# Eq2 - Controlabole Alling

## Cools

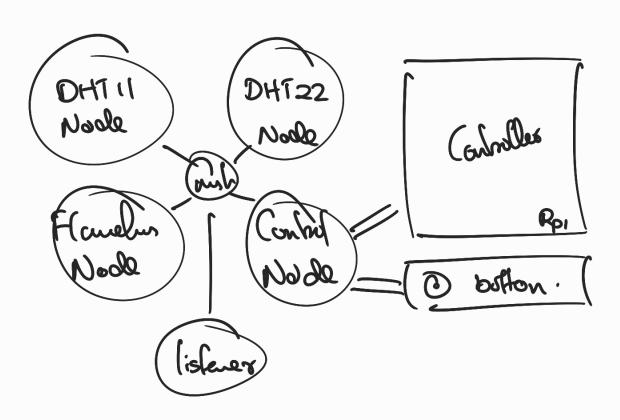
- O Implement basic mesh messagny protocols
  O Achieve serial interface the Mode & Rpi
  o Fio Birosy Artifoling (adjust bound rate)

#### Ales

Hangasnode ino alifil node. ino dht22 male:no

confulnable ina listeneonalo.ius conjugge , bd.

## nadram



#### Belowiour

## o DHT11/DHT22/Flancher Nodes

- -> log rush updates intervally
- -> thede recieved versonges for pingrequests and respond with sensor readings & config.

#### o distens Node

-> log all recieved vussages and rush yeables

#### · Control Noole

- -> Send ping requests when buffor is pressed -> forward meh ydales to Ri
- -) forward all misages to Rpi

#### o Controller (Roi)

and prese into dict or sto

## Notes

- o 115200 parol este may be too high. Openiment us lower values and cheale social members for data integrity.
- o 57600 boud rake significantly rechised business occasional occurrences
- all pinear aufenting. conferent, conferent, .

38400 -> ideal boud rate for aftenore Seval or amateur wiring.