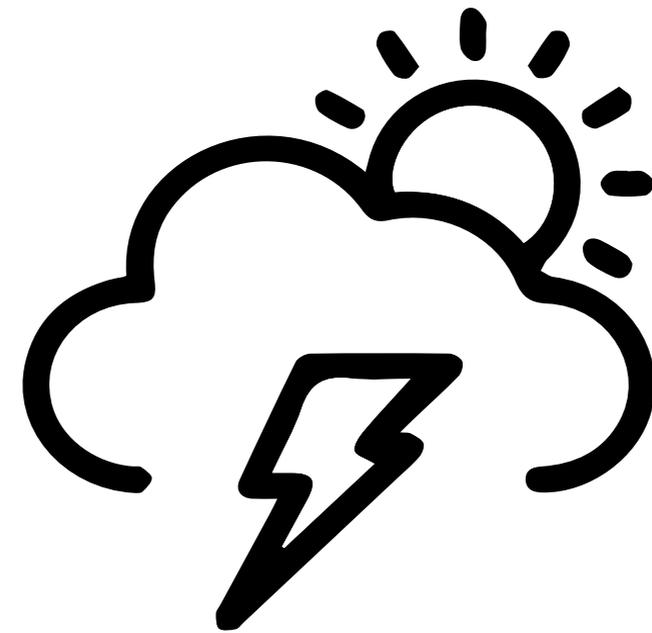
The image features a topographic map as a background, showing contour lines and a street grid. A thick, bright pink border is drawn around the map, with a jagged, irregular shape on the left side. The text "WEATHER REPORT" is written in a large, bold, black, sans-serif font, slanted upwards from left to right, and is centered within the pink-bordered area. The map's color palette includes shades of green, yellow, and orange, representing different elevations and terrain types.

WEATHER REPORT

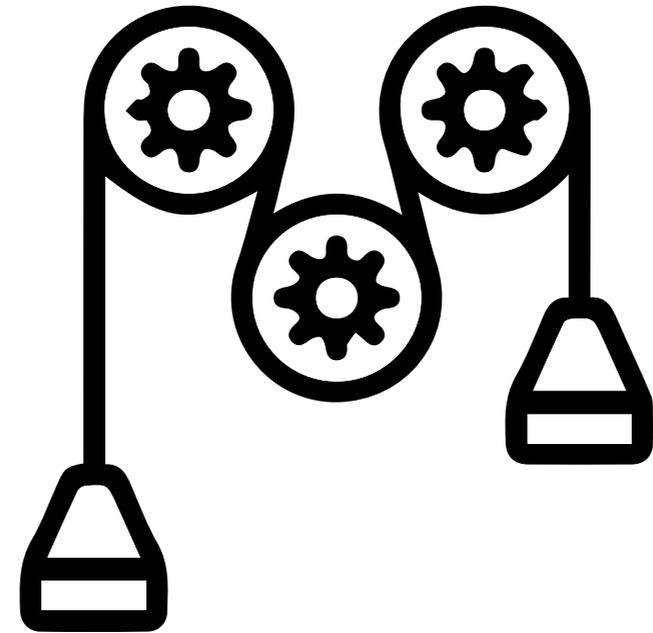
* **what will it do?**

An art installation that mimics the weather from any location you choose.



* who has done what before- hand?

The concept of imitating an outdoor weather indoors is not new by itself. Many artists have projects that explore this idea but they are mostly focused on one type of weather and not interactive.





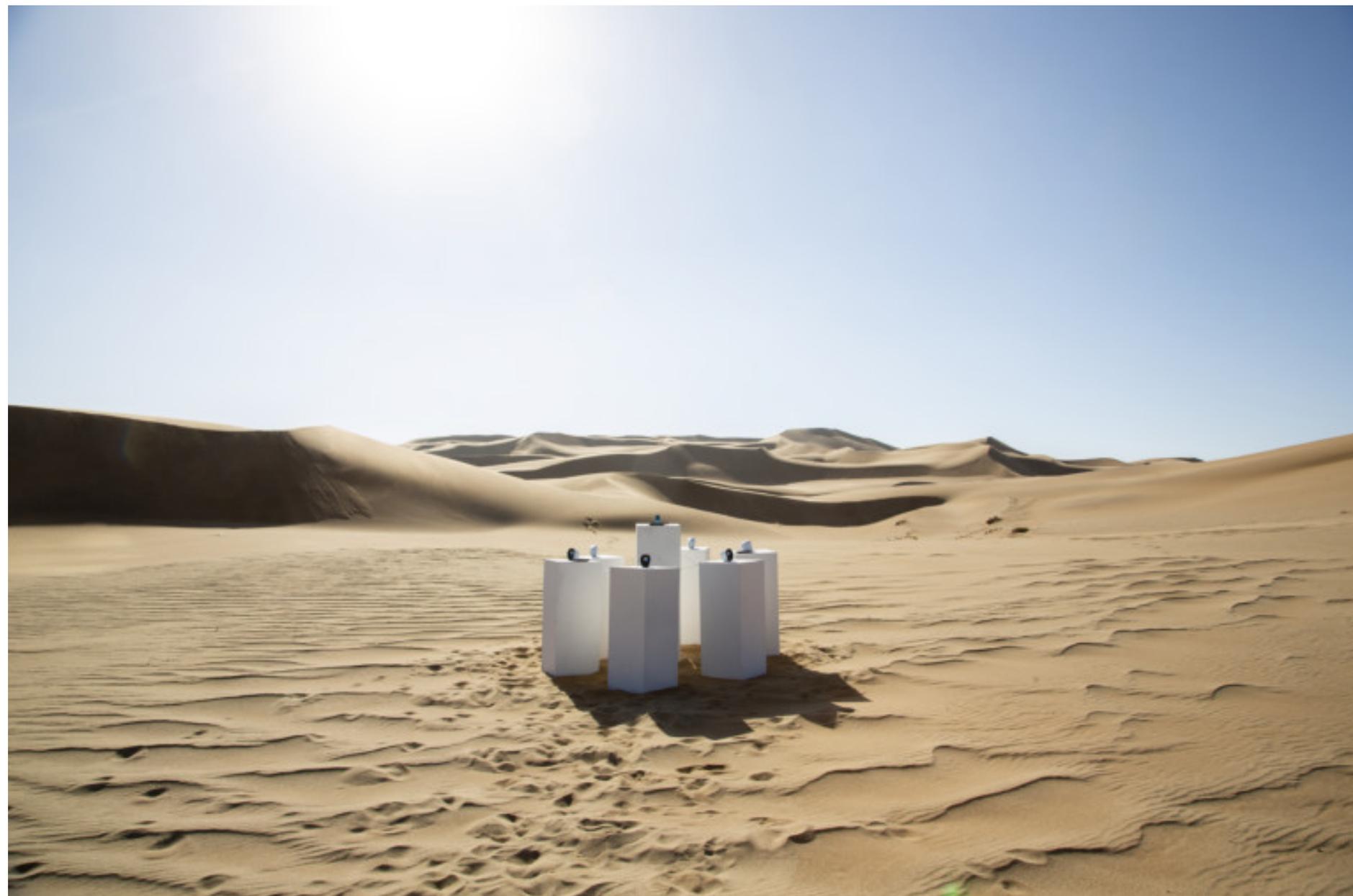
Nimbus II, Berndnaut Smilde, 2012

<https://www.youtube.com/watch?v=GRHWCCOktHI>



Rain Room, Random International, 2012

<https://www.youtube.com/watch?v=7cem71cROSo>



Toto Forever, Max Siedentopf, 2018
https://www.youtube.com/watch?v=cCuP7ABO_Go



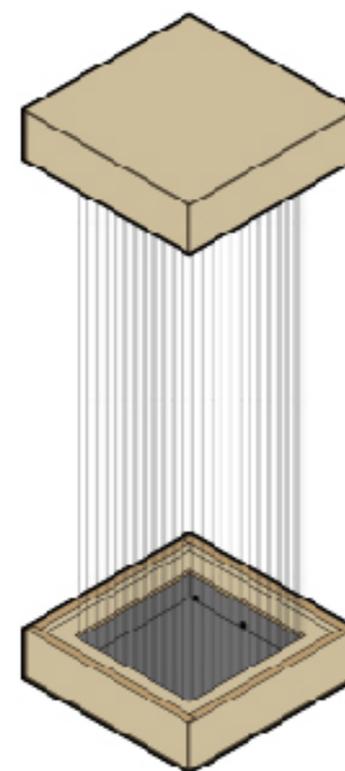
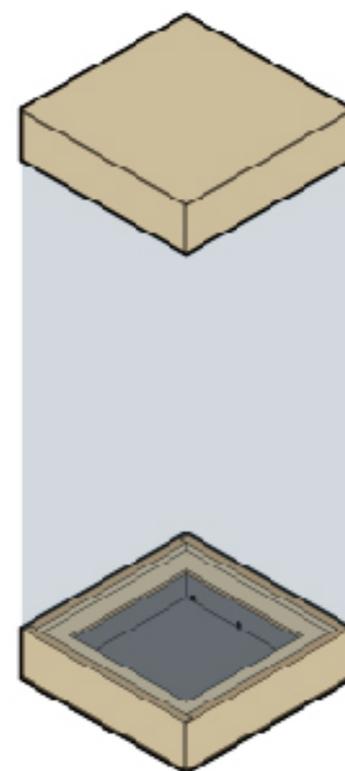
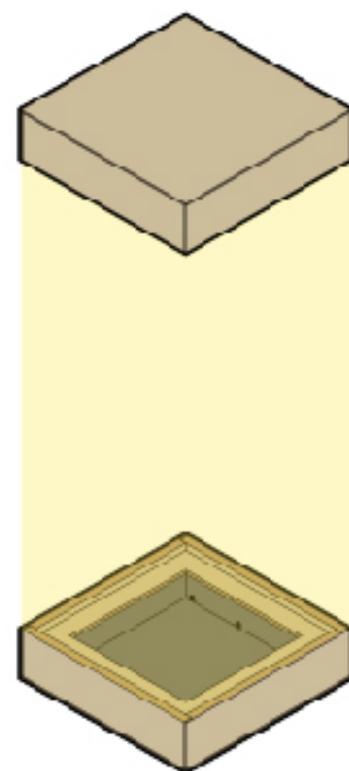
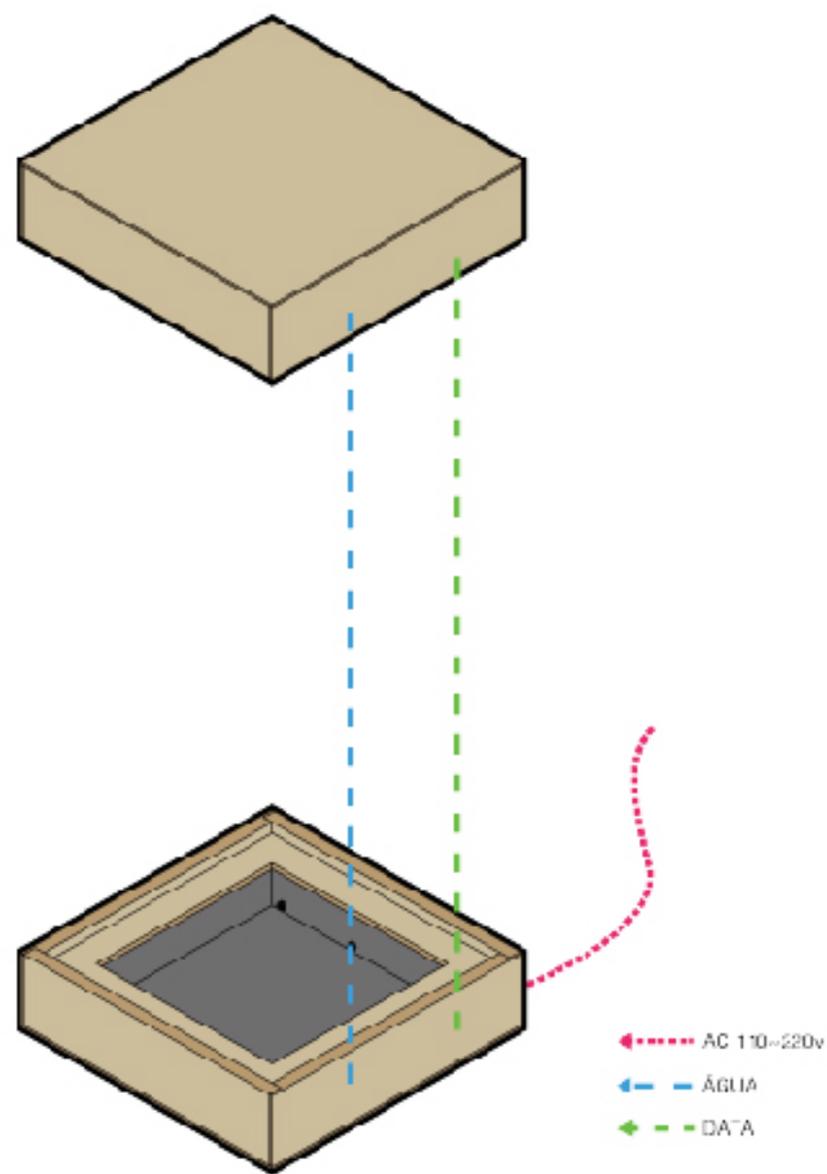
The Weather Project, Olafur Eliasson, 2003

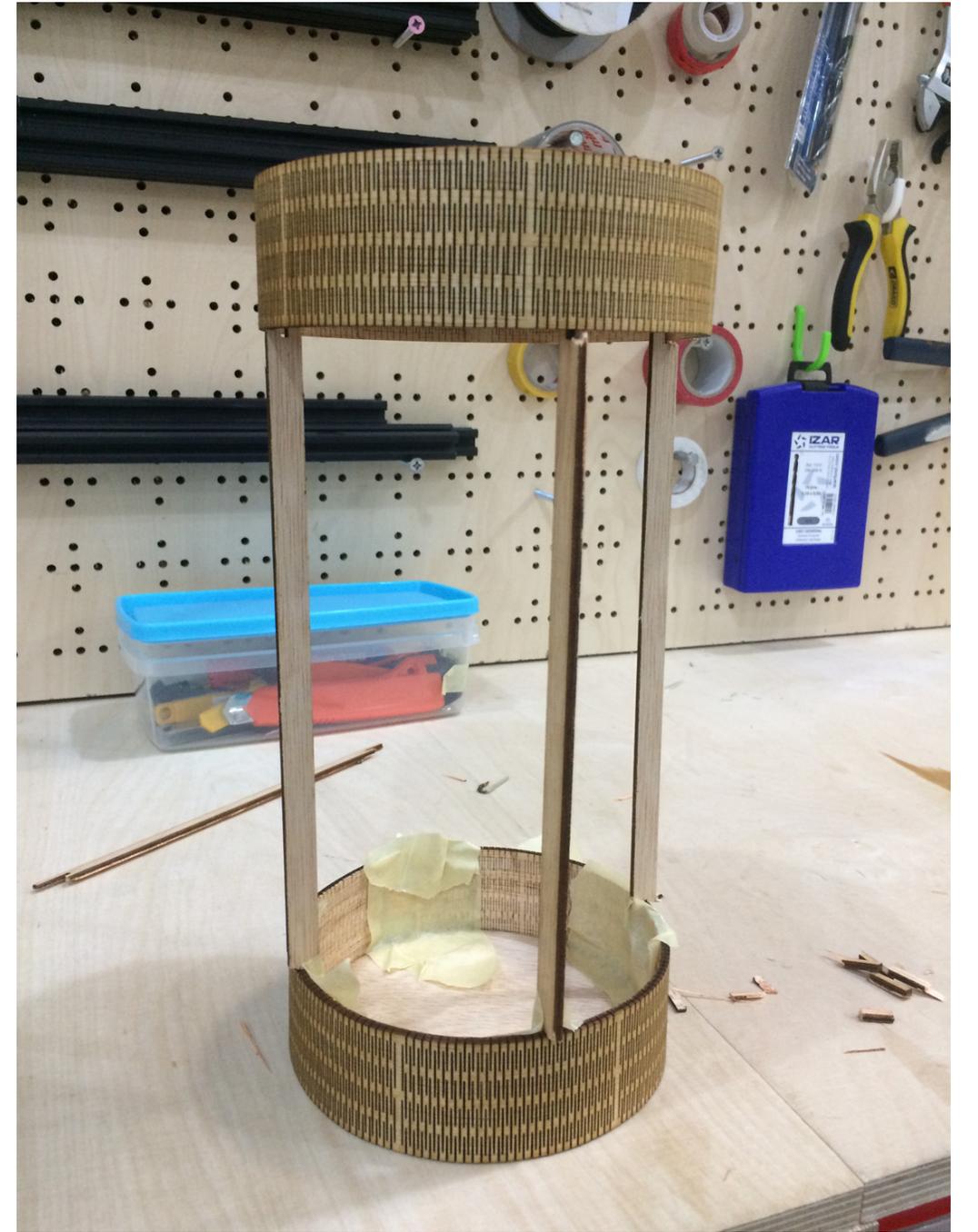
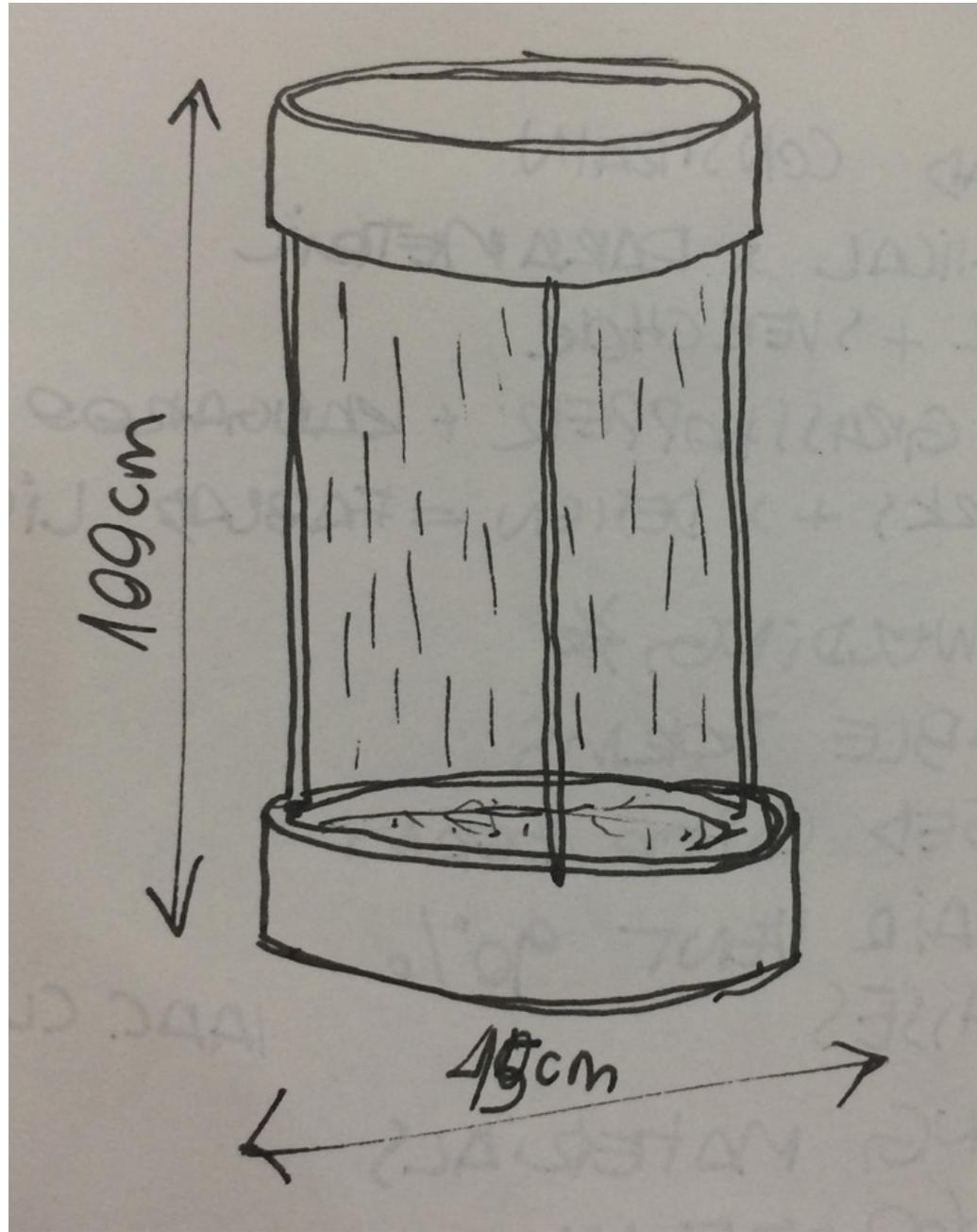
<https://www.youtube.com/watch?v=kjrKYEEYhTQ>

* what will I design?

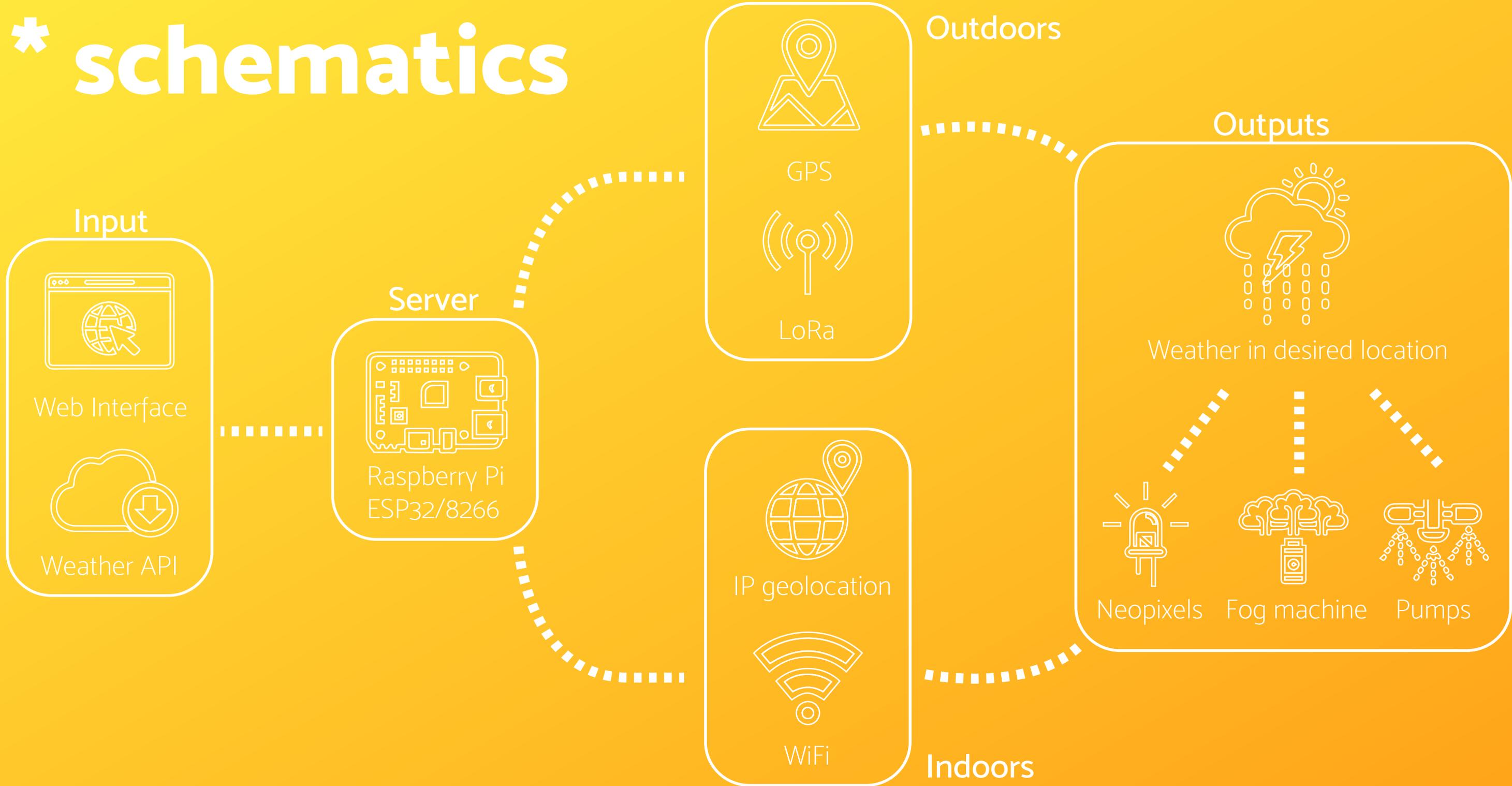
The object itself;
Inputs and outputs workflow;
Electronics;
Web interface.



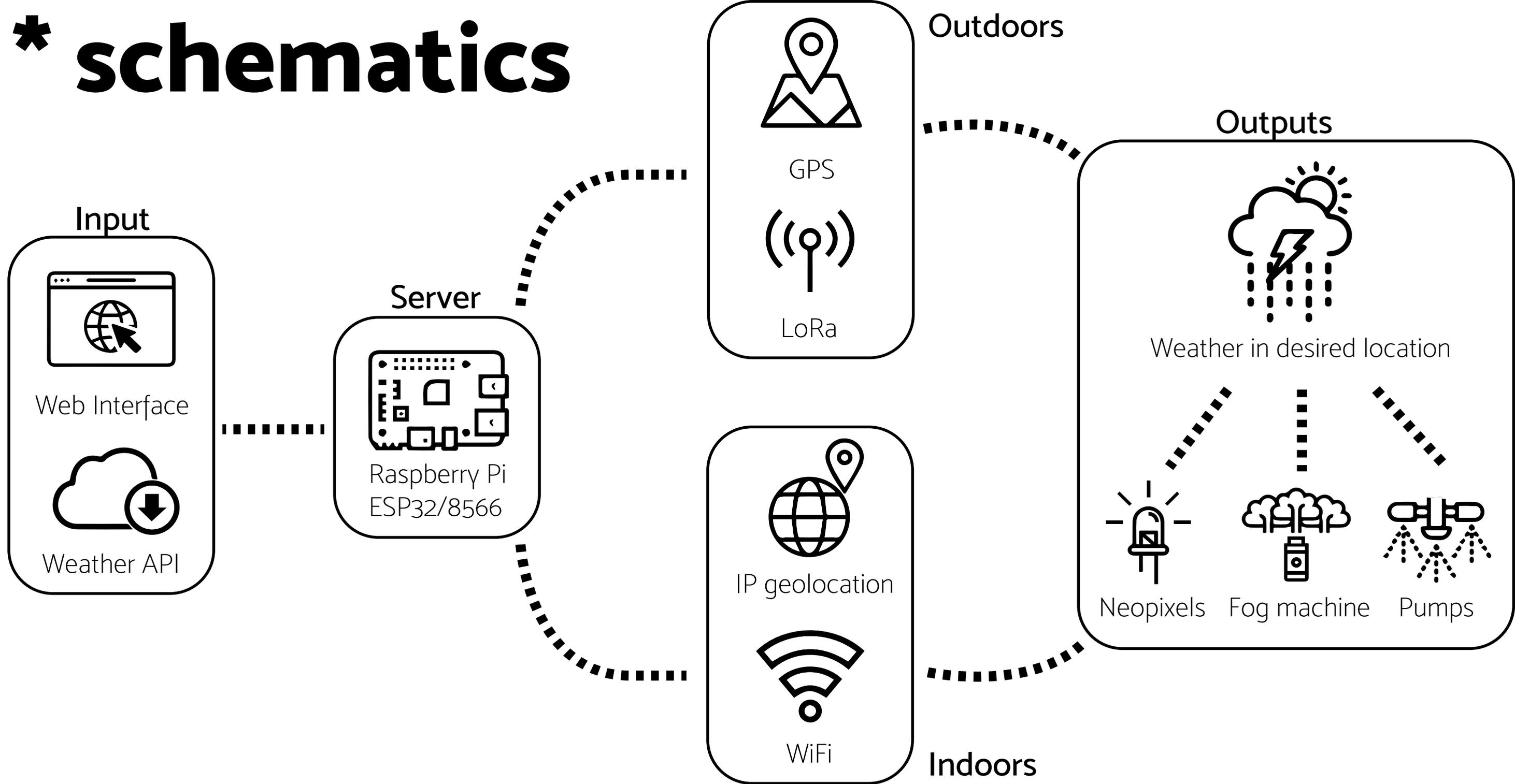




* schematics



* schematics



*** what materials
and components
will be required?**

Structure

Plywood

Pipes

Acrylic

Electronics

Raspberry Pi Zero W

LoRa WAN module

GPS module

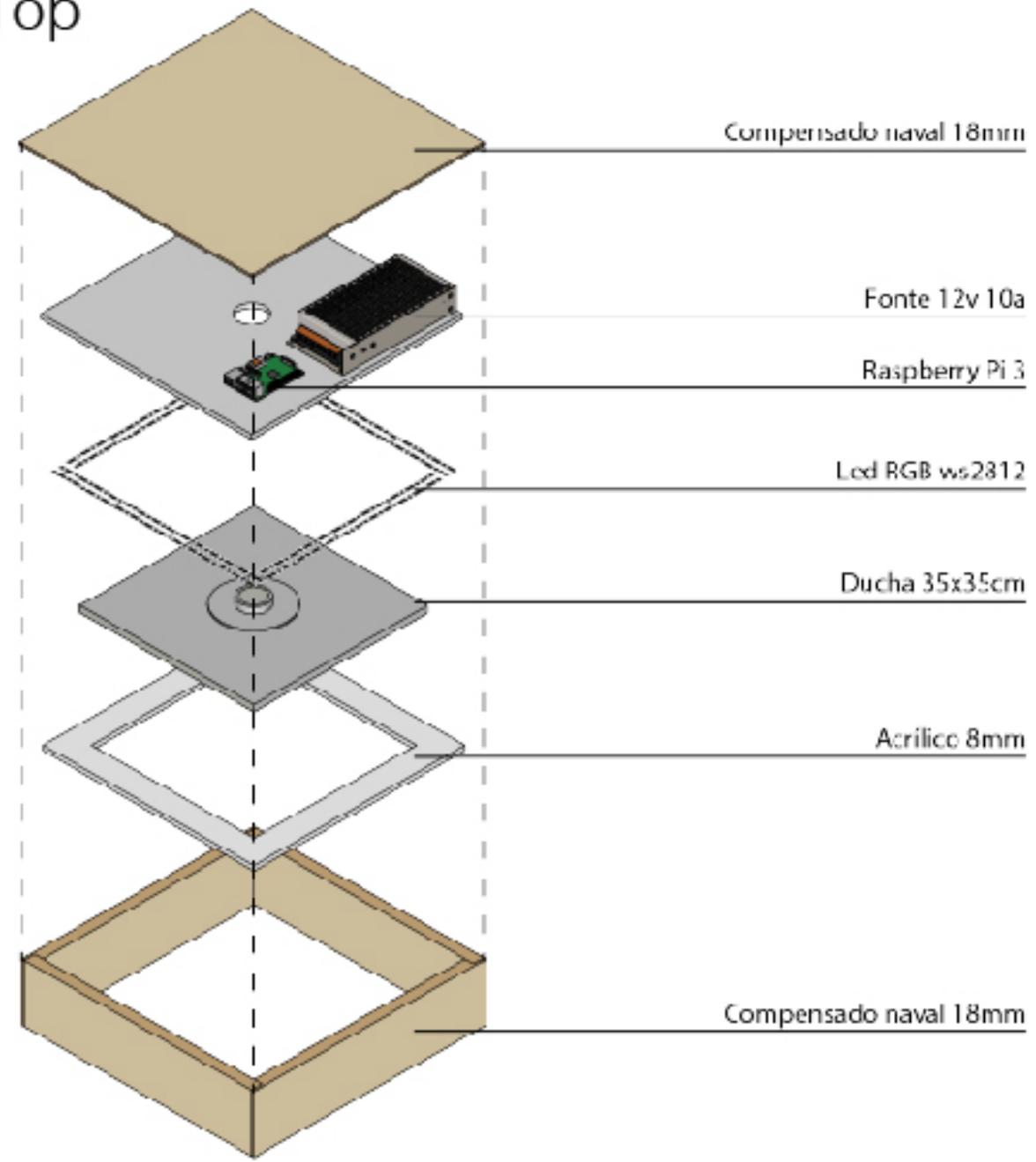
Neopixels (ws2811)

Water pump

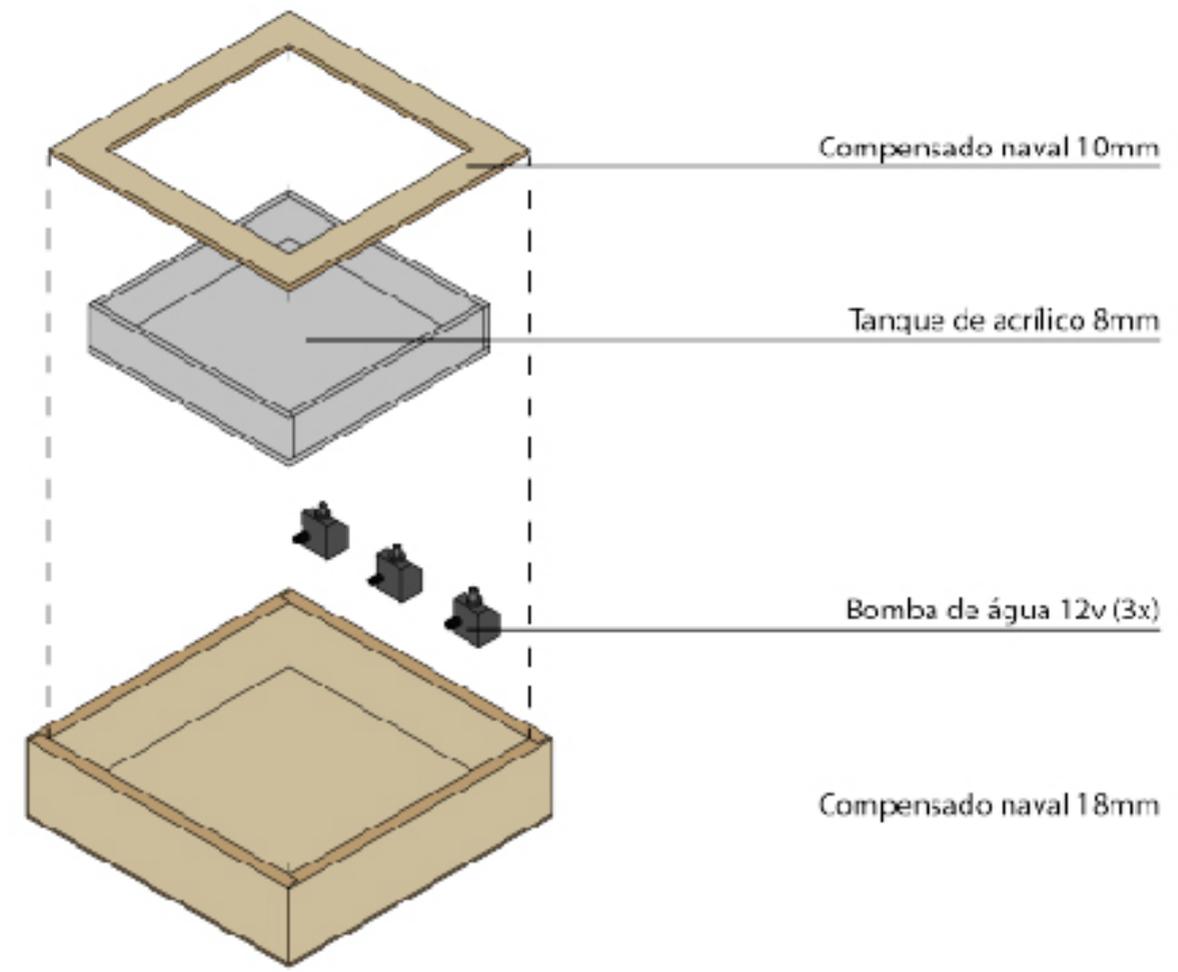
Power supply 12v5a

Fog machine

Top



Bottom

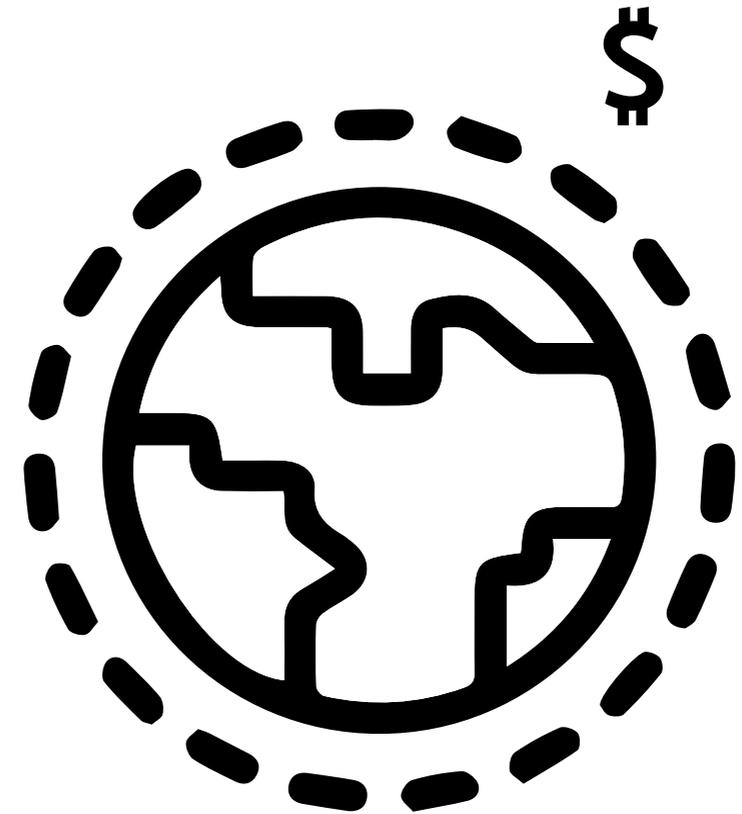


*** where will they
come from?**

*** how much will
they cost?**

Structure materials: Local warehouses
and shops;

Components: China suppliers.



*** what processes will be used?**

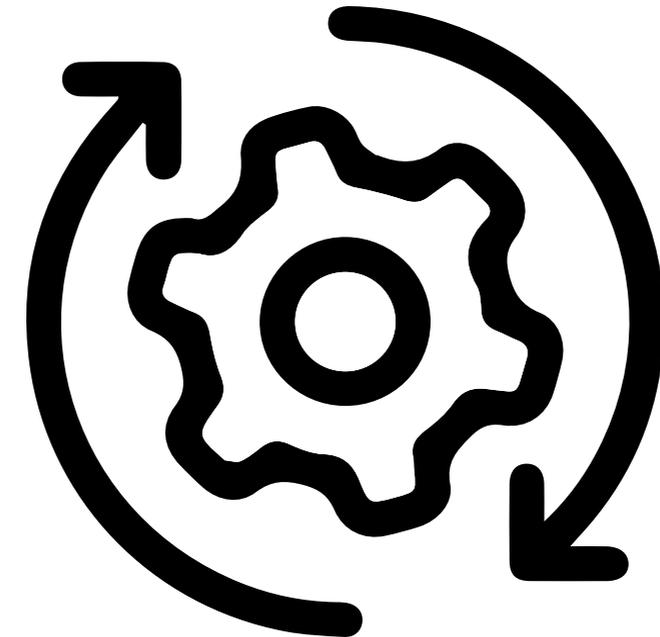
Computer controlled cutting;

Electronics design;

3D printing;

Molding and casting;

Embedded programming.



* what questions need to be answered?

Will I have time to develop everything?

Can I have both systems: outdoors and indoors?

Will the components work as I expect?

