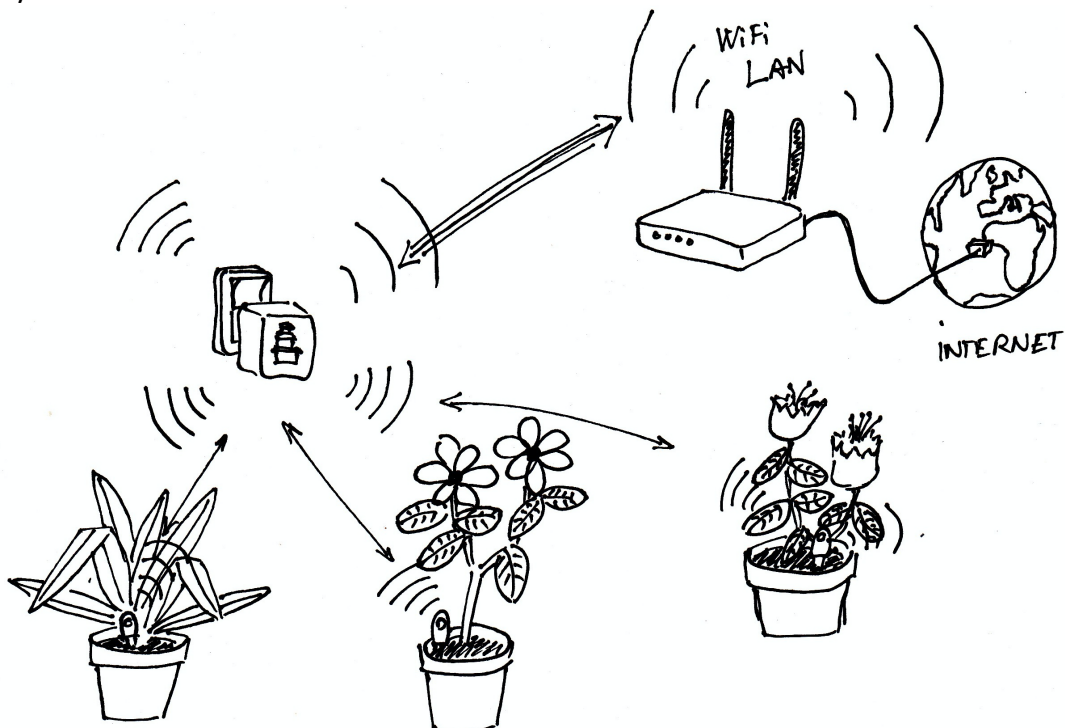# flowerpot.ninja

CONCEPT

PRODUCT OVERVIEW

&   USER JOURNEY

CONCEPT

Flowerpot.ninja is an affordable and easy solution for you, who want an effective monitoring of the potted plants and flowers in your home.

Flowerpot.ninja sets up a low frequency wireless signal with a 1000+ meters radius of reach. Within this area you can freely setup sensors that monitor your individual plants. The sensors monitor sunlight, temperature and water.
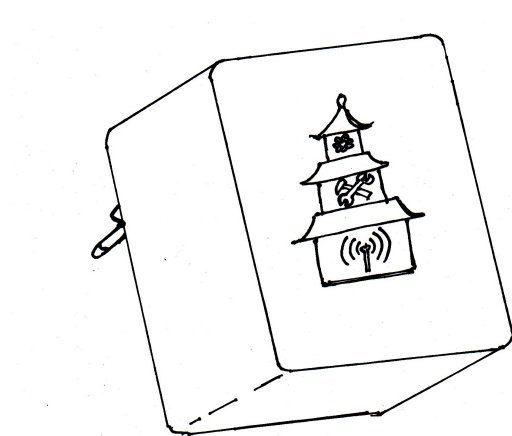
You communicate with your flowerpot.ninja over the internet via an App on your smartphone or PC. As long as your home is connected to the internet, you can access information and receive alerts on your smartphone or PC wherever you are, as long as you're online.
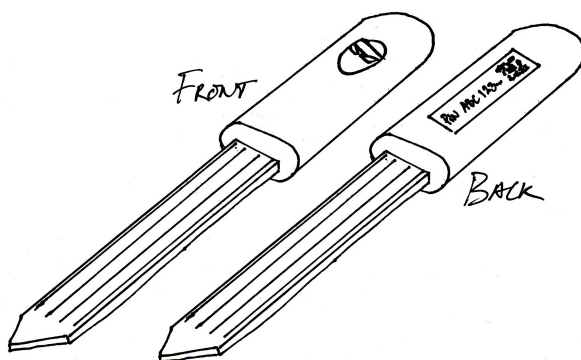
PRODUCT OVERVIEW

The flowerpot.ninja solution consists of two main components:

a central communication unit: **Pagoda**

The Pagoda connects to your local Wi-Fi network and creates a low frequency network/signal (Ninja network) for communicating with your sensors (Ninja's). The Pagoda transfers data from your Ninja's to the internet, monitors the state of your Ninja's and Ninja network –and keeps track of sofware updates. The Pagoda can keep track of up to 500??? Ninja's.

The Pagoda requires Wi-Fi Internet and must be pugged into a 110Volt/60Hz or 220Volt/50Hz socket.

sensor units for flowerpots: **Ninja**

Each Ninja needs to be connected to your Pagoda. Once connected, it will monitor the local conditions in the flowerpot, in which it has been inserted.

The Ninja communicates with your Pagoda via a low frequency signal (Ninja network). For the Ninja to work optimally, it's sensor-spit must be correctly inserted into the dirt, must be as exposed to light as possible and should be facing towards the direction of the Pagoda.
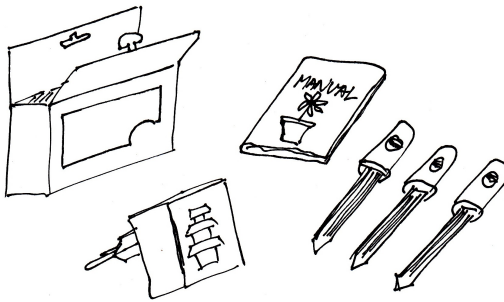
The Ninja is water resistant, but should not be immersed in water.
It has a battery life of 5-8 years depending on usage and conditions.
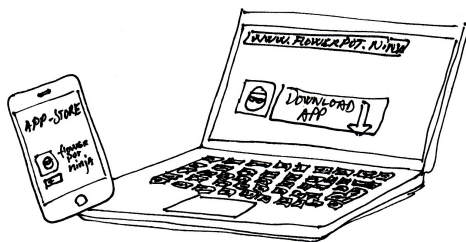
USER JOURNEY

How to get started

Buy a flowerpot.ninja starter-set at your local florist, shop or online.
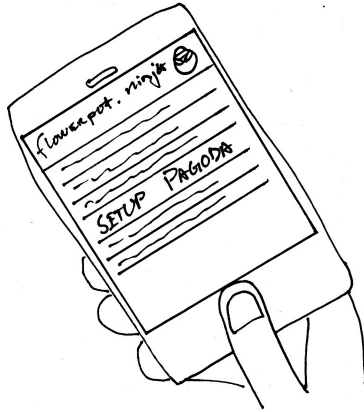The starter-set includes all you need to begin using flowerpot.ninja .

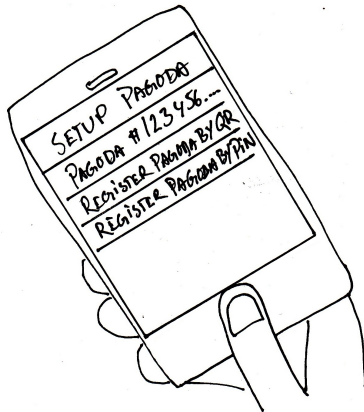Unpack your starter-set and follow the instructions.

Download the flowerpot.ninja App from the iTunes store, your Android App store or from
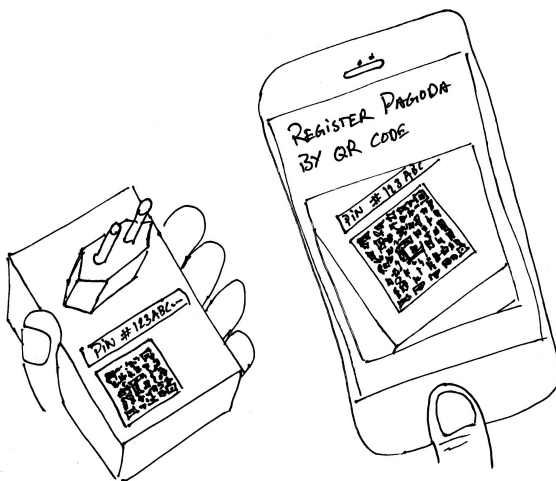www.flowerpot.ninja

How to setup the Pagoda

First you need to connect your Pagoda to the web.

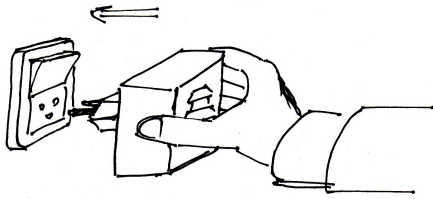Do so by opening the flowerpot.ninja App and choose the "setup Pagoda" function.

Then choose one of the "register Pagoda" options.
You can register the Pagoda, either by scanning the QR code or by inputting the PIN-code manually.
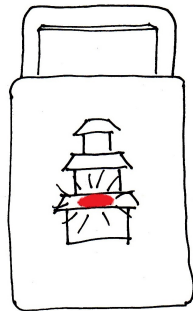
You find the QR code and the PIN-code on the backside of your Pagoda.
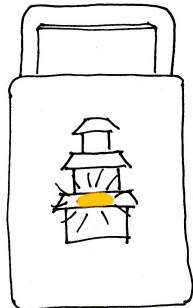
Once you have registered your new Pagoda, plug the Pagoda into a wall-socket to power it up.
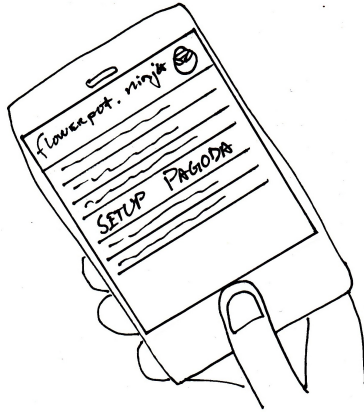!! Make sure the Pagoda is within reach of your Wi-Fi network !!

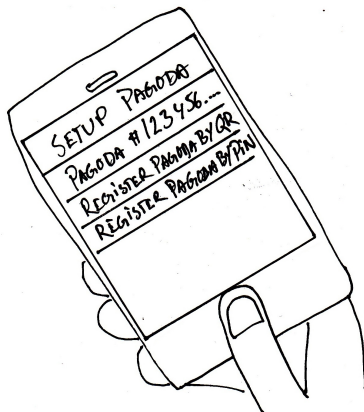Once your Pagoda is powered up, it will begin to flash/glow red on the network floor.

After a few seconds the flashing color should change from red to yellow on the network floor.
This means that your Pagoda has made a Wi-Fi network and is ready for the next step in the setup process.
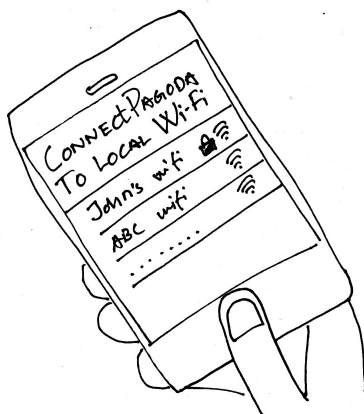
Go to the Wi-Fi settings on your smartphone and connect to the Wi-Fi network of your Pagoda.
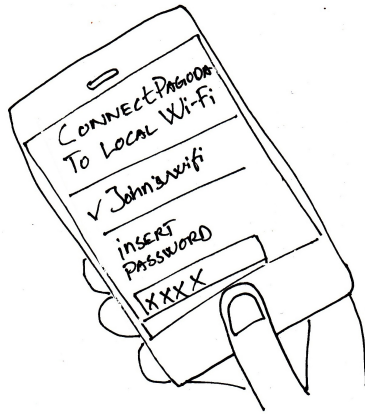
Once you've connected your device to the Pagoda by Wi-Fi, go back to the flowerpot.ninja App and choose "setup Pagoda" again.
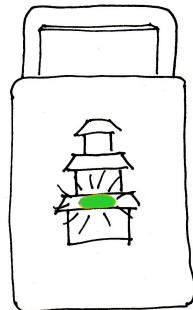
In the "setup Pagoda" menu your Pagoda should now be visible. Choose your Pagoda to finish paring it to your home Wi-Fi network.
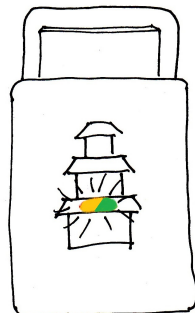
Now you will see the Wi-Fi networks which are within reach of your Pagoda. Choose your home Wi-Fi network to connect your Pagoda with it.

If your home Wi-Fi network is password protected, you will now be asked to insert the password. Please note that it may take a few seconds before the Pagoda has connected to your home Wi-Fi network.
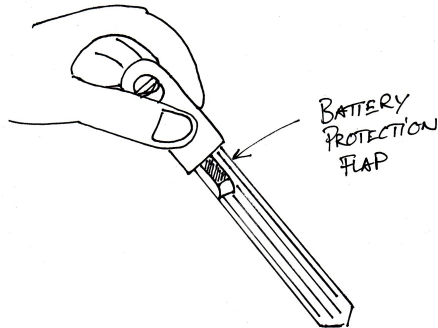

Once your Pagoda is properly connected to your home Wi-Fi network and has established an internet connection, the network floor will light up green.
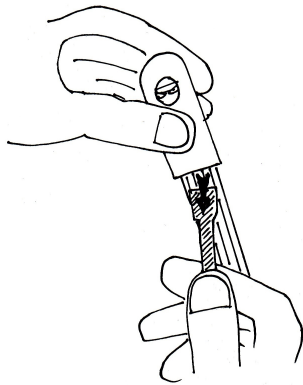

!! Please note. If your Pagoda flashes yellow and green on the network floor, it is connected to your home Wi-Fi network, but cannot establish an internet connection !!
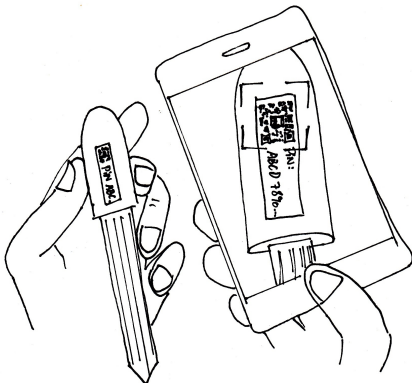
How to setup a Ninja

before you can setup your ninjas you need to identify the battery protection flap. The flap makes sure that the battery stays fresh until you start using your ninjas.

Pull out the battery protection flap to turn on/activate your ninja.

Her vil jeg gerne have input på hvad en Ninja gør. Jeg antager at en LED blinker indtil Ninja'en er blevet helt/delvist registreret.

Der mangler en række steps med App'n, hvor man guides gennem registreringen af en Ninja.
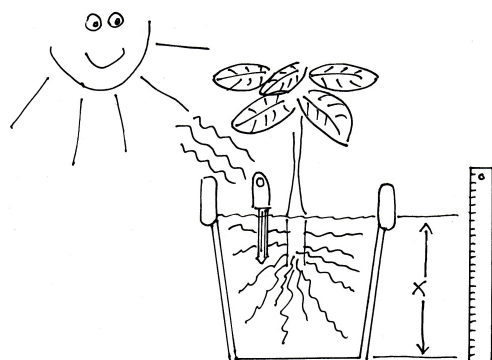
When you choose Register Ninja by QR code:

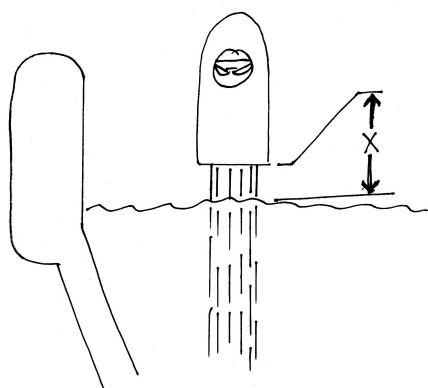You find the QR code and the PIN-code on the backside of each of your Ninja's.

Note: each Ninja is unique and so is it's QR code and PIN-code. Remember that each Ninja must be setup separately.

Der mangler en række steps med App'n, hvor man guides igennem registreringen af plante type (fugt) og andre faktorer.

The last step before you can place your Ninja, is to measure the soil depth of the flowerpot you want to monitor. After inputting the soil depth in the App, you have finished the setup of your Ninja. You may now stick the Ninja in the flowerpot. Note that you need to place the Ninja in such a way, that the light sensor is not and will not be in the shade.

The correct placement of a flowerpot Ninja: The Ninja must sit vertically into the dirt, in a place where the dirt is flat. There should be X cm between the top dirt and the head of the Ninja.