

AquaController

Setup Controller

Draw TFT-Display

Loop

1 Second left?

Heartbeat

Time ":" <-> " "

1 Minute left ?

Set Time

Motion detection

Moonlight if time is reached

Measure-Delay is reached

Temperature measurement

Temperatur > min. Celsius
and < max. Celsius?

Heater ON / OFF

Time for Daylight?

Light < MAX Light?

Dimming lights ON

Light = MAX ?

2nd Lightning ON

Radiosignal to
Radosocket

High Voltage
Lightning ON

Lunchtime?

2nd Lightning OFF

Radiosignal to
Radosocket

High Voltage
Lightning OFF

Dimming lights OFF

Afternoon?

same as "Time for Daylight"

Evening?

same as "Lunchtime"

> 8PM < 10PM ?

Spotlight / Bluelight ON

>= 10PM

Dimming Spotlight /
Bluelight OFF

>= 10AM < 8PM?

Radiosignal CO2 ON

>= 8PM < 10AM

Radiosignal CO2 OFF