Next week midterm 1:30
but need to come at (12:10pm)

20 cheat sheets | 2x scantron

3 consecutive weeks

Topics: for test
- Allseen   - IOT-Architecture
- Bluetooth   - Arduino
- Xively   - NFC
- Sensor

including HWs: freeboard.io

Beagle Bore : good for Android.

Arduino.
Raspberry Pi

fabless
(ARM)

Beagle Bon.
Intel Galelio.

} uses same library as Arduino.

prob of 11a.c wifi ; too hot.

BT has 80 MHz BW

2.402 GHz
↓
2.480 GHz

Bluetooth

FHSS (frequency hopping)
→ switch between freq after
a certain amount of time → security feature.
most devices use class 3 BT

mote ~ beacon

Sensor node.

BT Profile : A2DP, AVRCP, HID, PAN

prototype ──→ industrial design
              hardware enginee

ietf -> http
        ↘ mqtt
       ↓
    defines protocol.

What size of mem is required for IoT device?
estimate IPv4 & IPv6 software stack.