

## **greenerthumb Requirements**

1. Each hardware component must be optional.
2. Sense:
  - Air temperature and humidity.
  - 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.