.03 Test
-- · Test radar response, accuracy, distance
· Evaluate display

.100 Test Design YP-1

. 100 Test Design YP-1

V. Ol Multi-sensor setup

Choose top 3 sensors

L ultrasonre HCSROY

Lemp/ Nomidity DHT-11

L IR sensor HW-488

Treplaced with mic module

1 02 Physical Sctop • Include LCD W/ IZC

Connect sensors

Lommon Call

Lommon VCC (5V)

LHC-SROY Tris -> D9 (PWM)

Echo -> DB

LDHT-11 Data/5 -> D2

LTR Analos Data/5 -> AO

V 203 Main code config • Write single Ardvino ino code

- · Write single Ardvino ino code w/ wife credentials in header tile
- . Include html text display to IP address a data output @ end poluts
- .04 Python Front-End api
  - · Python code to http request sensor data from IP a endpoints
  - Display data graphically L-w/ Thruter
- . 65 HTML, CSS Front- End OK, · Code Http requesting in tHML +CSS
  but · Display the data graphscally
  ABORTED
  - . Dle Back-End display 1. HTML, CSS, JS embedded in ino code for graphical display
- 10 Modular code set up · Split cod blocks ruto header copp files for: LWifi setup 1. Sousor config no CPP

L Sensor confis ho cope

L Sensor confis ho cope

L LCD & Serial dual print just h

I also encorporated in wifi
setup & main ino code

L Dashboard endpoints ho cope

L Wifi credentials just h

L Main ino code