

greenerthumb Requirements

1. Each hardware component must be optional.
2. Sense:
 - a. Air temperature and humidity.
 - b. Soil moisture.
3. Publish sensed data on a connected network.
4. Log sensed data from the network.
5. Plot sensed data from log files.

Future Requirements

- Sense soil pH.
- Plot sensed data from the network in real time.
- Push a notification to a connected phone when the soil moisture from the network is below a user set threshold.
- Water plants when the soil moisture from the network is below the user set threshold.
- Make sensors wireless.