

BLE Smart Light

Bluez · Smartphone · Raspberry Pi · SenseHAT

Introduction

In this lab you will use Bluetooth Low Energy (BLE) and a Raspberry Pi/SenseHAT to build a "smart lightbulb".

Equipment

- Raspberry pi 3
- SenseHAT
- Smartphone(Android/iPhone)
- OPTIONAL: Screen with HDMI, Keyboard, Mouse for RPi