

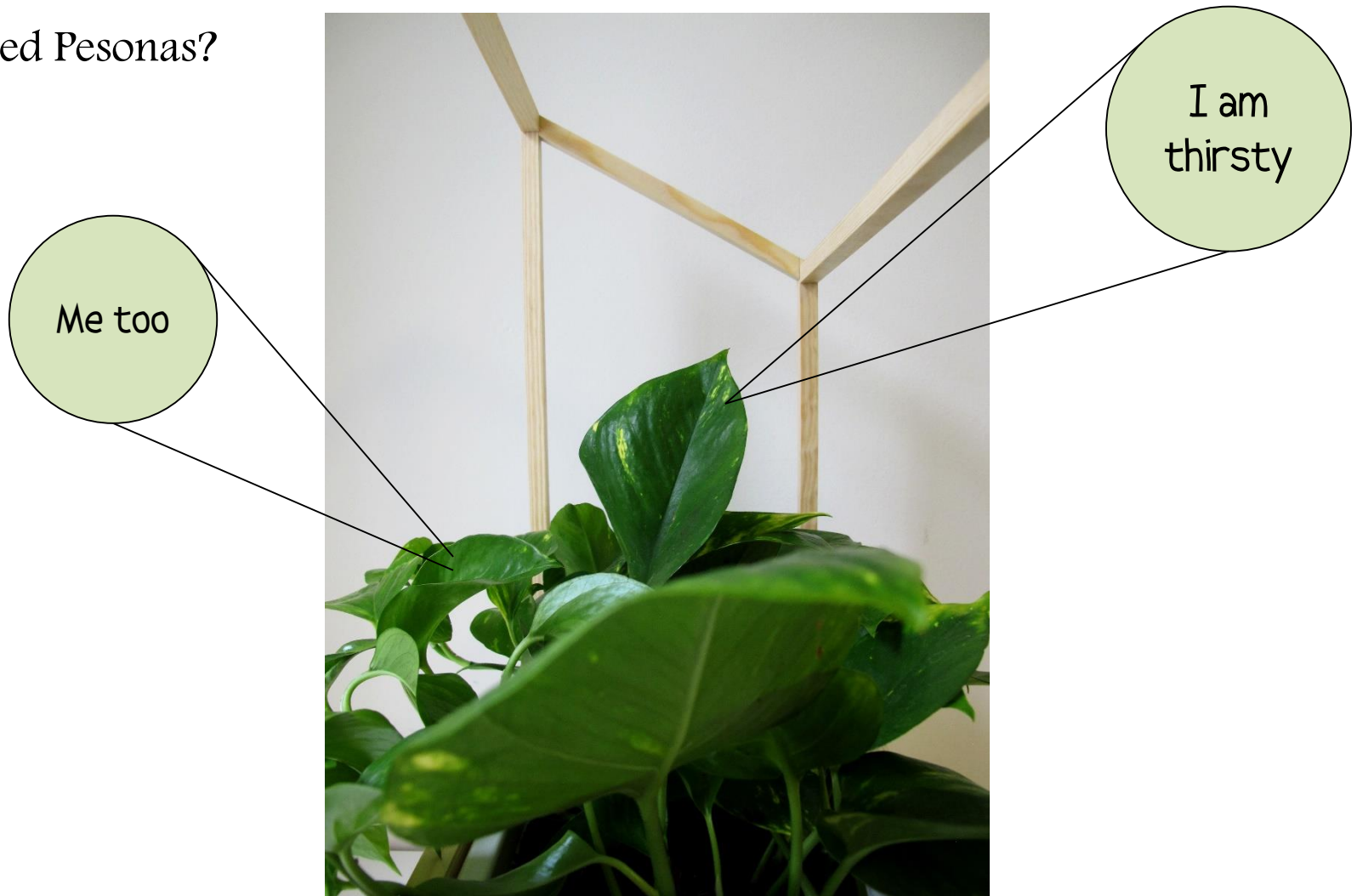
Planted PersonaaS

This Project will help you to NOT ONLY pay more attention of your plants, BUT ALSO enjoying more about planting!



Planted Personas

Planted Pesonas?



Planted Personas



Planted Personas



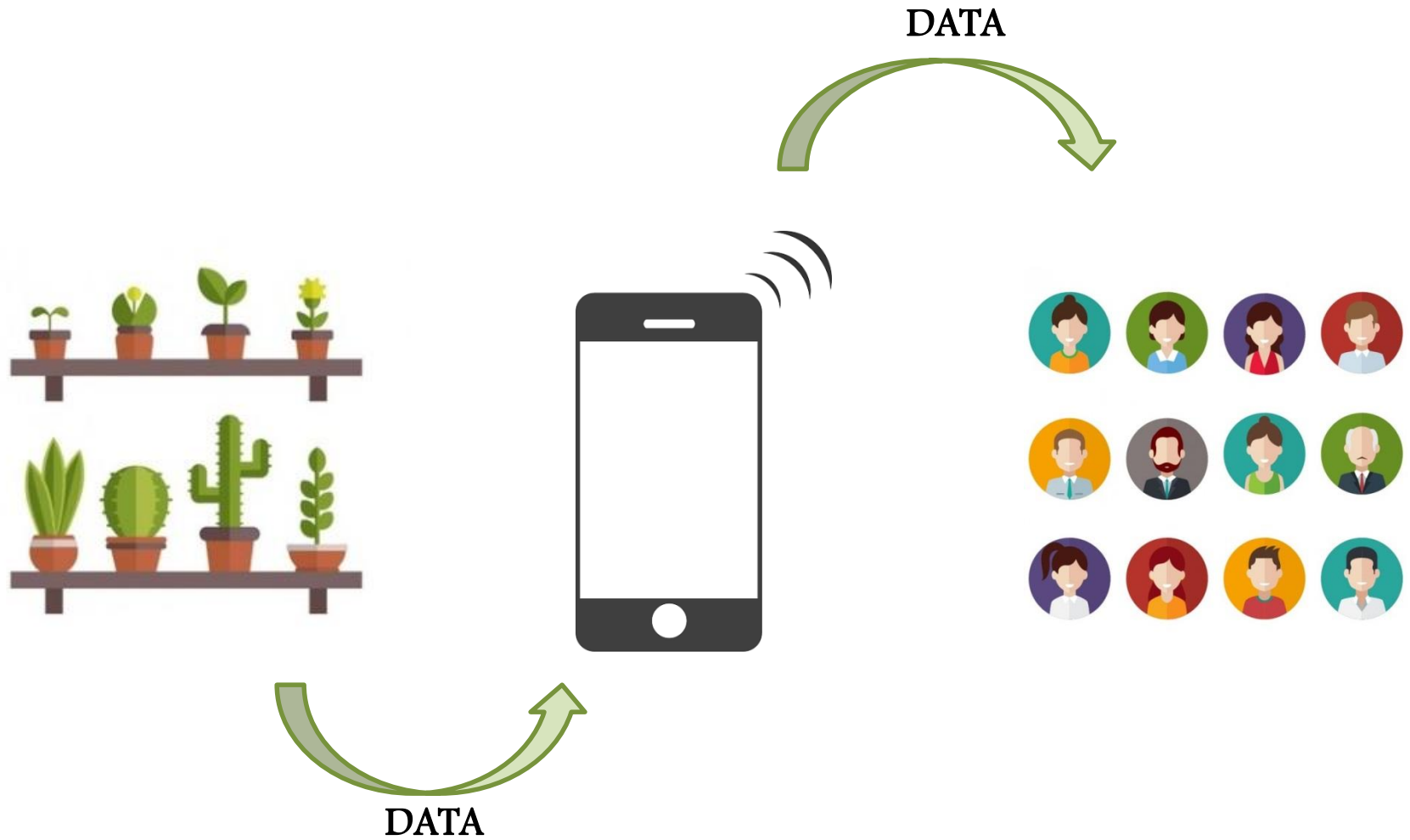
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BUT, HOW?



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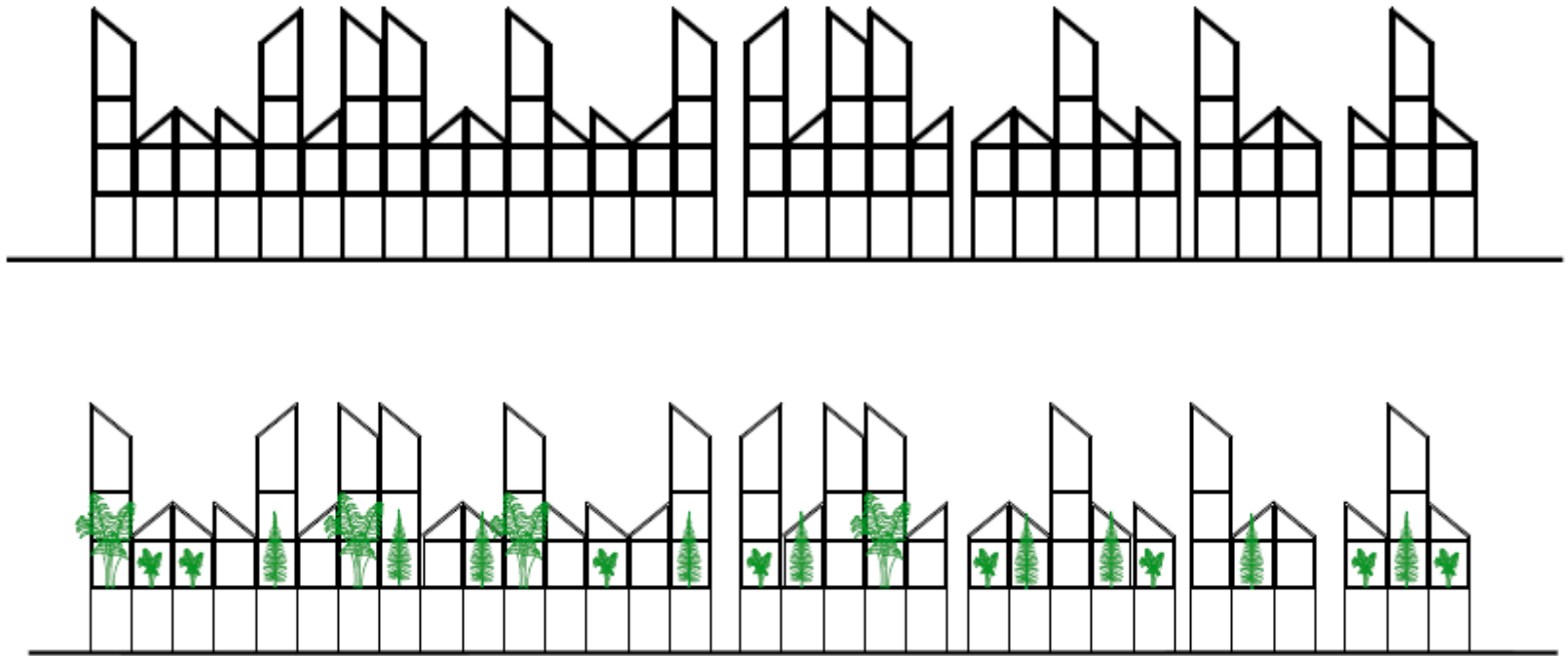
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Modular Design

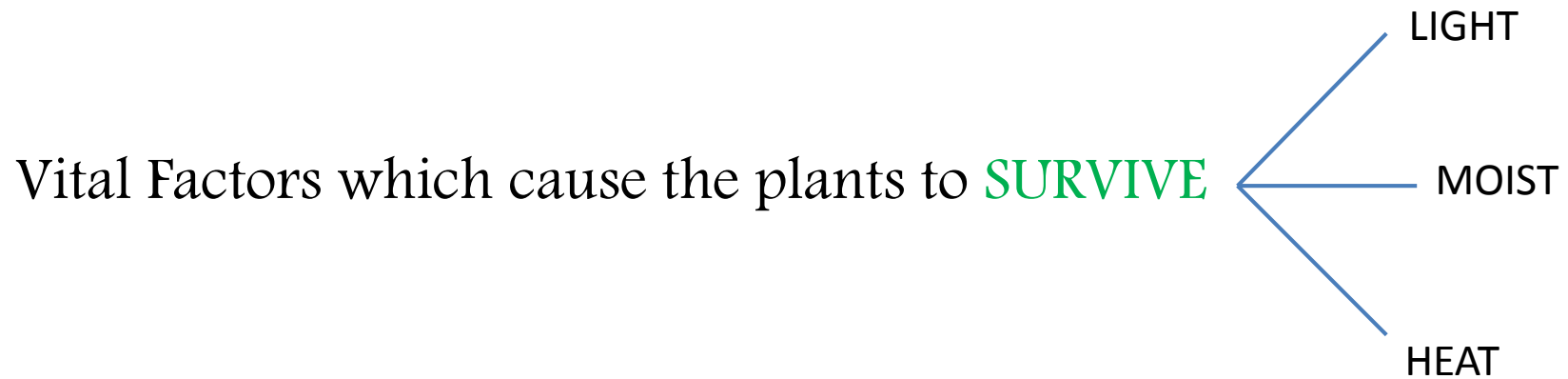


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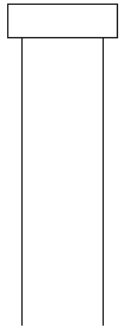
Modular Design



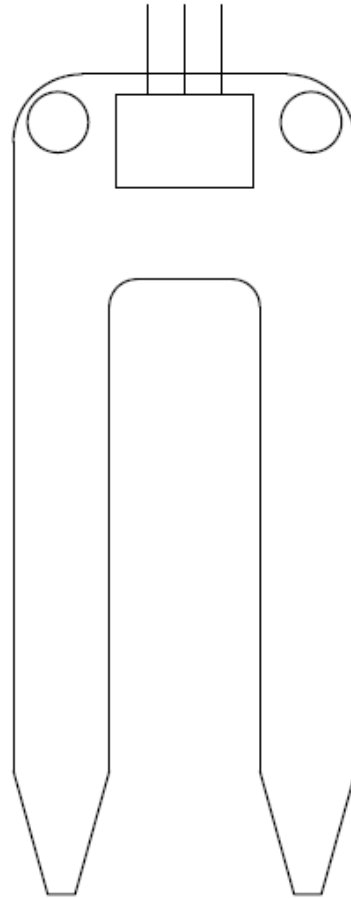
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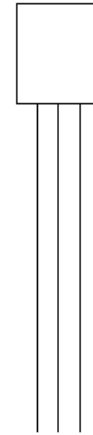
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Photoresistor



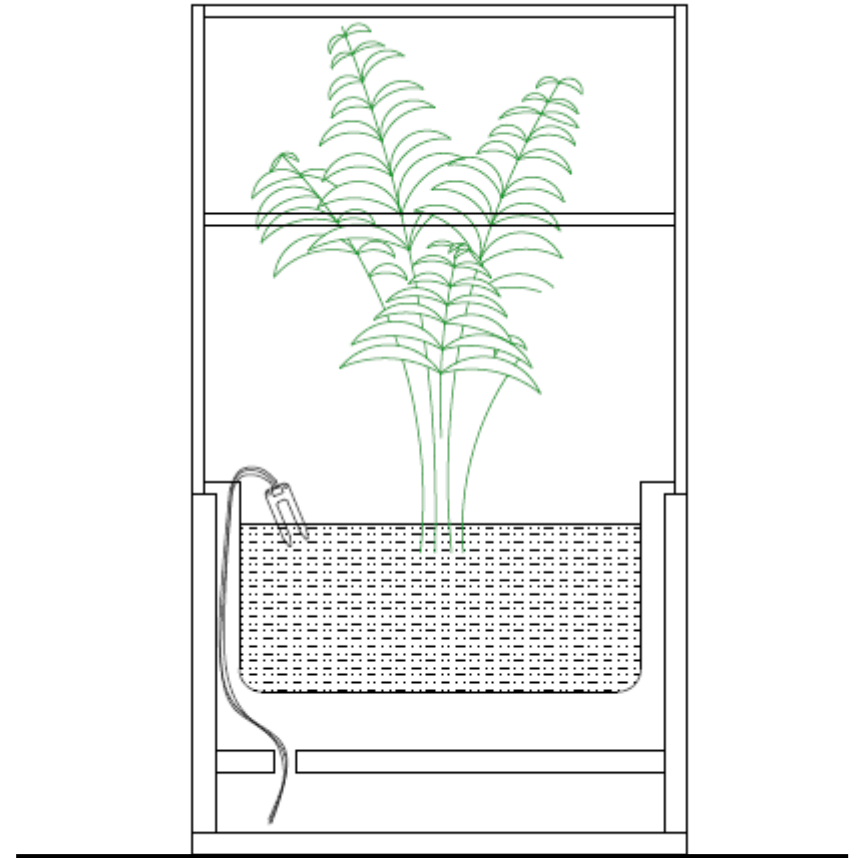
Moisture Sensor



Thermistor

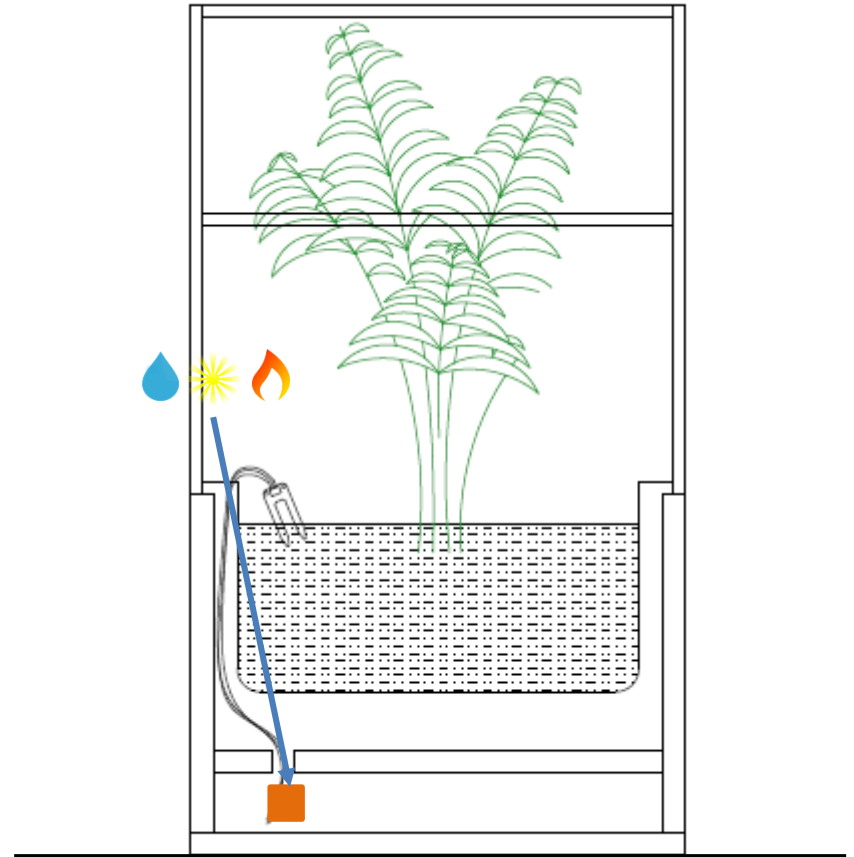
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- 1 The Plant feel unsatisfied with its situation (lack of water, improper heat which is based on the light whether it is day or night).




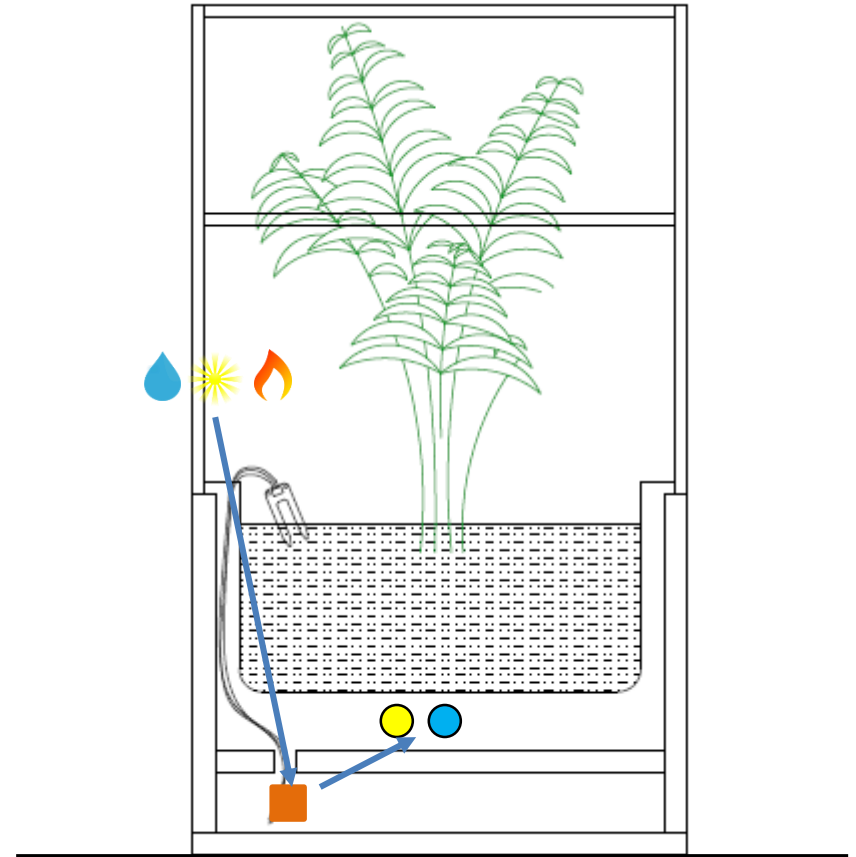
Planted Person a S

- 1 The Plant feel unsatisfied with its situation (lack of water, improper heat which is based on the light whether it is day or night).
- 2 Moisture sensor, Thermistor and Photo Resistor notice it and send this information to the Arduino which is in the tray .



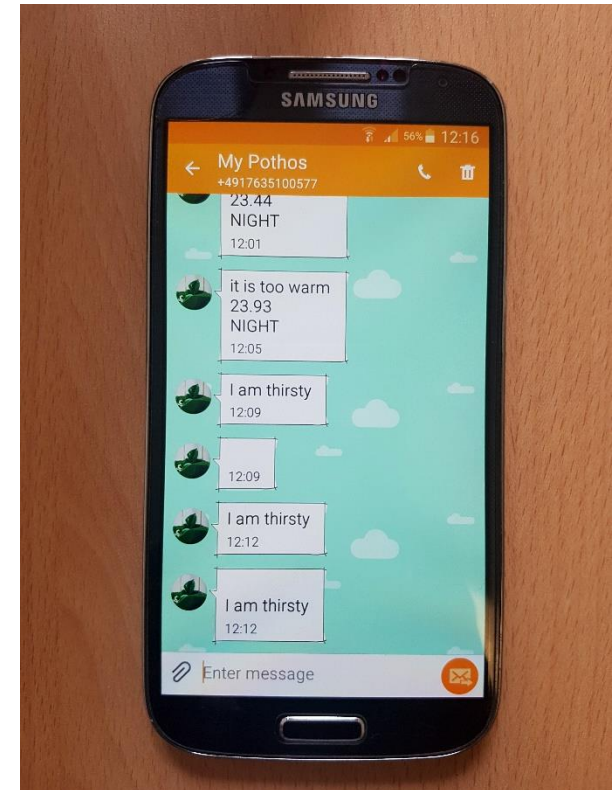
Planted Person aS

- 1 The Plant feel unsatisfied with its situation (lack of water, improper heat which is based on the light whether it is day or night).
- 2 Moisture sensor, Thermistor, Photo Resistor notices it and sends this information to the Arduino which is in the tray . 
- 3 The Arduino sends this Data to the two LEDs with colors of blue and light respectively for moisture sensor and light sensor which are on the façade of the green house. So they will light up as a signal.



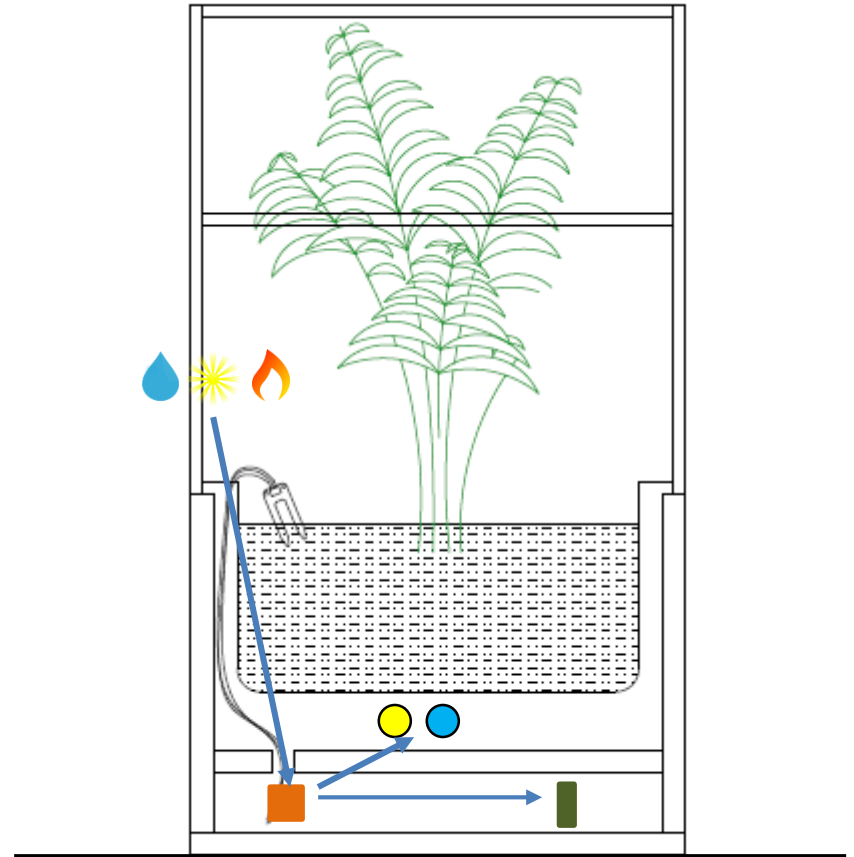
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But, what if you are not home and can not see the signals?
Then, your plant will send you SMS.



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- 4 The Arduino sends the Data to the Bluetooth Module which is in the tray.

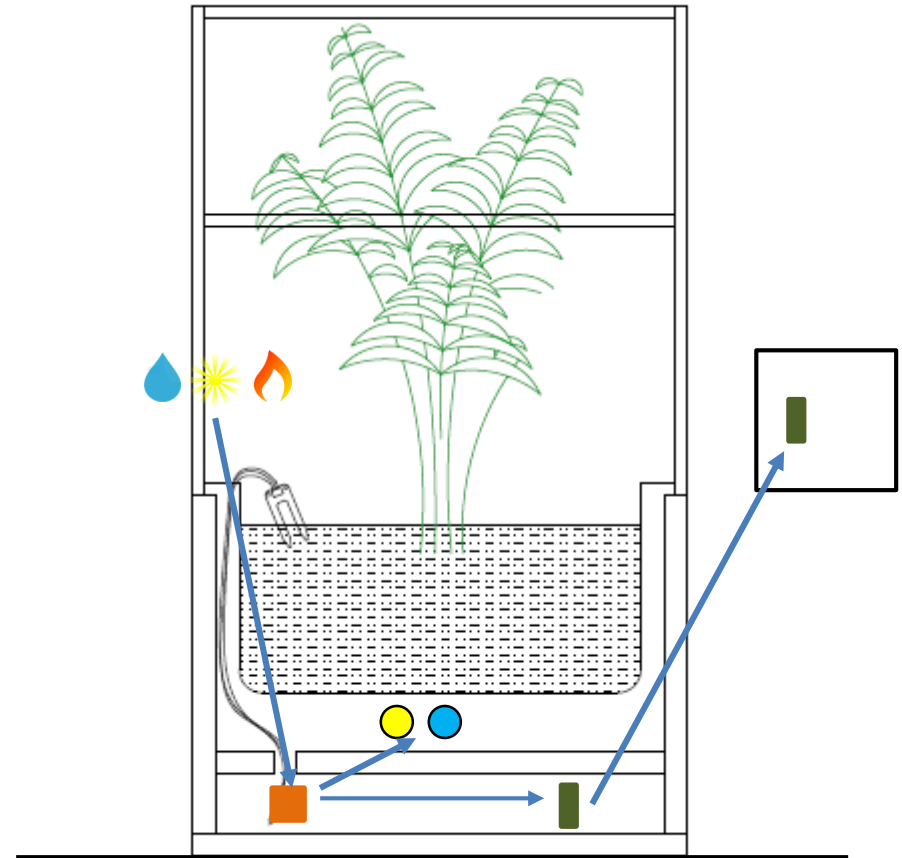


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- 4 The Arduino sends the Data to the Bluetooth Module which is in the tray.



- 5 Bluetooth Module sends the Data to the Bluetooth module which is on the central frame.



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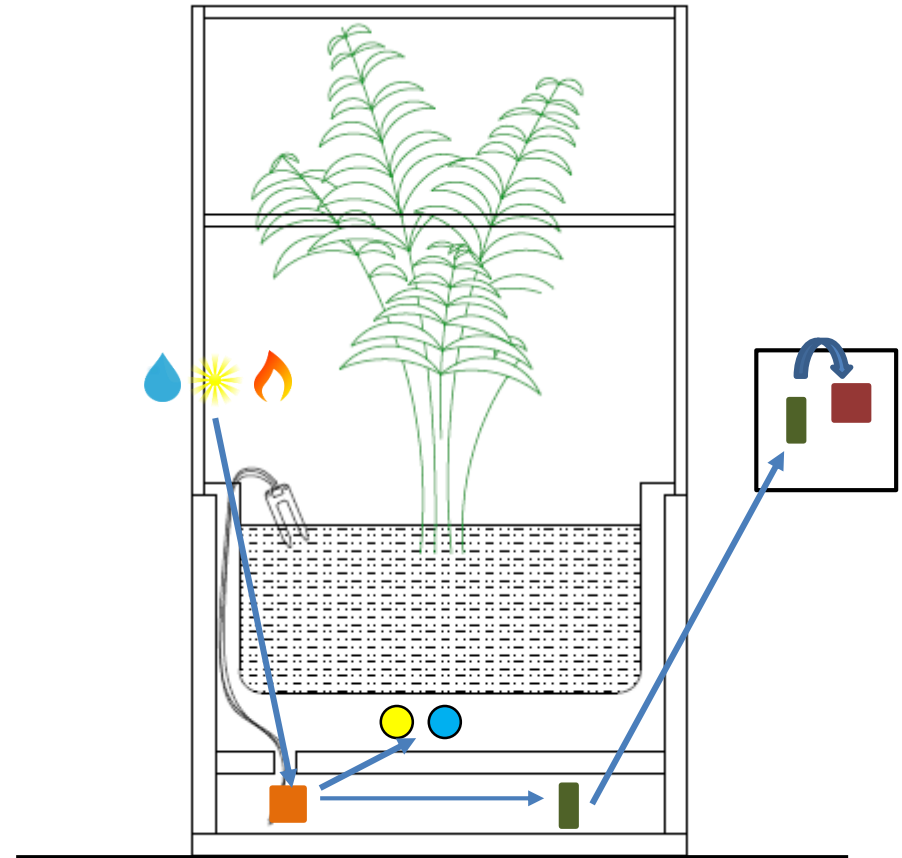
4 The Arduino sends the Data to the Bluetooth Module which is in the tray.



5 Bluetooth Module sends the Data to the Bluetooth module which is on the central frame.



6 Bluetooth Module sends the Data to GSM shield on the central frame.



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- 4 The Arduino sends the Data to the Bluetooth Module which is in the tray.



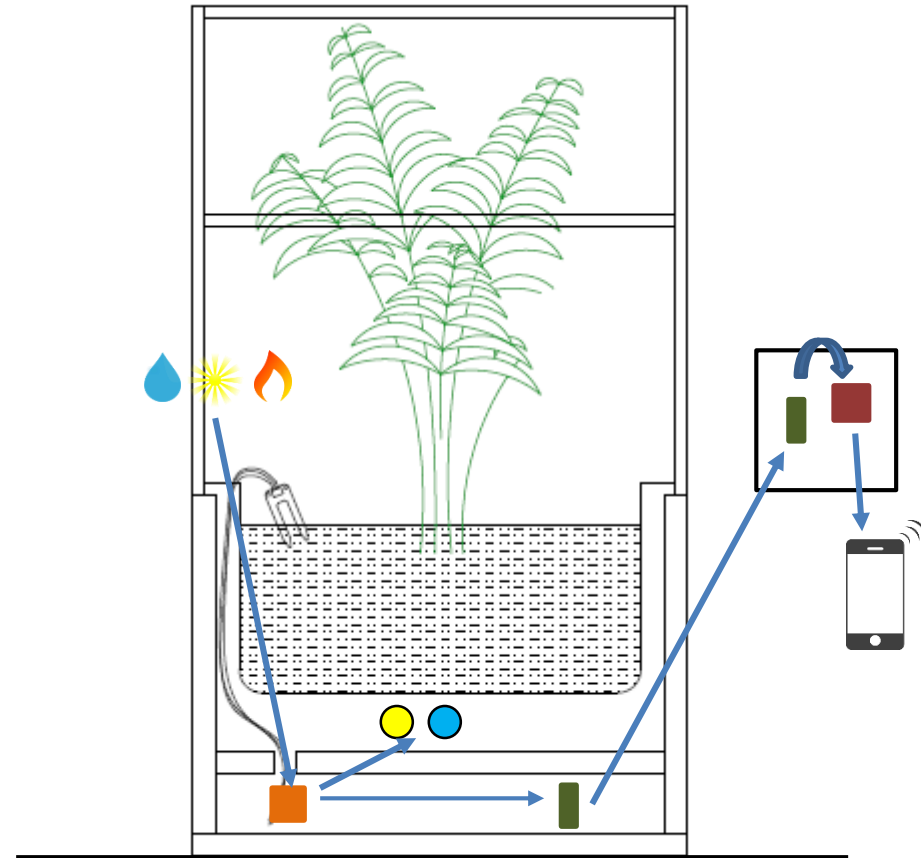
- 5 Bluetooth Module sends the Data to the Bluetooth module which is on the central frame.



- 6 Bluetooth Module sends the Data to GSM shield on the central frame.

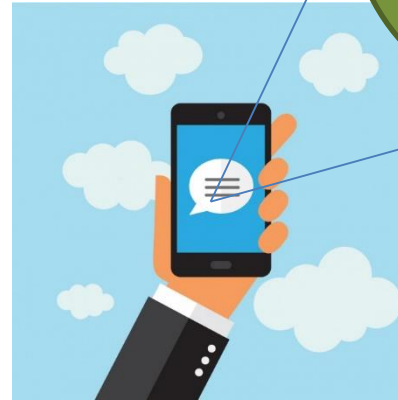


- 7 GSM shield sends SMS to your Phone.

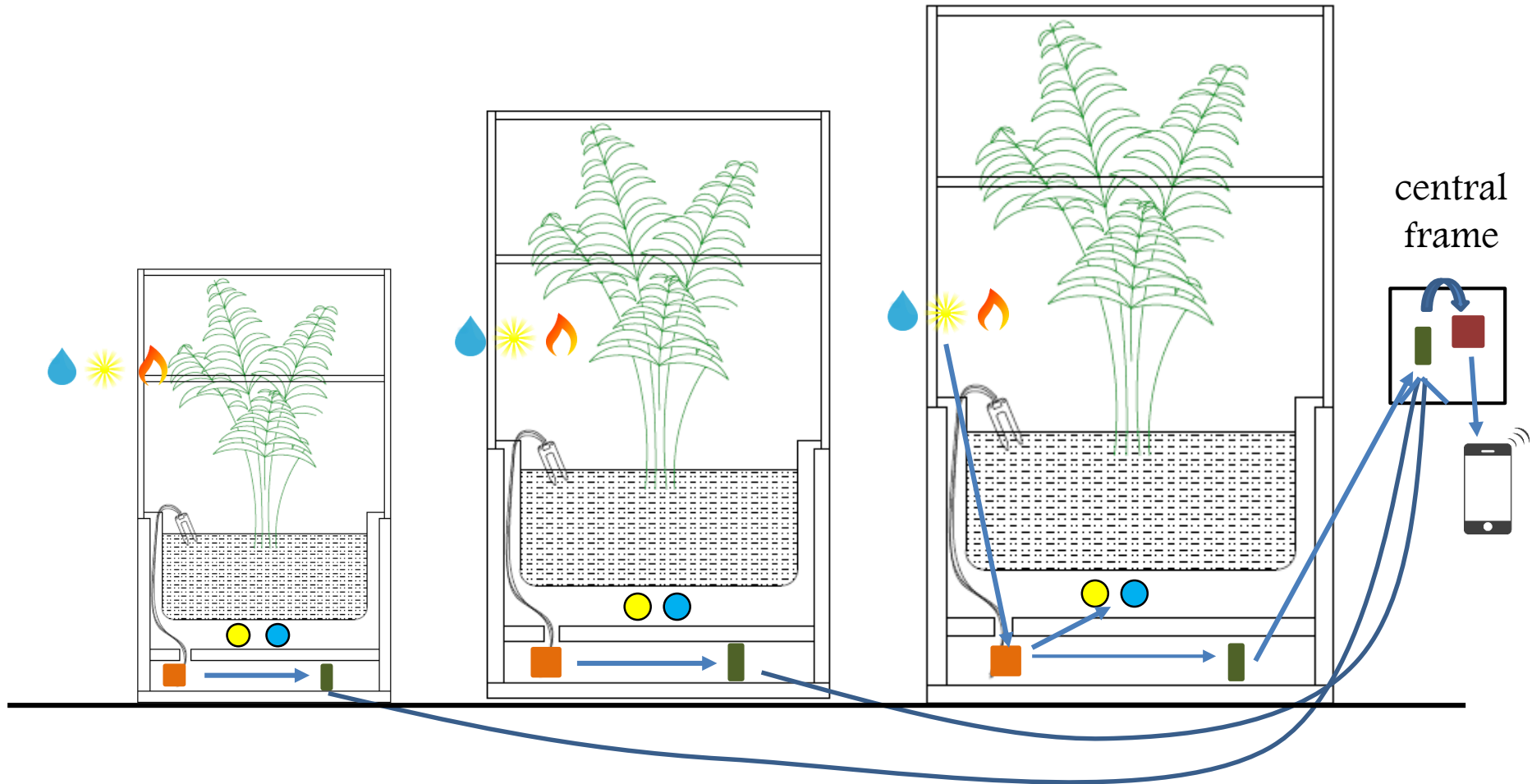


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8 Now, you are aware of your plant's requirements.

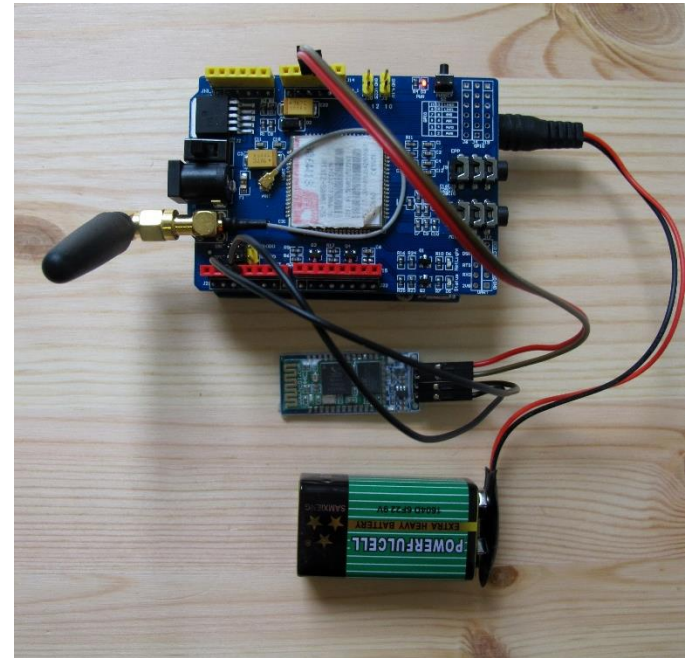
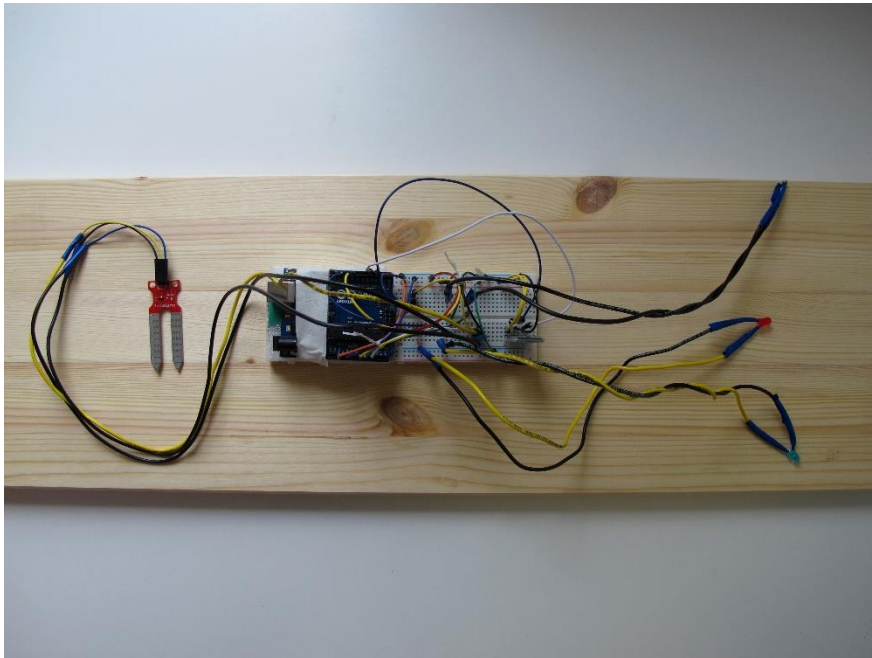


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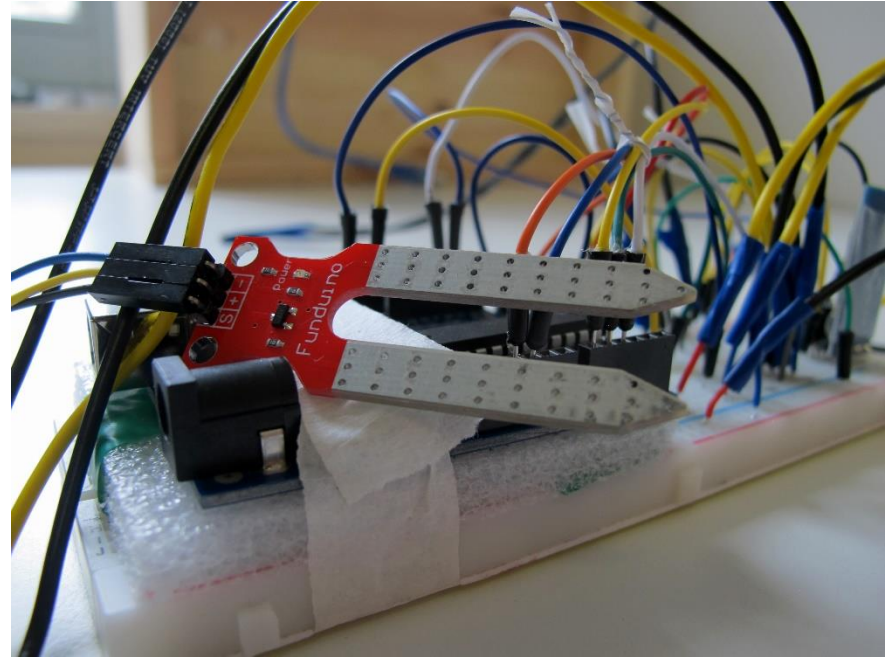
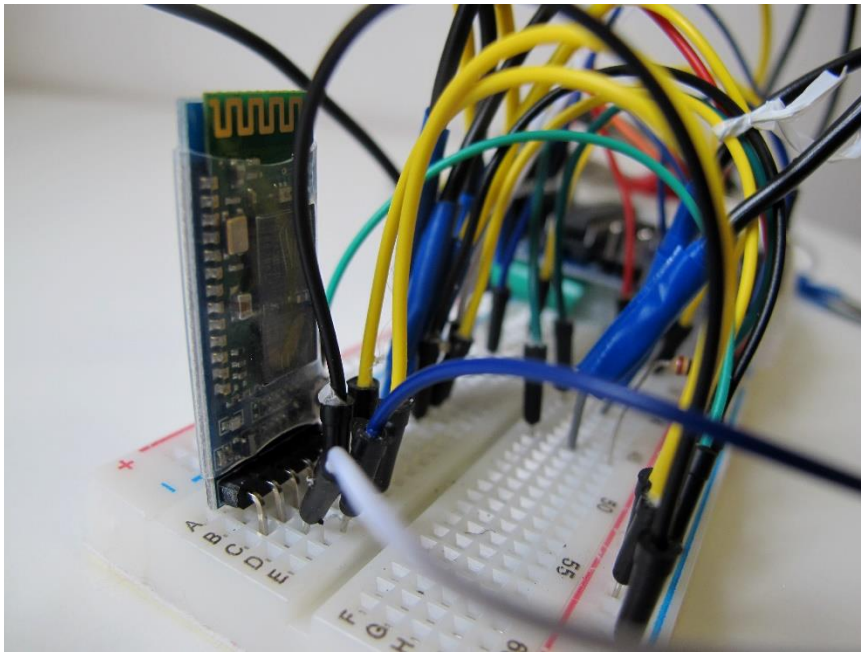
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Technology



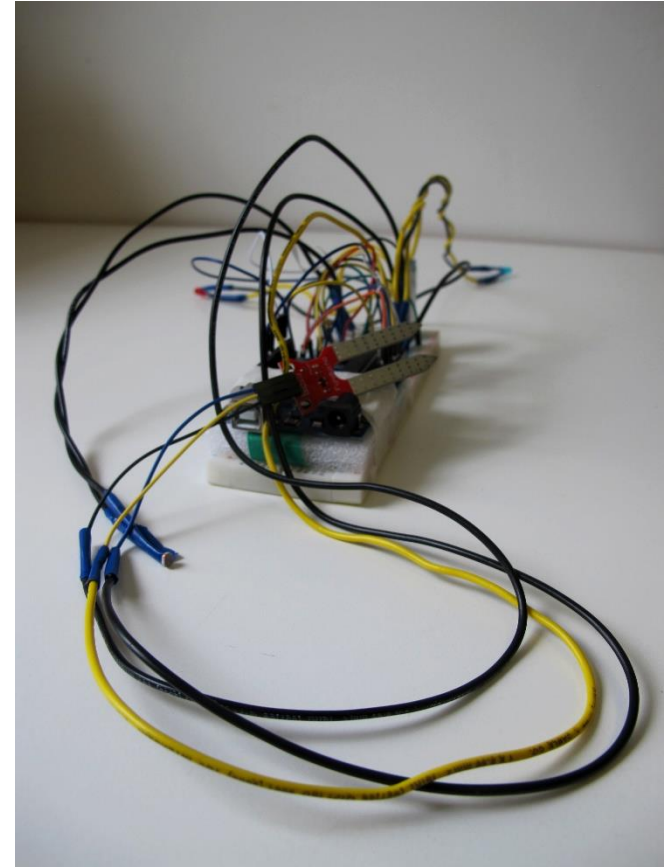
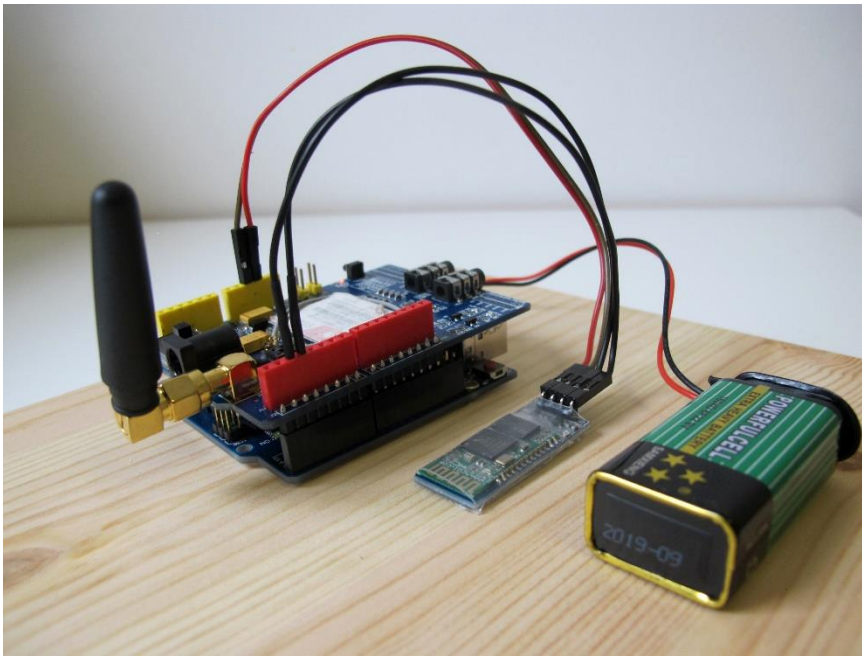
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Technology



Planted PersonaaS

Technology



Planted PersonaaS

Finally

