

Light up habit tracker.

About the project: The project uses a user interface (python tkinter) to ask the user if they have followed through on their habit. If yes, the led lights up and a connection with Evernote is triggered, which appends the current time to the To-Do note. Using this project, the user can keep track of their habit, for example, if the user wants to track how much water they drink in a day, they could use the interface everytime they drink water so that the information is stored on to Evernote and can be accessed by them at any point of time.

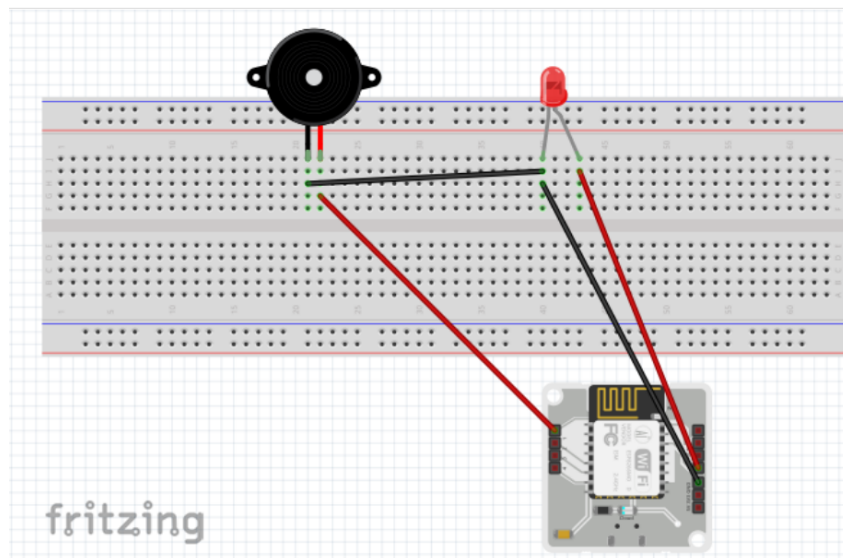
Hardware Components:

1. Bolt IoT Bolt WiFi Module
2. LED
3. Breadboard
4. Jumper wires

Software apps and online services used:

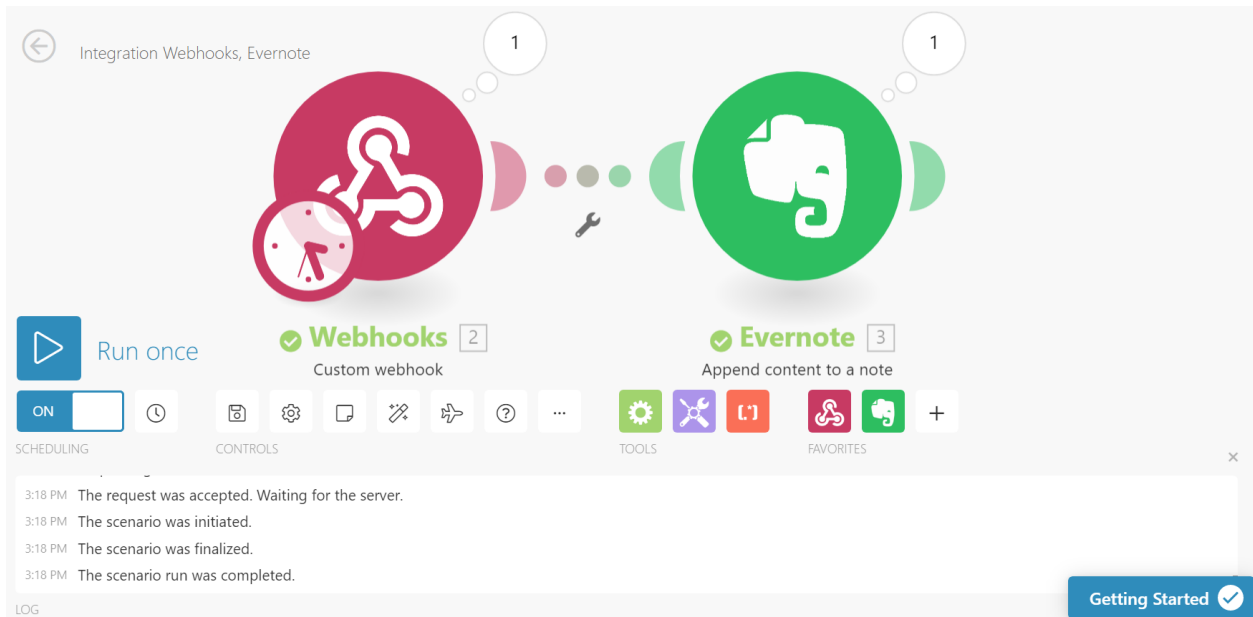
1. Evernote
2. Integromat

Circuit design of the project:



Working of the project:

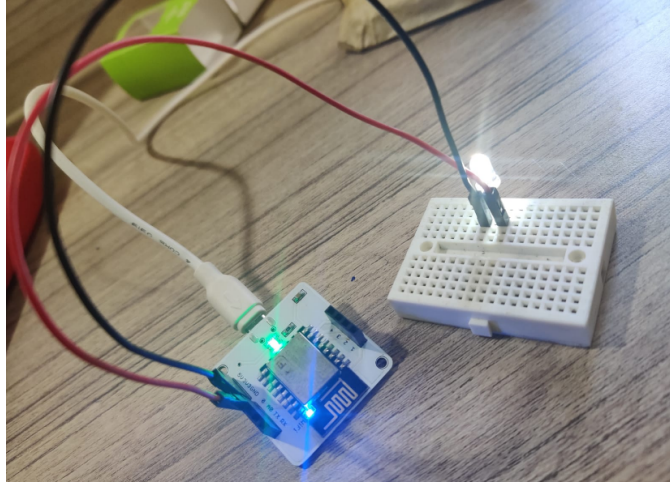
1. Configuring Integromat




2. Tkinter user interface:




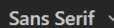








3. Glowing LED when user clicks on 'yes':



4. Timestamps collected on Evernote:

 First Notebook Only you Share ...




   Normal text  Sans Serif  16     More 

Habit Logging

I remembered to drink water at:

2021-12-08T09:48:04.259Z
2021-12-08T10:22:03.420Z

2021-12-08T10:24:22.275Z
2021-12-08T10:24:53.556Z

  Add tag All changes saved NEW EDITOR 

5. Data fetched from Bolt IoT Wifi Module:

7421153.csv - Excel

File Home Insert Draw Page Layout Formulas Data Review View Help Tell me what you want to do

Clipboard Font Alignment Number Styles Cells Editing

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1	time_stamp	d_id	zero															
2	08-12-2021 10:08	7421153	1															
3	08-12-2021 10:09	7421153	0															
4	08-12-2021 10:10	7421153	0															
5	08-12-2021 10:13	7421153	0															
6	08-12-2021 10:13	7421153	0															
7	08-12-2021 10:14	7421153	0															
8	08-12-2021 10:16	7421153	0															
9																		
10																		
11																		

