

# LINETELL!

- **Background**

Sometimes we need to know Who pass our home without our permission so we can quickly go to home to check if something pass from our area without our permission. This project to tell it to your social media like LINE so we need to tell it using API.

- **Spesificaion**

Build a NodeMCU that tell information to US from server. The specifications are:

1. Build a IR sensor
2. Show the condition someone passed or not in your LINE Messenger
3. there is database that tell which one IR Sensor send the signal.
4. The device should send the information live to our line API
5. If you do the challenge show the database time too because we want the realtime that things happen,tell the history and delete the history. if you could make database in the mysql, mangoDB is better
6. you can Activate and Unactivate the sensor. And choose the sensor by the sensor serial that you make.
7. Packaging. Package your device, It doesn't have to be neat and good looking
8. Packaging, user interface, and presentation affect the score given

[Remainder " number 5 to 6 is challenge"]

- **Minimum requirement:**

1. NodeMCU
2. IR sensor
3. LED
4. Heroku server (free) and database server (free)

- **Advice**

Recommended specification are not obligation. If you feel challenged you can do it

There are so many walkthrough to Line API, so have fun browsing

Your team may have consultation to client, either technical or not.

Have fun. Any question? Contact me

Client contact Line : @william\_chans

About LINE bot API

<https://developers.line.me/en/docs/?java#push-message>