**IoT Gateway:**

https://thenewstack.io/tutorial-prototyping-a-sensor-node-and-iot-gateway-with-arduino-and-raspberry-pi-part-1/

https://thenewstack.io/tutorial-configuring-a-sensor-node-and-iot-gateway-to-collect-and-visualize-data-part-2/

**Xbee:**

**Xbee與Zigbee基礎知識:**

https://swf.com.tw/?s=Xbee

https://yuanchieh.wordpress.com/category/%e7%8e%a9%e7%8e%a9mcu/xbee%e7%b3%bb%e5%88%97/

**Arduino對 PC 1 對1通訊**

https://qiita.com/s\_fujii/items/9804eaf3599139164aa3

**官方Guide:**

http://ftp1.digi.com/support/documentation/XBee%20ZigBee%20Migration%20Guide.pdf

**Xbee api mode相關測試(使用PIC):**

http://zattouka.net/GarageHouse/micon/XBee/XBee5.htm

**AT command一覽:**

<http://zattouka.net/GarageHouse/micon/XBee/ATcommands.pdf>

**從network構成到api mode，sleep mode都有詳細解說的網站(含arduino程式碼):**

https://www.aihara.co.jp/~junt/electronic-circuit/XBee.html

**Arduino:**

**arduino Xbee library:**

https://github.com/andrewrapp/xbee-arduino

**MH-Z19B接線與程式碼:**

https://sites.google.com/site/wenyumaker/03-mh-z19er-yang-hua-tan/01-mh-z19-arduino-oled

**SHT-31接線與程式碼:**

http://arduinolearning.com/code/arduino-sht31-module.php

**Android app:**

**MPAndroidChart官方文件:**

https://weeklycoding.com/mpandroidchart-documentation/

**MPAndroidChart相關實例:**

https://blog.csdn.net/jinmie0193/article/details/90239935#%E4%B8%80%E3%80%81MpAndroidChart%E7%9A%84%E5%9F%BA%E6%9C%AC%E4%BD%BF%E7%94%A8

https://blog.csdn.net/HAndroidevelopcker/article/details/77967471

**Fragment(用來製作分頁):**

https://qiita.com/Reyurnible/items/dffd70144da213e1208b

**Viewpager(Fragment的容器，可以切換當前顯示的fragment):**

https://developer.android.com/training/animation/screen-slide?hl=ja

**在app中實裝firebase功能:**

https://firebase.google.com/docs/android/setup?authuser=0

https://litotom.com/2016/06/26/firebase-android-send-2/

**透過firebase送訊息:**

https://firebase.google.com/docs/cloud-messaging/send-message?authuser=0

**從app傳送通知給手機:**

https://developer.android.com/training/notify-user/build-notification