ESP 32

-read in led data

.txt file?

-Real time clock (api poss)

-weather functionality maybe?

-way of storing the LED’s off and on state

- Reactive

Sensor tripped to do sequence.

- Programmed

If LED programmed make object with a start time, end time and then array.

Array of tuples?

Length of programmed LED sequence (10 secs or 15)

Every half second/quarter/smaller maybe? (brightness, brightness, brightness)

Every time that brightness is done?((brightness, length), (brightness, length))

every x time update (shorter more power lost longer is restrictive)

-same for motors?

-sounds?

Web Front end

- How to connect to ESP?

Usb/SD card

Wifi?

Bluetooth?

-create object to send to ESP

-set of led colour config

-create new led colour configs

-really nice UI

If wireless connecting page

Making new LED sequence page

timescale of led brightness’s.

adjustable timescale

Making LED config page

Building blocks?

Dropdown box?