



LCD Behavior:

- Line 1: Date + Time
- Line 2 alternates:
 - Temp: XX°F
 - STATE SP:XX
- Alternates every 5 cycles

UART Behavior:

Every 30 seconds send:
state,currentTemp,setPoint

Set Point Buttons:

- GPIO 25 → Increase SP
- GPIO 12 → Decrease SP Triggers
updateLights()