# Garden controller

Check mqtt

Check and report temps

Time to Check drones?

For each drone

Kick btLE

Request water level

Report water levels to mqtt

Compare water levels

Does main need filled?

Which barrel has most?

Run pump on most 5 min

Check main level

If main < 90 loop else exit loop

Time to Run irrigation schedule?

Kick btle

Post to main to run irrigation

Report pump activity to mqtt

Change lighting?

# Drone

Respond to btle kick

Respond to water level

Respond to run pump

Respond to irrigation

Handle lights