**Software Setup:**

This project uses [PlatformIO](https://platformio.org/) for compiling and building and for library management and Blynk for real time notifications.

**PlatformIO Setup:**

* Make sure you have [Python](https://python.org/) on your system by running the command and it should give you its version.

$ python --version

Python 3.x.x

* Install PlatformIO with pip.

$ pip install platformio

Blynk Setup:

* Download the Blynk App on your phone.
* Create an account.
* Scan the QR code given below with Blynk to get the project.



* Open your email and get the Authentication Token of the project.\
* Keep the Authentication token handy.

**Get thecode:**

* Download the project from [Github](https://github.com/kumaraditya303/ESP8266-Blynk-Home-Security.git) Repository.
* Open the file config.h in include directory and update the credentials.

/\*\*

\* Configuration file

\*/

// You should get Auth Token in the Blynk App.

// Go to the Project Settings (nut icon).

constexpr auto auth = "";

// Your WiFi credentials

// Set password to "" for open networks.

constexpr auto ssid = "";

constexpr auto password = "";

// Your Email address for notification

constexpr auto email = "";

// Pin for PIR Sensor

constexpr auto PIR\_PIN = D5;

* Plug ESP8266 in your computer and upload the code using the command

$ platformio run

* Done!

Whenever the PIR sensor senses an intruder, it will send email as well as mobile notification to the person.