:01/03/2021

Subject Name: IOT Lab

Subject Code: 20ECP-154

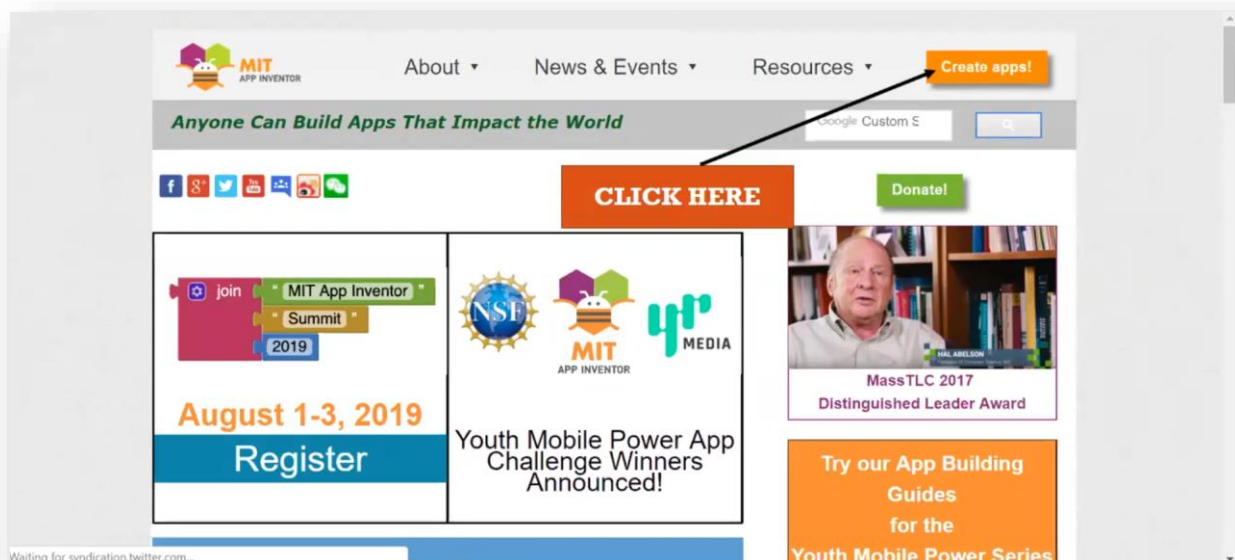
| NAME | UID |
|----------------------------|------------------|
| <u>Vishal Kumar</u> | <u>20BCS2848</u> |
| <u>Rajdeep Jaishwal</u> | <u>20BCS2761</u> |
| <u>Adarsh Sharma</u> | <u>20BCS2762</u> |
| <u>Somya Shubham Nayak</u> | <u>20BCS2781</u> |

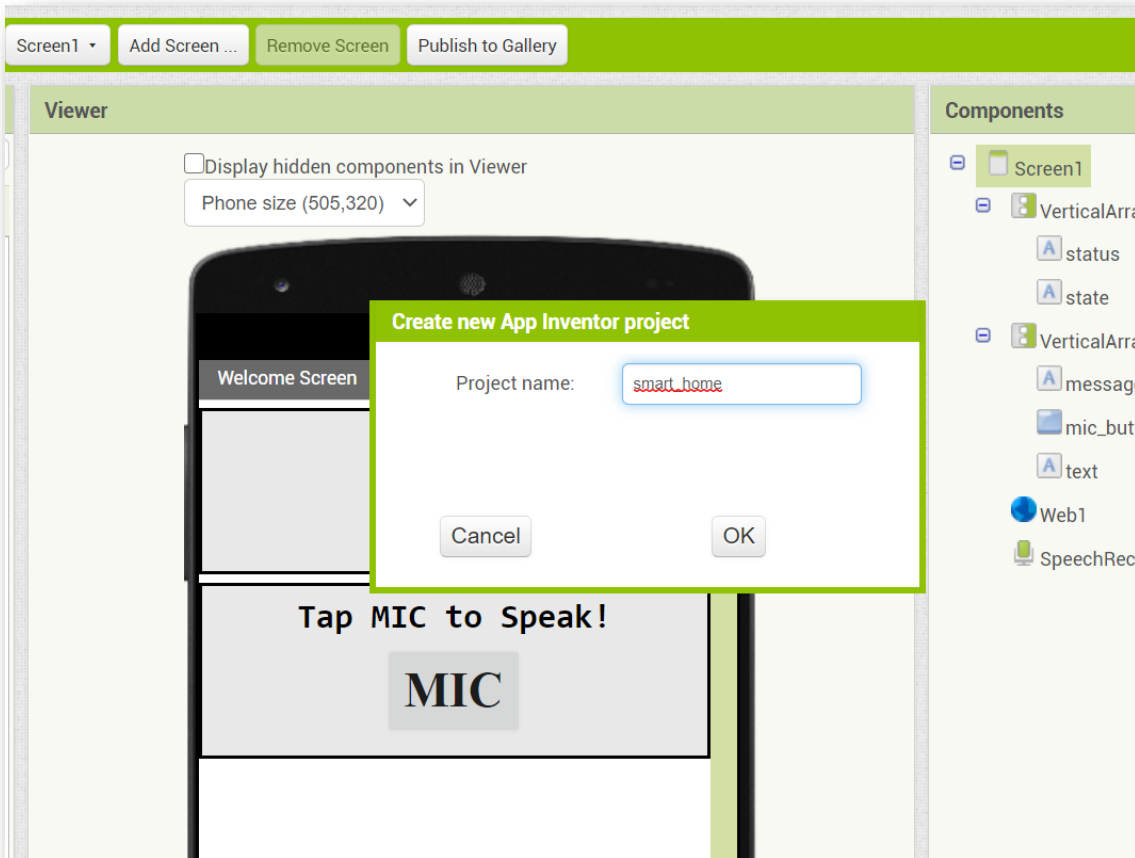
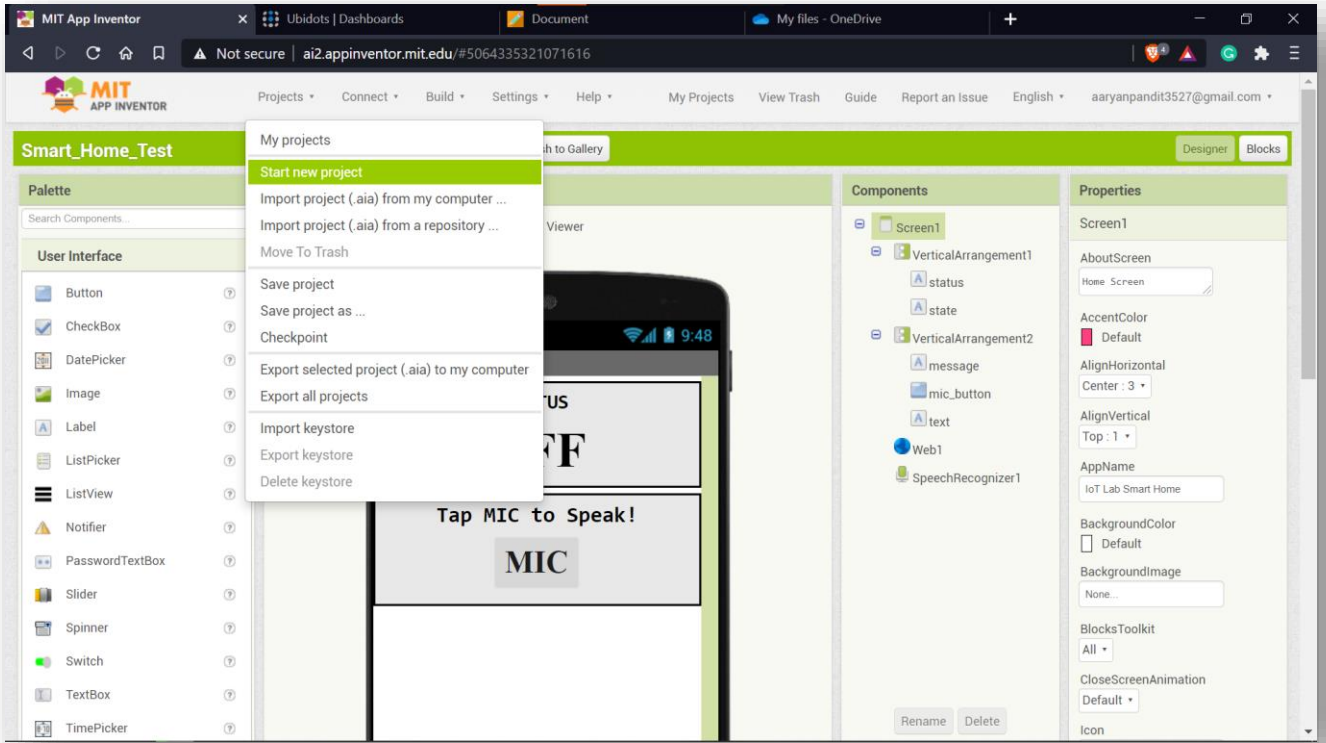
AIM:

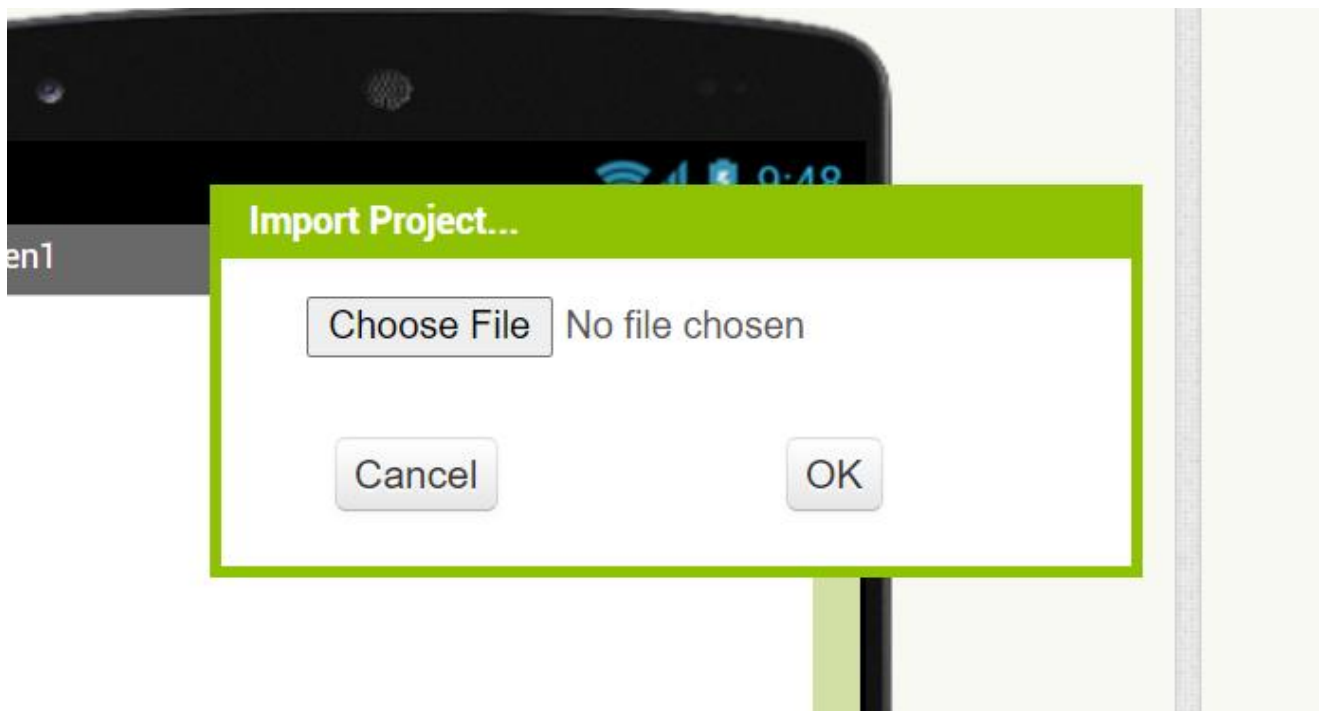
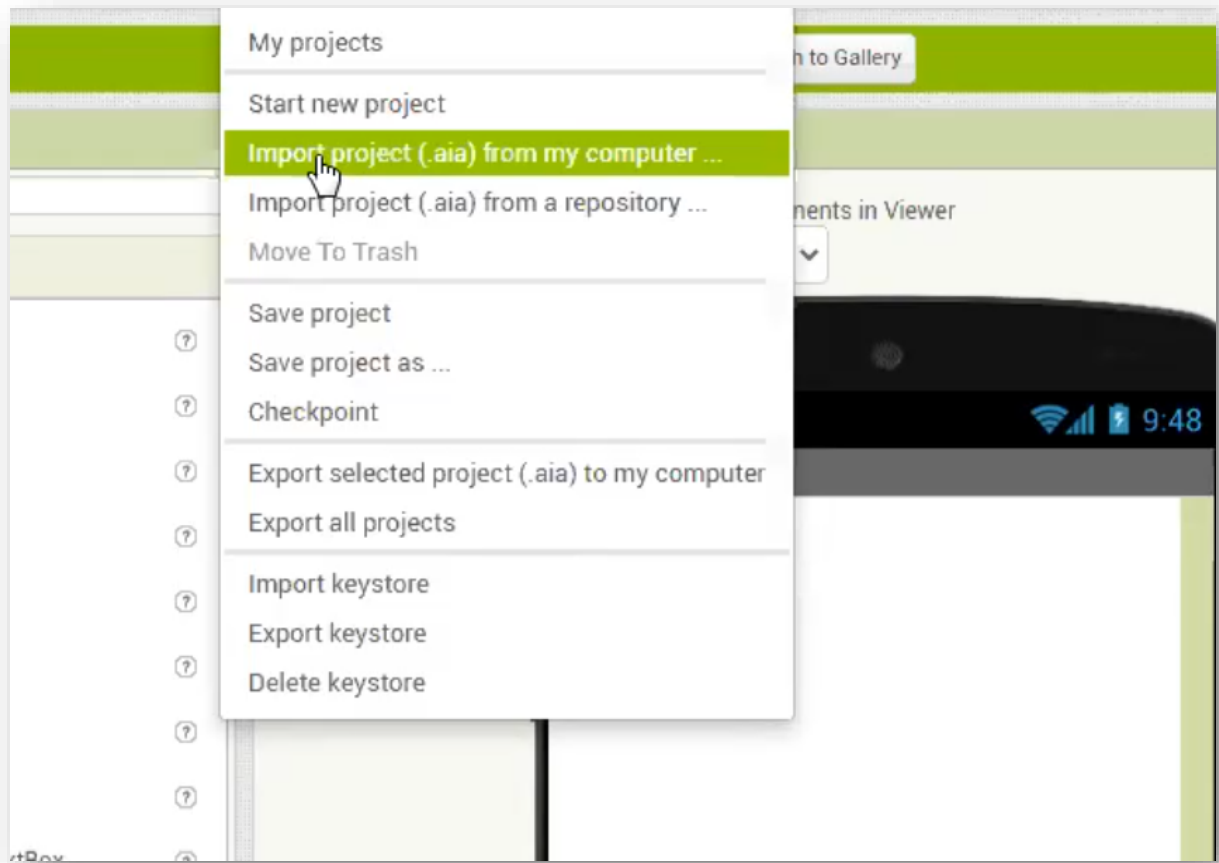
Develop a smart phone application for smart home voice-assistant.

STEPS –

<http://ai2.appinventor.mit.edu/#5064335321071616>



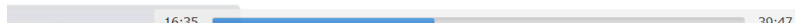




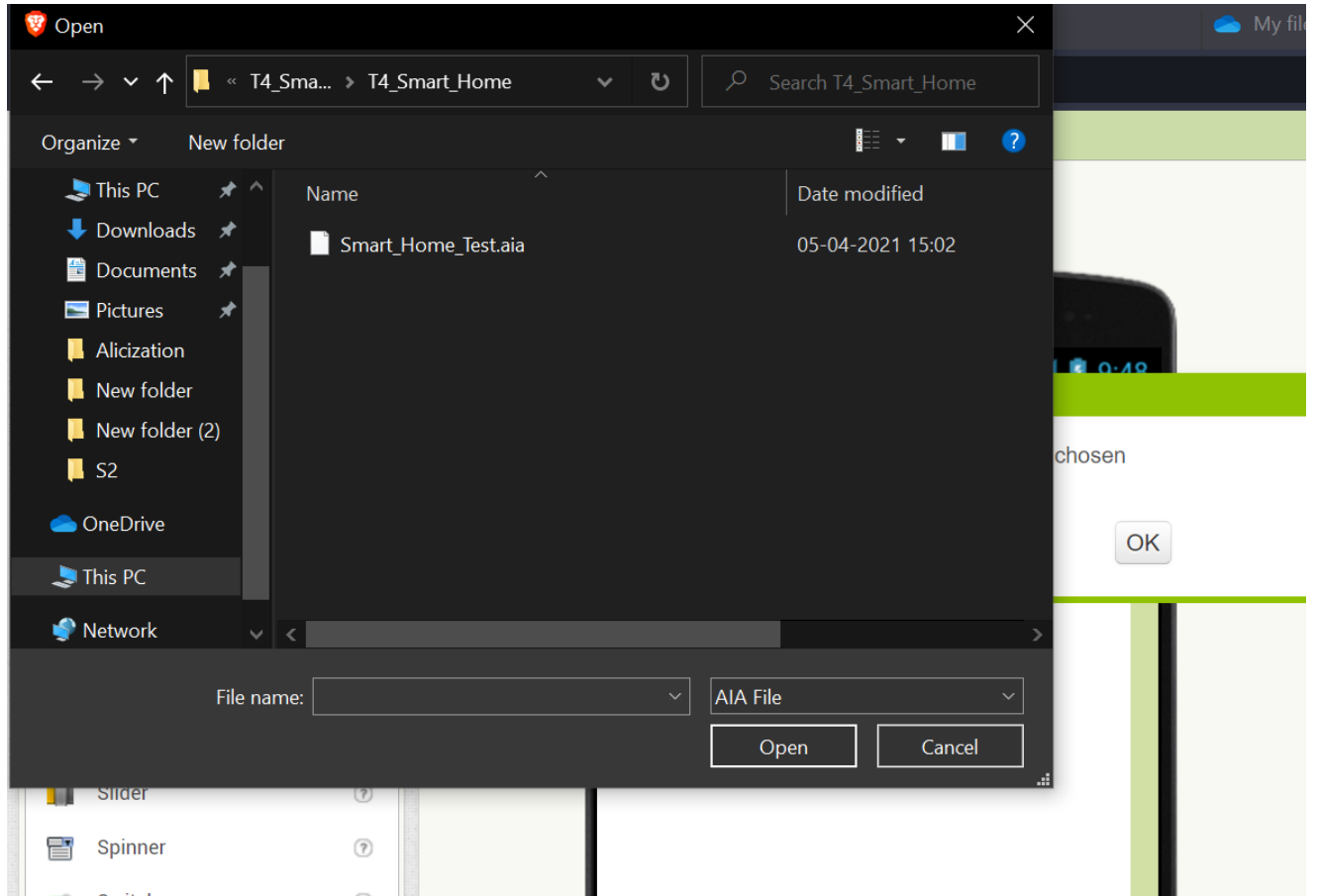
FOR FILE DOWNLOAD THE MARKED WITH LINK PROVIDED:

<https://drive.google.com/drive/folders/1nClif7dSoviP04Vy1i03RYKfhfow8usc>

| Name ↑ | Owner | Last modified | File size |
|-----------------------|-------|---------------|-----------|
| T1_Intro | | Jan 27, 2021 | – |
| T2_Weather | | Jan 27, 2021 | – |
| T3_Air_Quality | | Jan 27, 2021 | – |
| T4_Smart_Home | | Jan 27, 2021 | – |
| T5_Robot_Motion | | Jan 27, 2021 | – |
| T6_Video_Surveillance | | Jan 27, 2021 | – |
| T7_Signal_Log | | Jan 27, 2021 | – |
| T8_Intruder_Alert | | Jan 27, 2021 | – |
| T9_Human_Vitals | | Jan 27, 2021 | – |



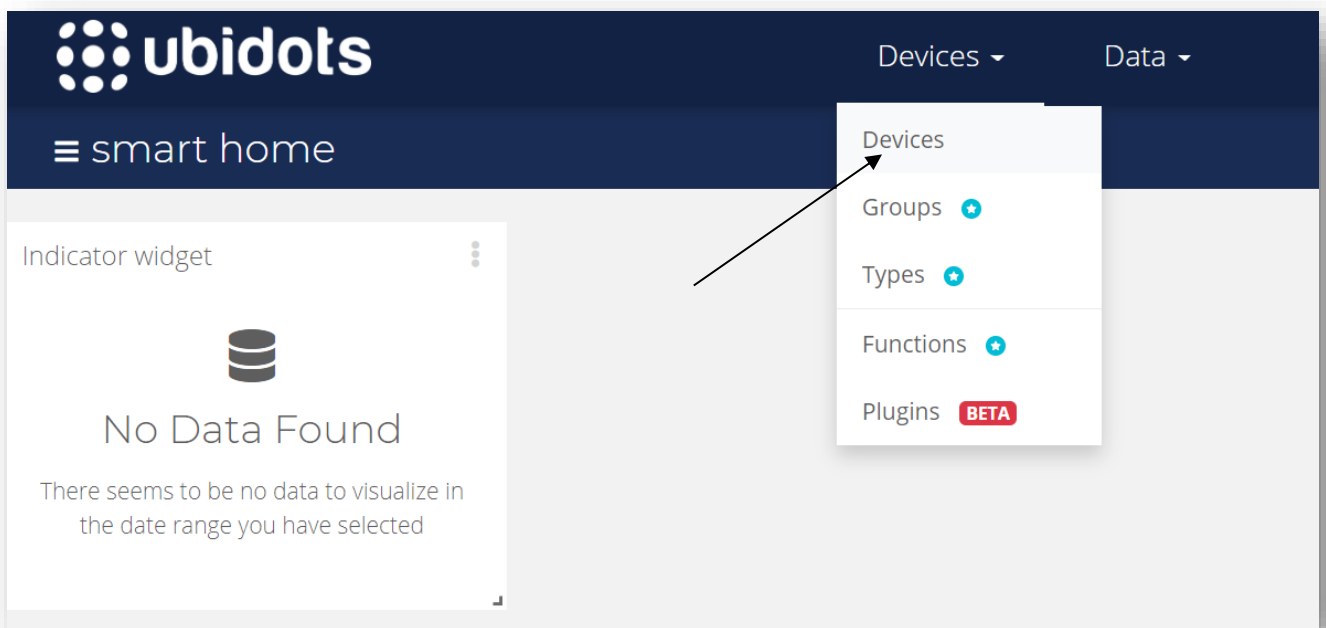
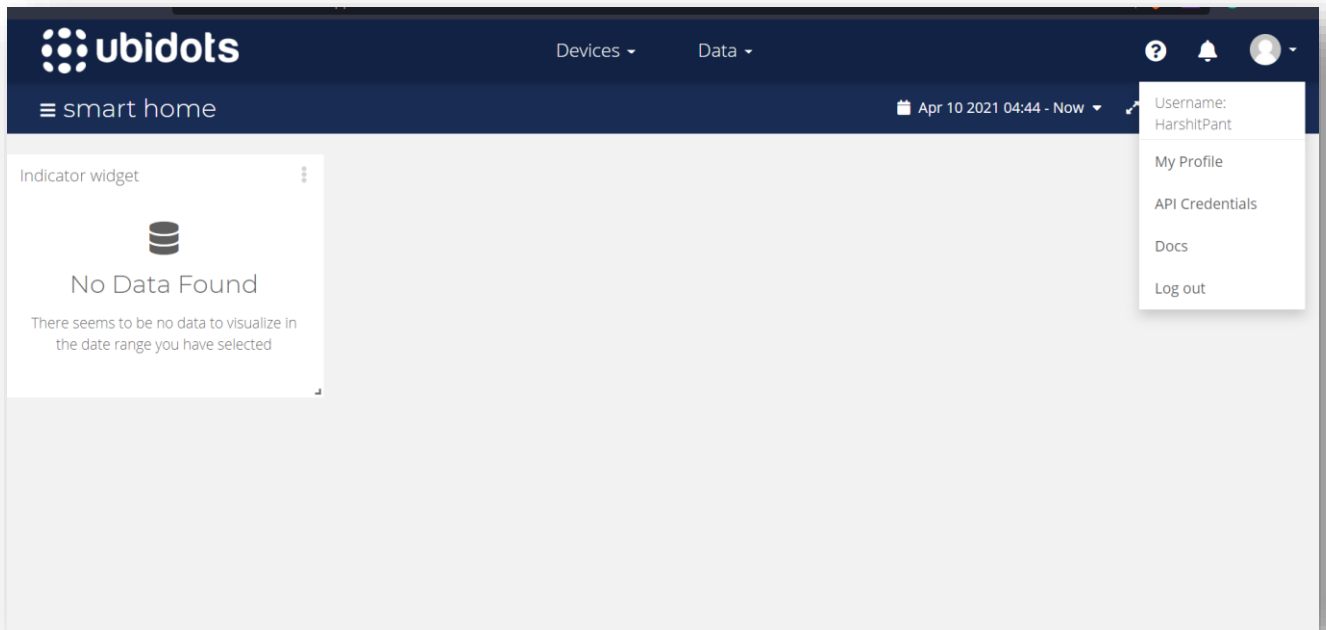
UPLOAD THE FILE FROM WHERE EVER YOU HAVE DOWNLOAD IT!

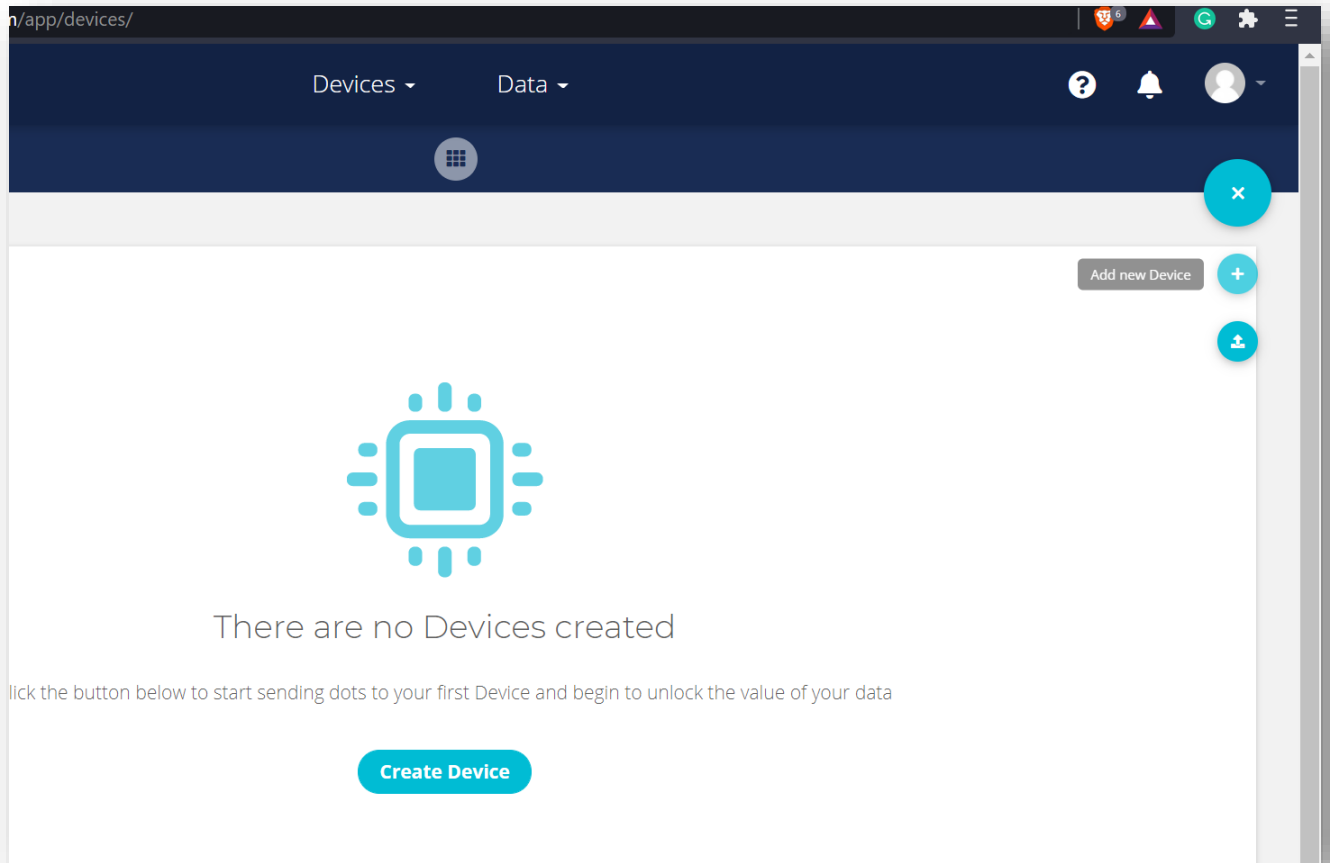


AFTER THAT GO TO CHECK PROJECTS → MY PROJECTS -> AND CHOOSE THE ONE WITH THE NAME TEST AS A SUFFIX.

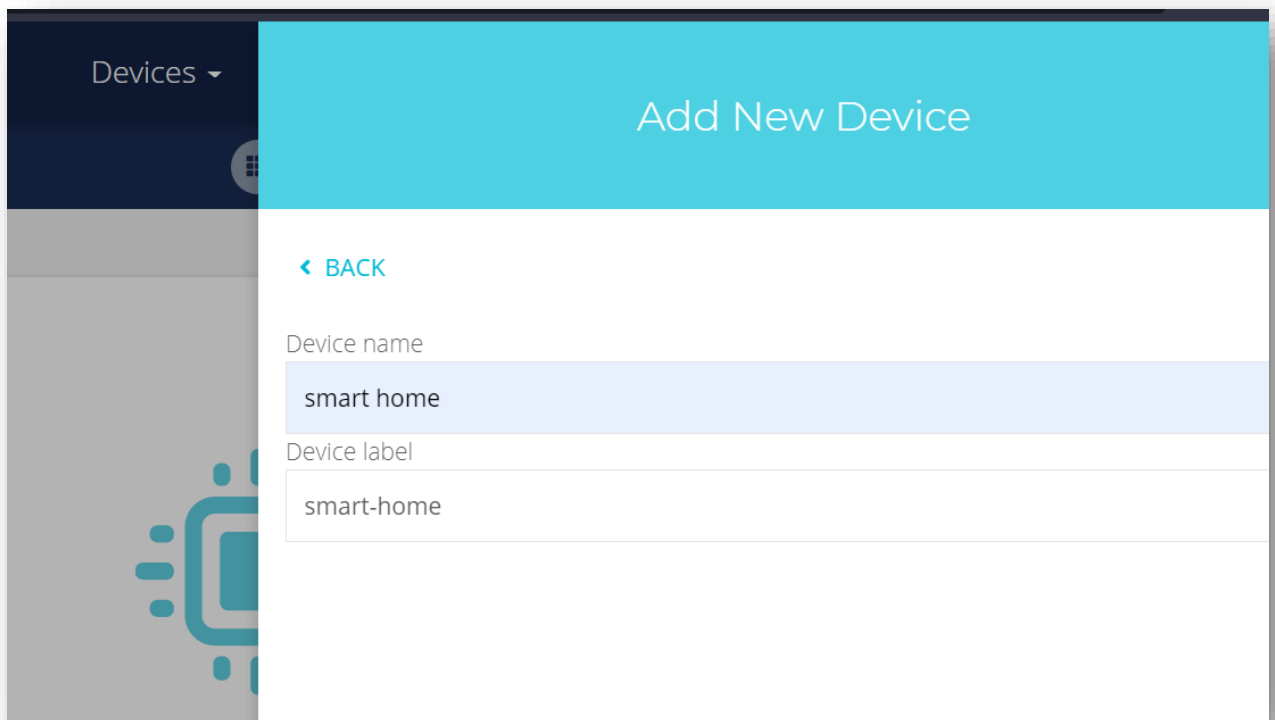
<https://stem.ubidots.com/app/dashboards/606add91d8472491e6e6b70>

MAKE A ACCOUNT ON ubidots

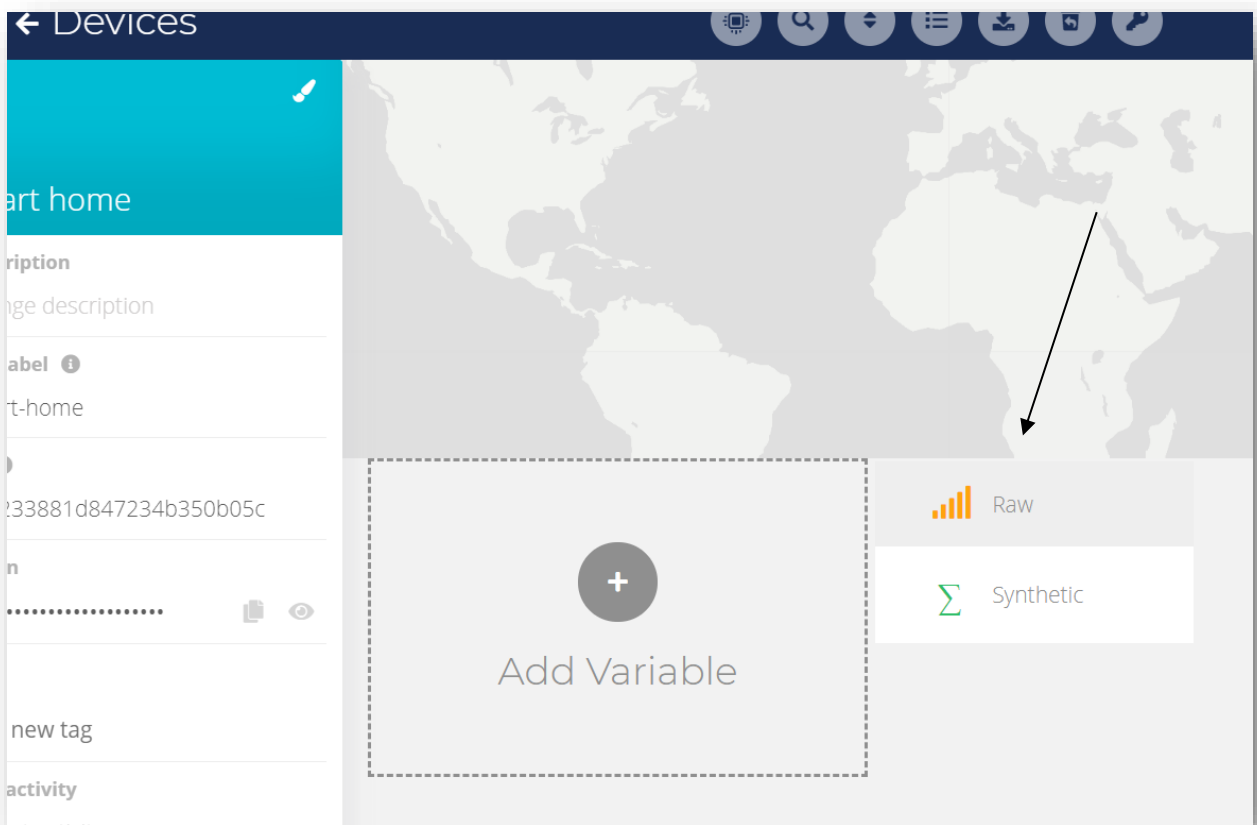




CHOOSE BLANK DEVICE OPTION

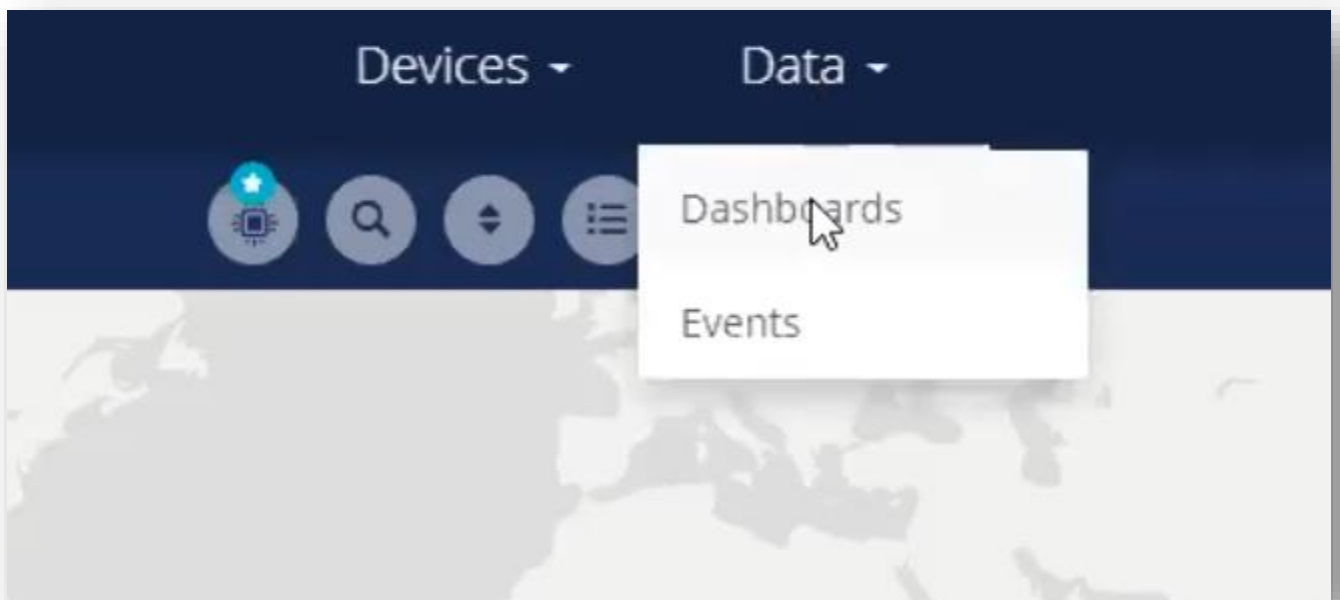


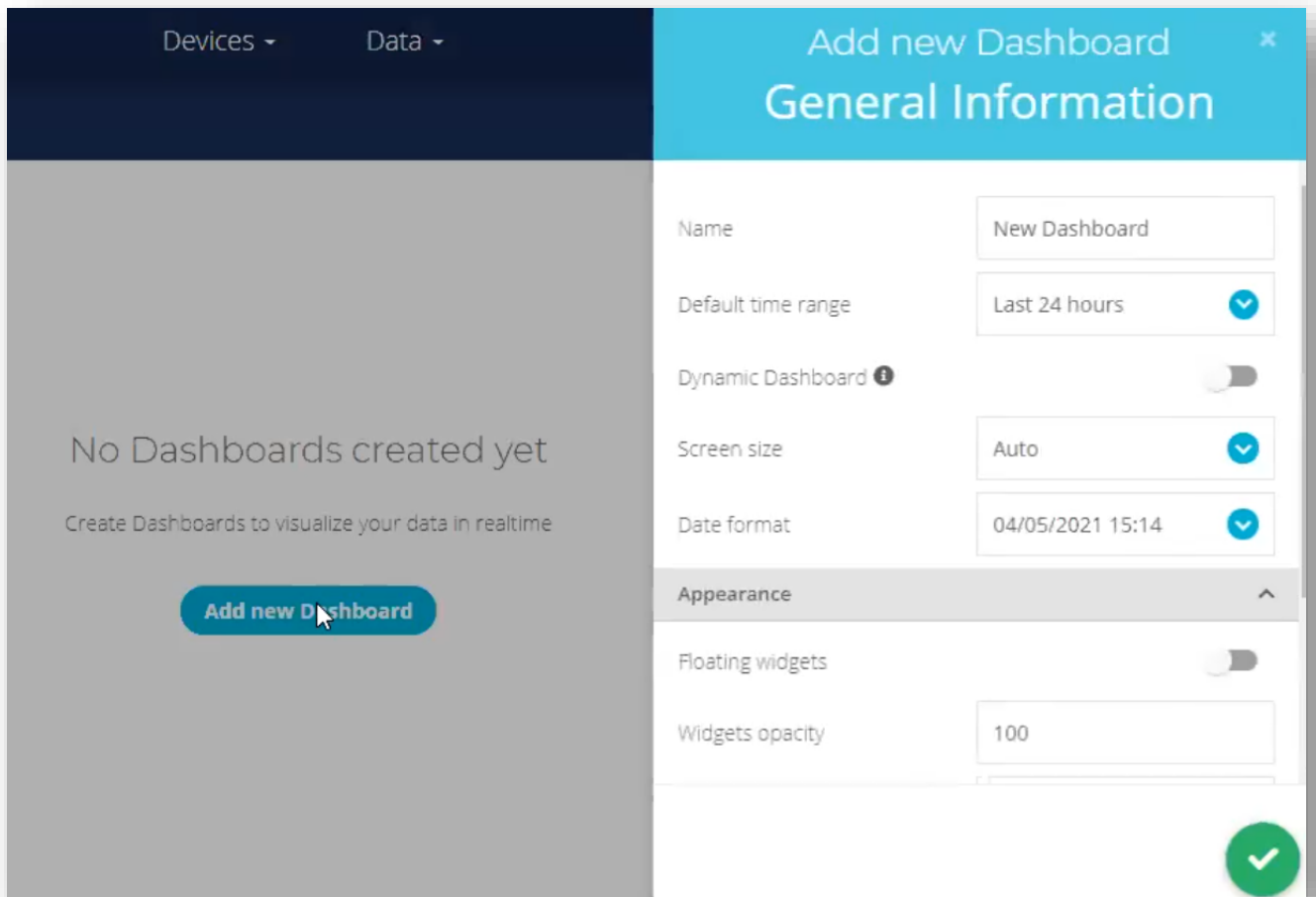
FIRST ON click ADD VARIABLE AND THEN ON RAW



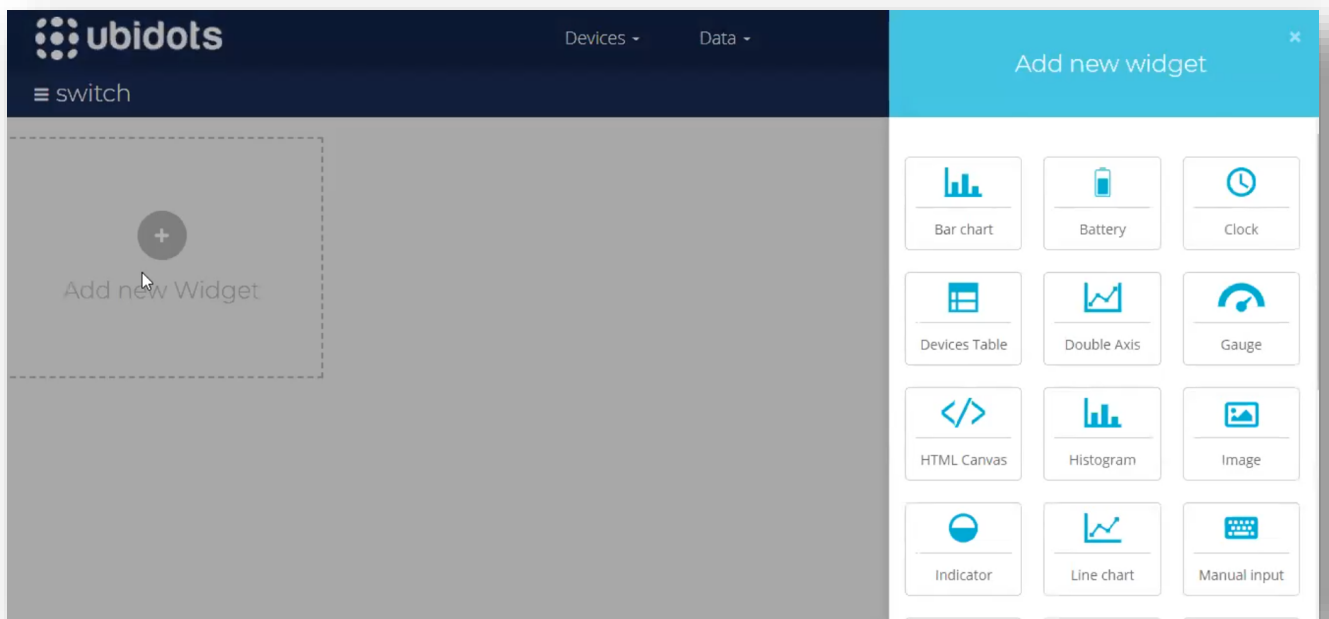
NAME IT – switch

After creating variable successfully



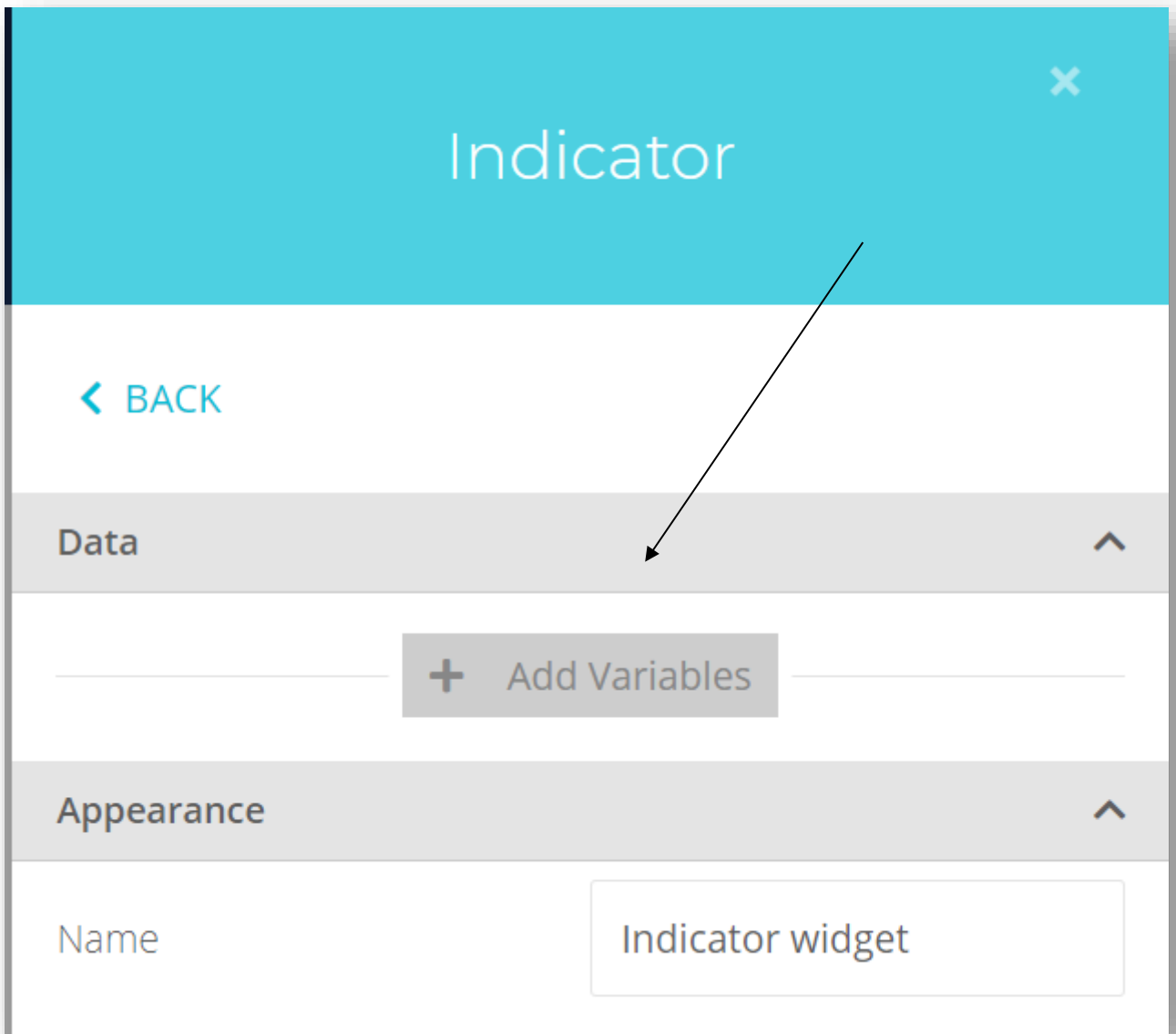


WRITE NAME SWITCH IN NAME SECTION AND THEN SAVE



CHOOSE INDICATOR AS A OPTION

CLICK ON ADD VARIABLE

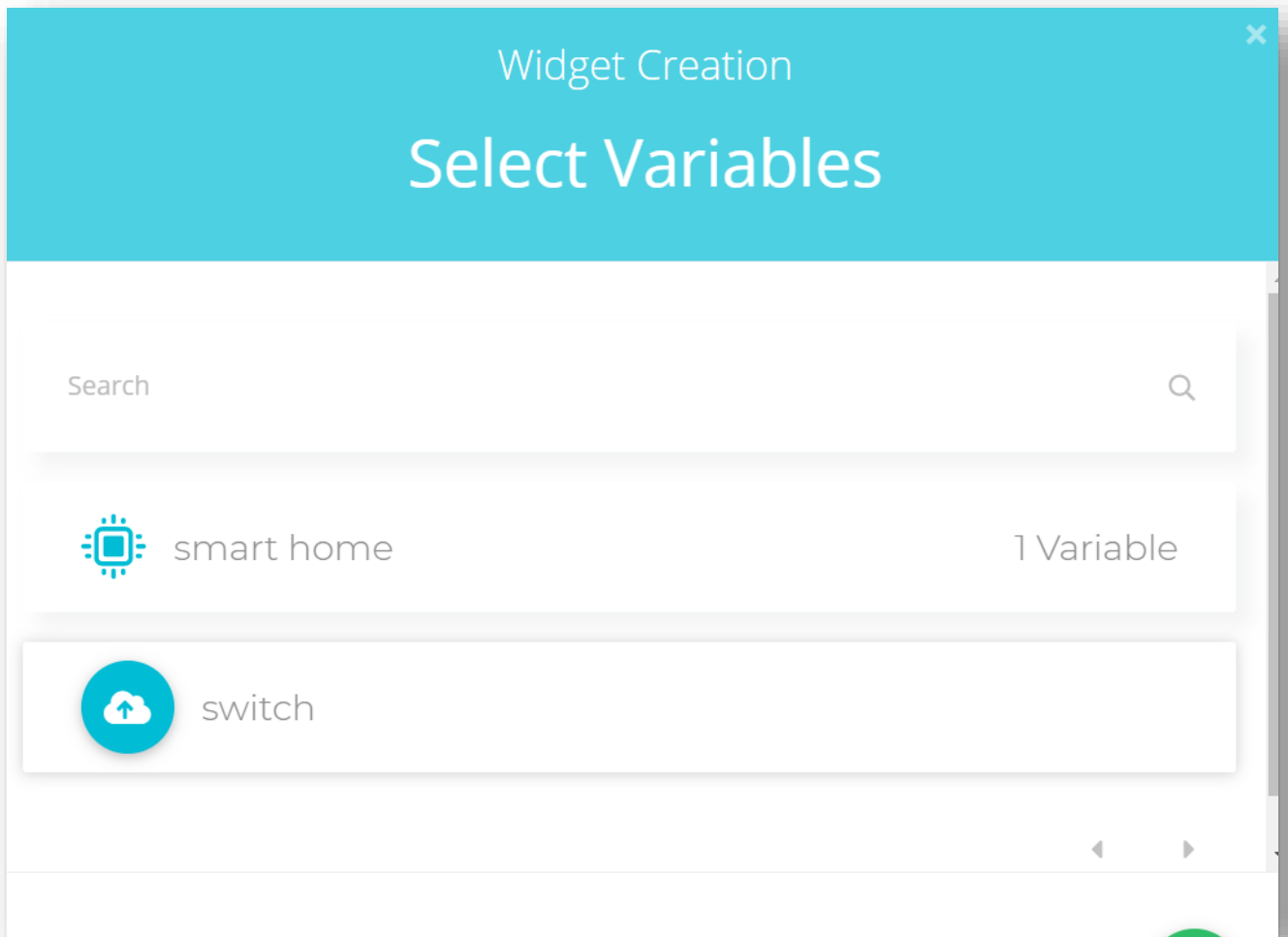


**CHOOSE SMART HOME AS A VARIABLE
AND THEN SWITCH**

**Before going forward change name
To bulb**

Name

Display labels



**NOW GO BACK TO DEVICES SECTION
AND NOW COPY THE API LABEL NAME**

AFTER THAT

GO TO MIT SITE

CLICK ON THE BLOCKS SECTION IN THE RIGHT TOP CORNER

smart home

Description

Change description 

API Label

smart-home

ID

607233881d847234b350b05c

Token

.....



Tags

Add new tag

Last activity

No last activity

Device type



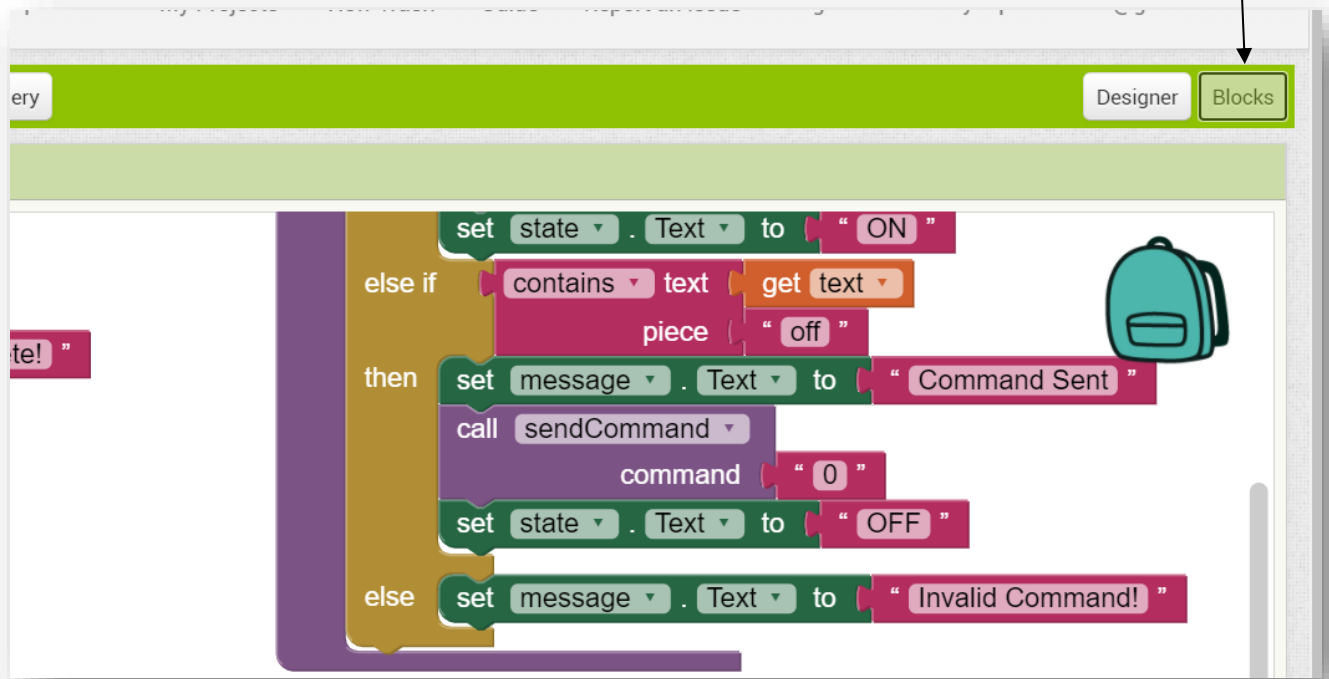
...

switch

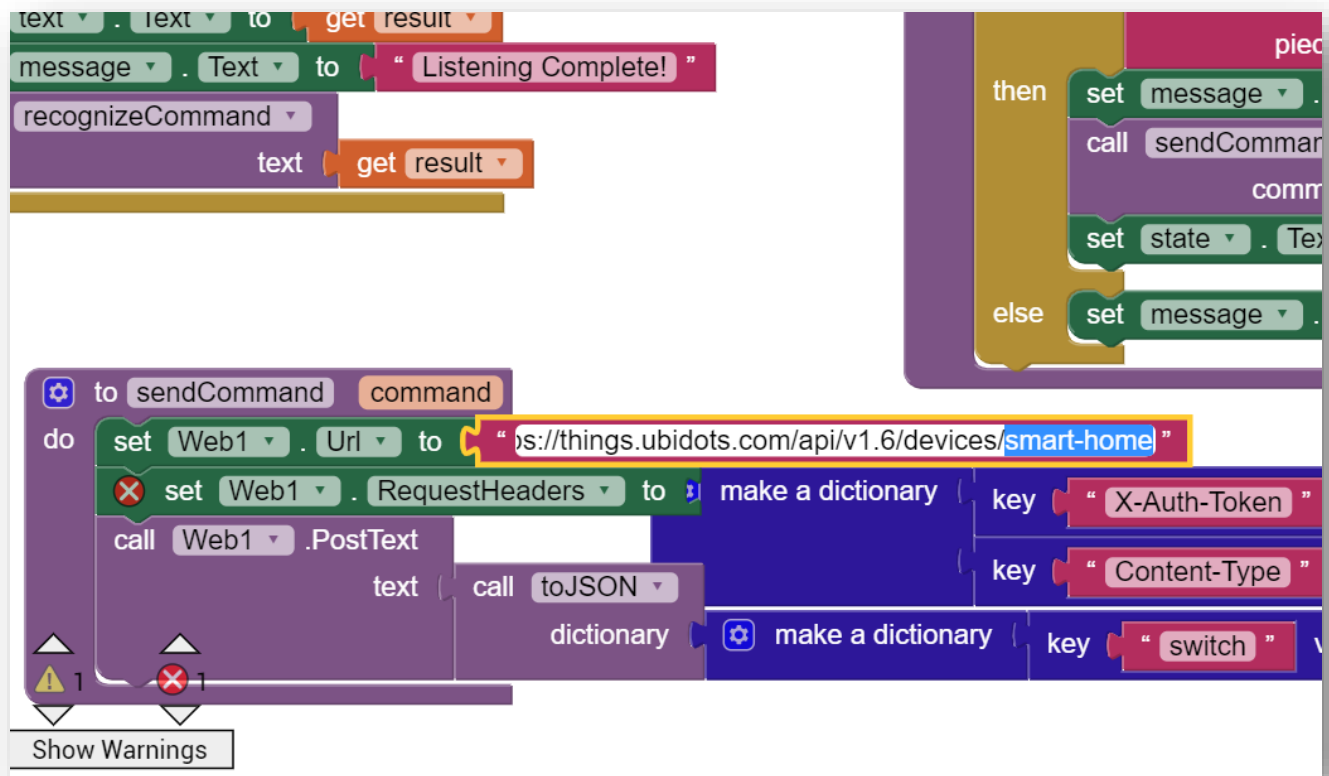
Last a

No l

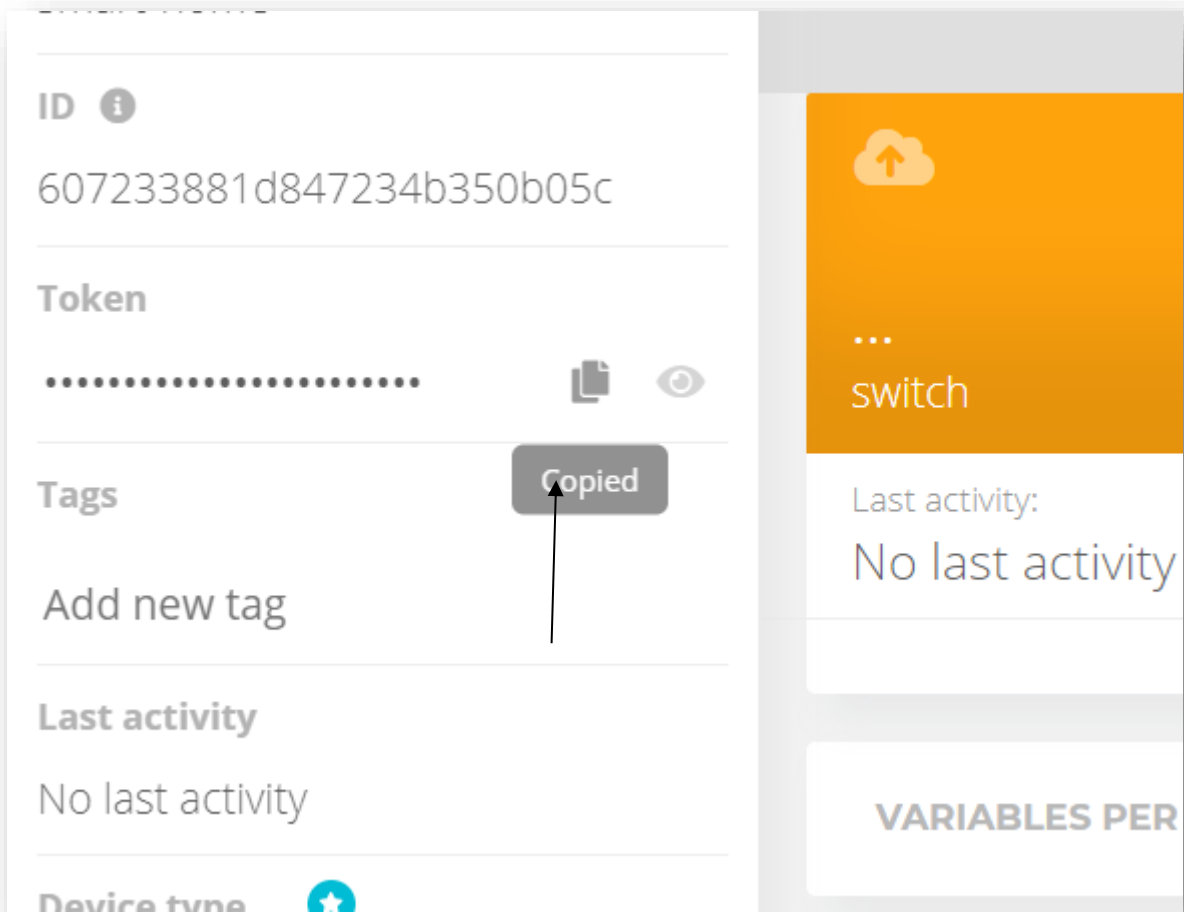
VAR



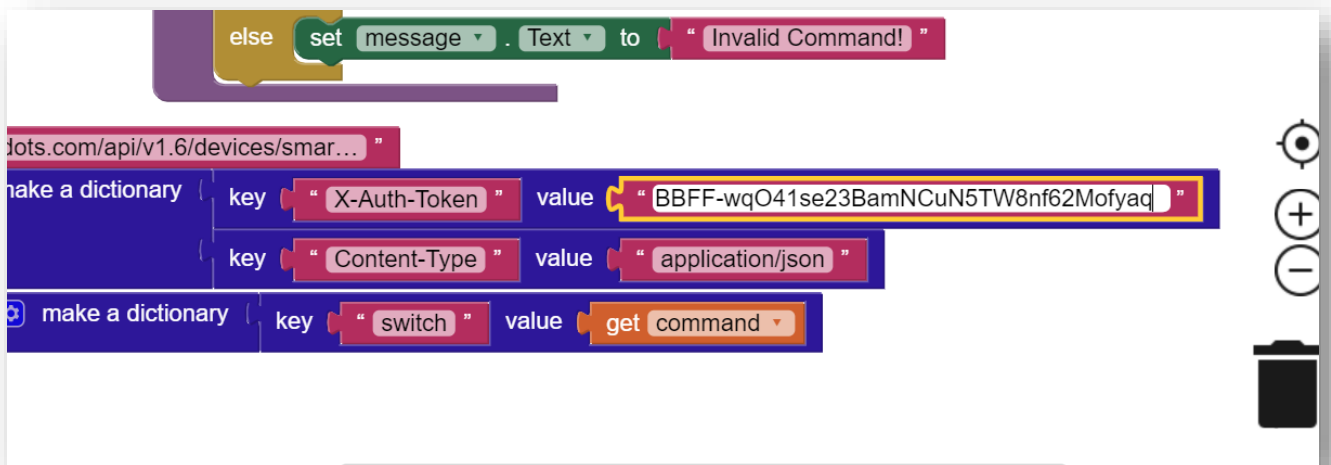
PASTE THE NAME YOU COPIED TO THE LAST OF THE LINK



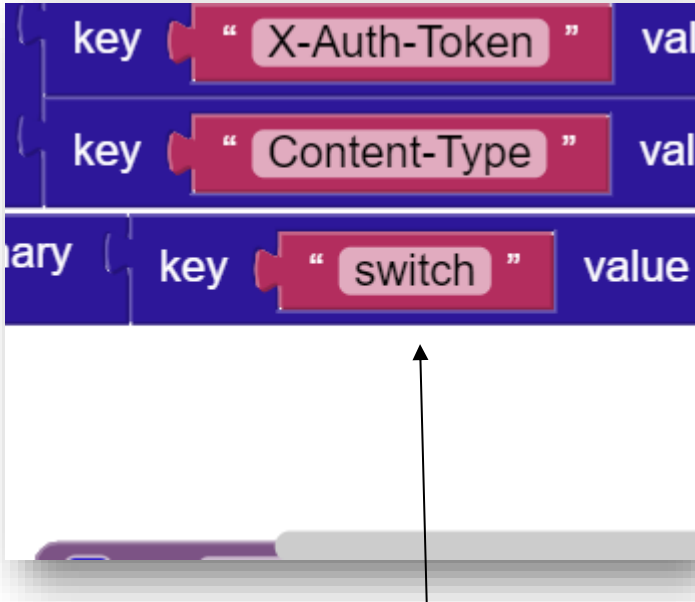
COPY THE TOKEN ID



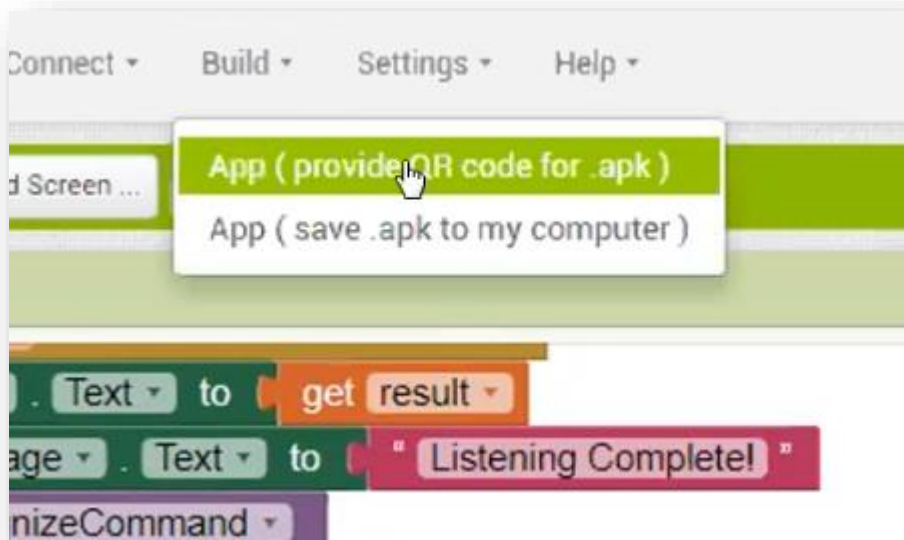
PASTE YOUR COPIED TOKEN ID HERE AT THE VALUE SECTION

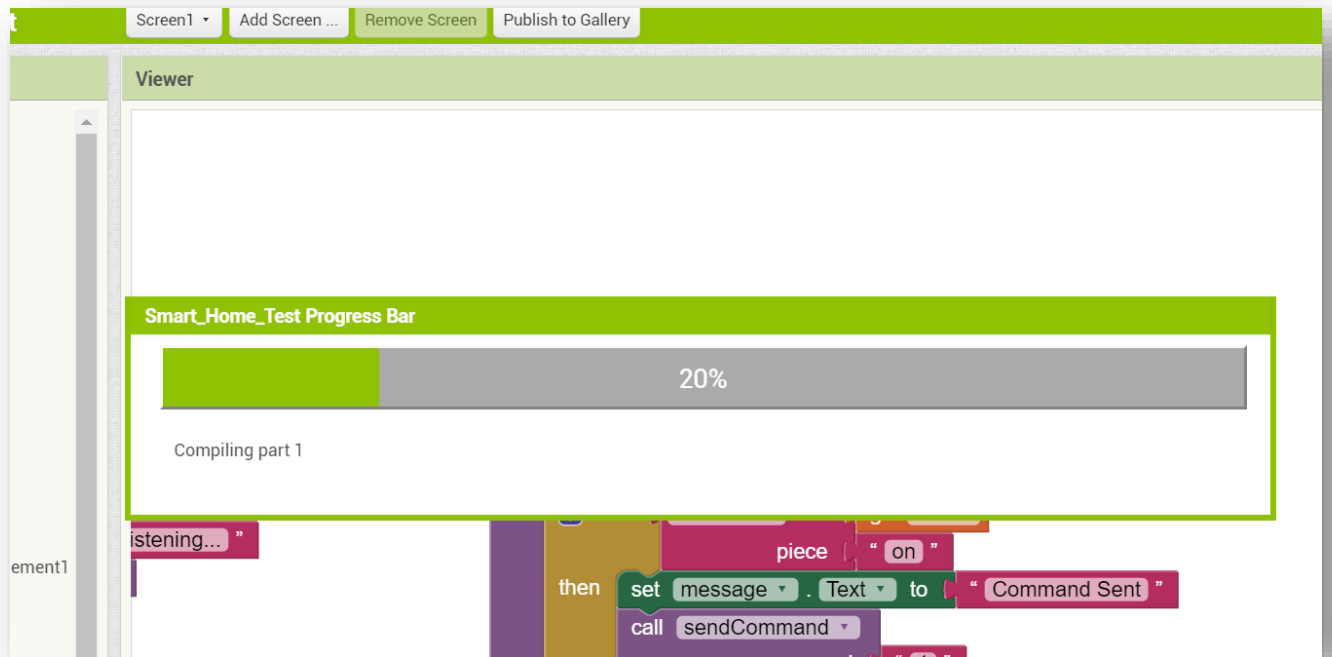


**COPY YOUR TOKEN NAME WHICH IS
switch IN MY CASE
AND PASTE IT IN THE KEY SECTION**



NOW TO MAKE OUR QR CODE





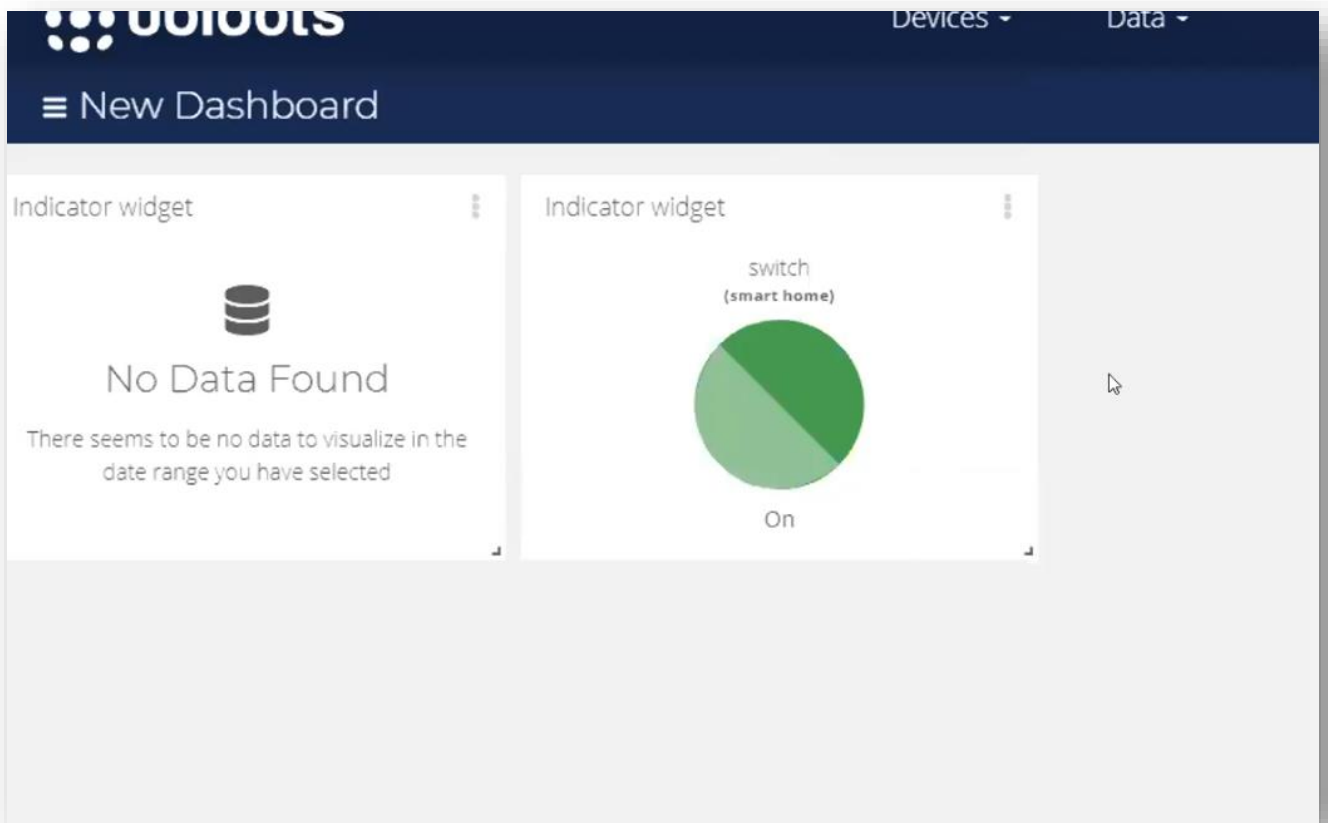
SCAN THE QR CODE WITH YOUR MOBILE PHONE



AND THEN DOWNLOAD THE APPLICATION THROUGH THE LINK

NOW YOU CAN SEE IN DASH BOARD AT UBIDOTS THAT THERE IS A BOX WITH THIS

PIC



**NOW SPEAK TURN ON / TURN OFF
AND IT WILL REACT TO YOUR VOICE TO CHANGE IT**

THIS IS OUR DATA OF ATTEMPTS OF TURNING ON AND OFF

