Install VirtualBox

https://www.freecodecamp.org/news/how-to-install-ubuntu-with-oracle-virtualbox/

In this website they got link to Ubuntu make sure you download Ubuntu desktop iso

Install python3 in VirtualBox

https://phoenixnap.com/kb/how-to-install-python-3-ubuntu

Installing bluepy (Internal Comms):

sudo apt-get install -y python3-setuptools

sudo apt-get install git build-essential libglib2.0-dev
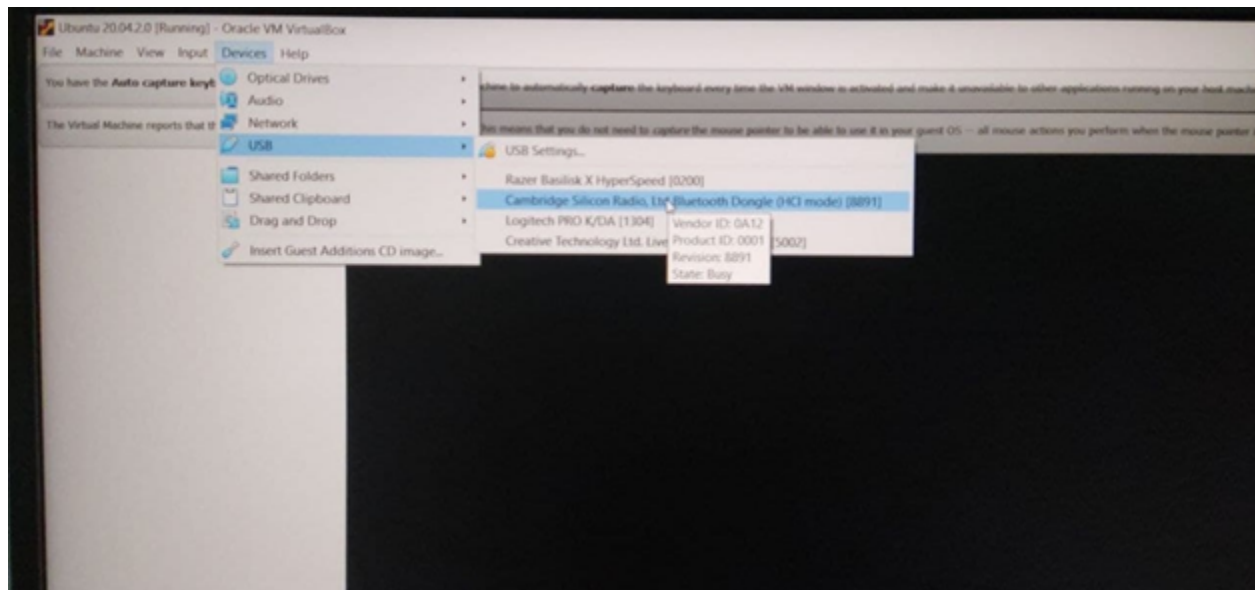
git clone https://github.com/IanHarvey/bluepy.git

cd bluepy

python3 setup.py build

sudo python3 setup.py install

Attach your PC Bluetooth to VirtualBox:

This should be your Bluetooth device. Most likely is Intel

Cloning Comms Repository and setting it up:

1) If you do not have git - sudo apt install git-all
2) If you do not have vim - sudo apt install vim
3) git clone https://github.com/theopin/laptop-comms-scripts.git
4) a) Transfer .env file into the newly created ./laptop-comms-scripts directory
    1) vim .env
    2) Add the following data into the file exactly. Refer below for additional notes on the particular fields to update
        SECRET_KEY_PASSPHRASE='CG4002DEMOGRP_14'
        USER_ID ='username'
        HAND_BEETLE_MAC = 'hand_beetle_mac'
        LEG_BEETLE_MAC = 'leg_beetle_mac'
        IS_USING_EMG = '0'

    3) Save the file
5) Install the required dependencies for the external comms

Replace username with the following based on your name:
Shuyi - shuyi
Steve - steve
Wei Siong - weisiong
Theodore - theodore
Ningmou - ningmou
Harry - harry

Replace hand_beetle_mac and leg_beetle_mac based on the beetle numbers you are holding.
If you only have 1 beetle, set leg_beetle_mac to 11:11:11:11:11 temporarily

Installing Dependencies (External Comms)

1) sudo apt-get install -y python3-ntplib
2) sudo apt-get install python3-pip
3) sudo pip3 install python-dotenv
4) sudo pip3 install paho-mqtt
5) sudo pip3 install pycryptodome

Updating the repository

1) cd laptop-comms-scripts
2) git pull