INTERNATIONAL SPACE APPS CHALLENGE

Soil Testing Kit

GEO-Wiki

The Pineapple Project

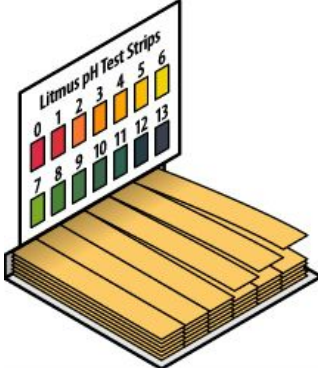
Growers' Nation

The Challenge

Soil type, texture, pH, moisture, temperature…

? ? ?

1. Design / research - develop an easy to use, digital illustrated soil testing guide

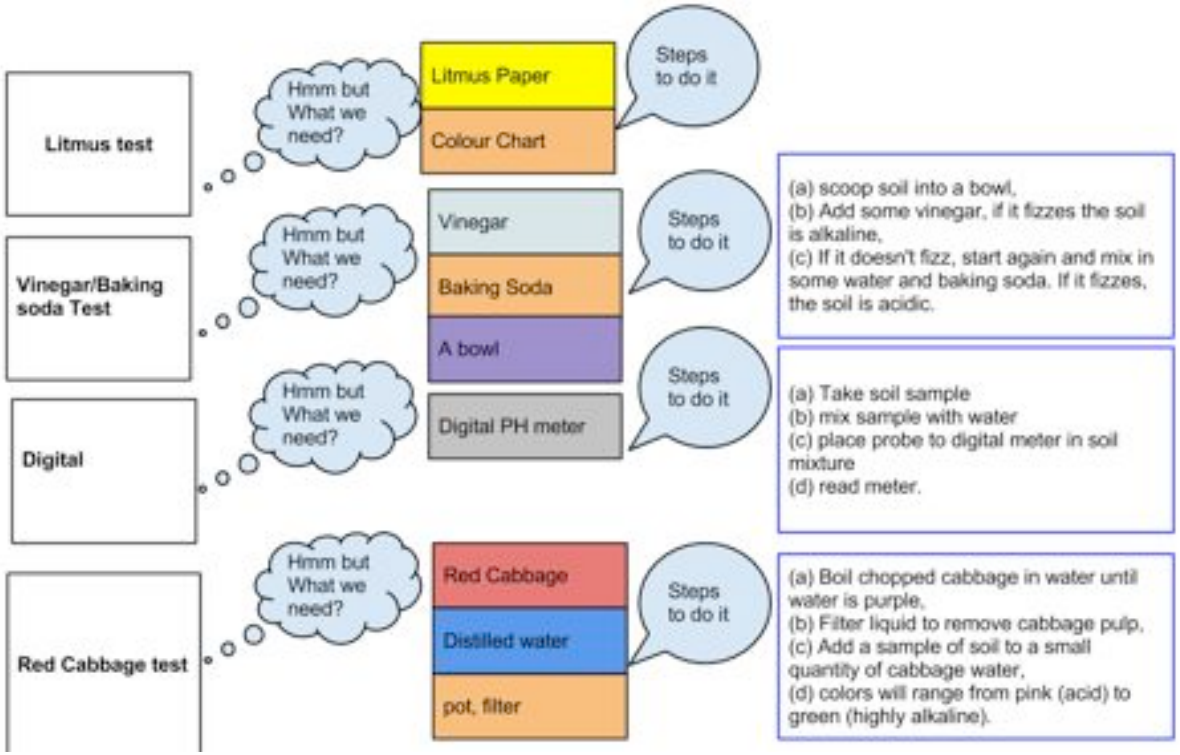


Source: google.com

2. Hardware development - affordable sensor development

3. App / software development – interface to input and feedback user's soil measurements to the database

Soil Test Encyclopedia



New ideas have come from the development that has happened over the hack weekend.

The Team

Improving crop yields no matter where the field

Why?

Aids Research

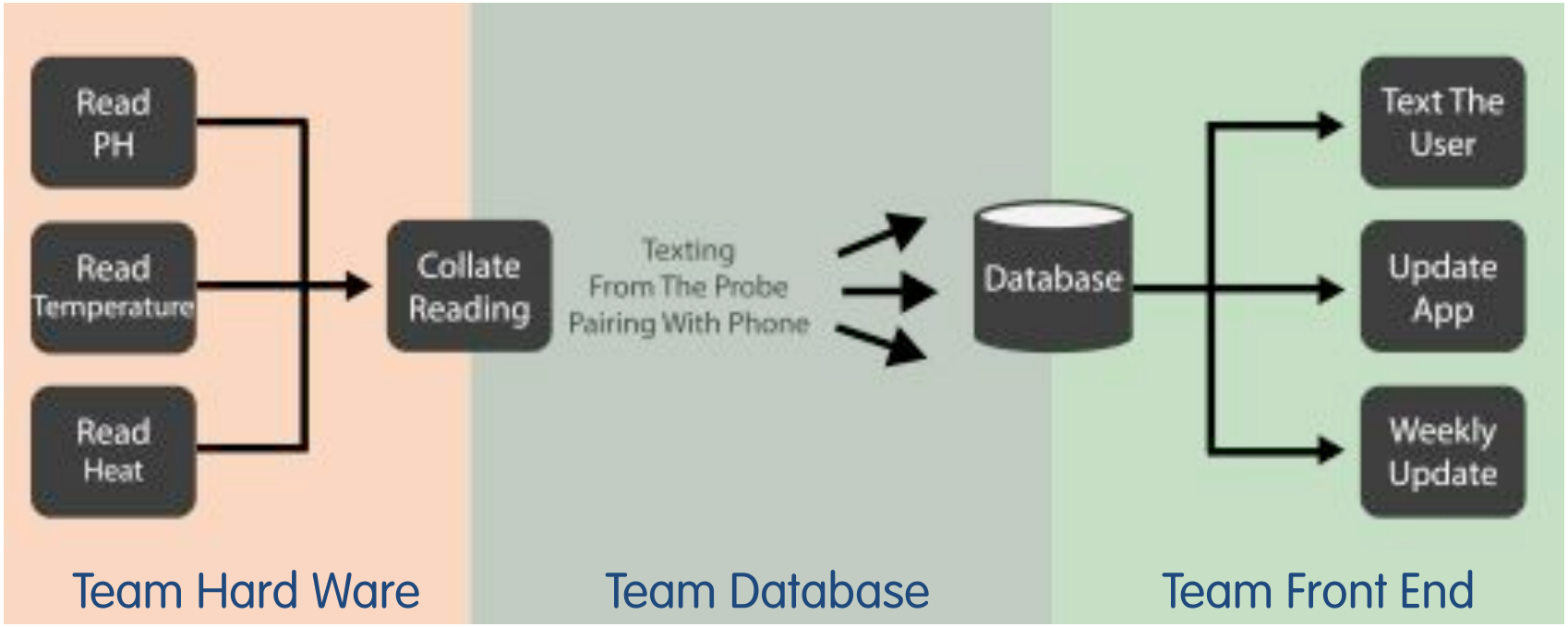
Utilize Potential Unused Land

Gets People In-touch With Landscapes

How?

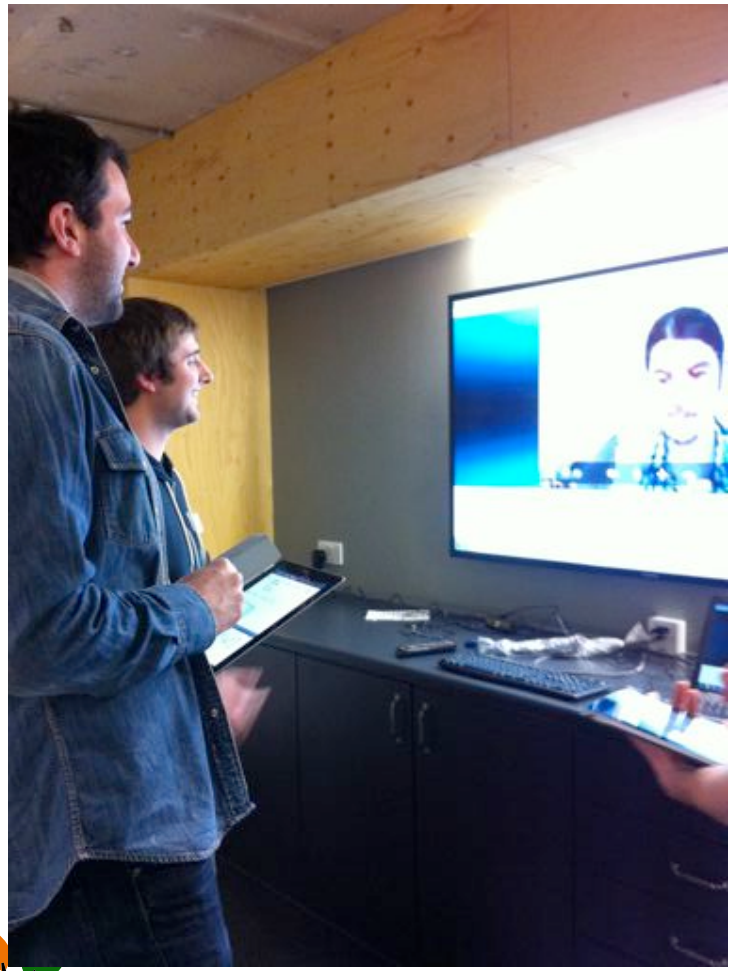
"People of the Soil"
Have developed an easy to use, digital soil testing kit to collect data, store it in a database and disseminate information via SMS or a web app.

How it works, how the team worked



People OF The Soil

Collaboration

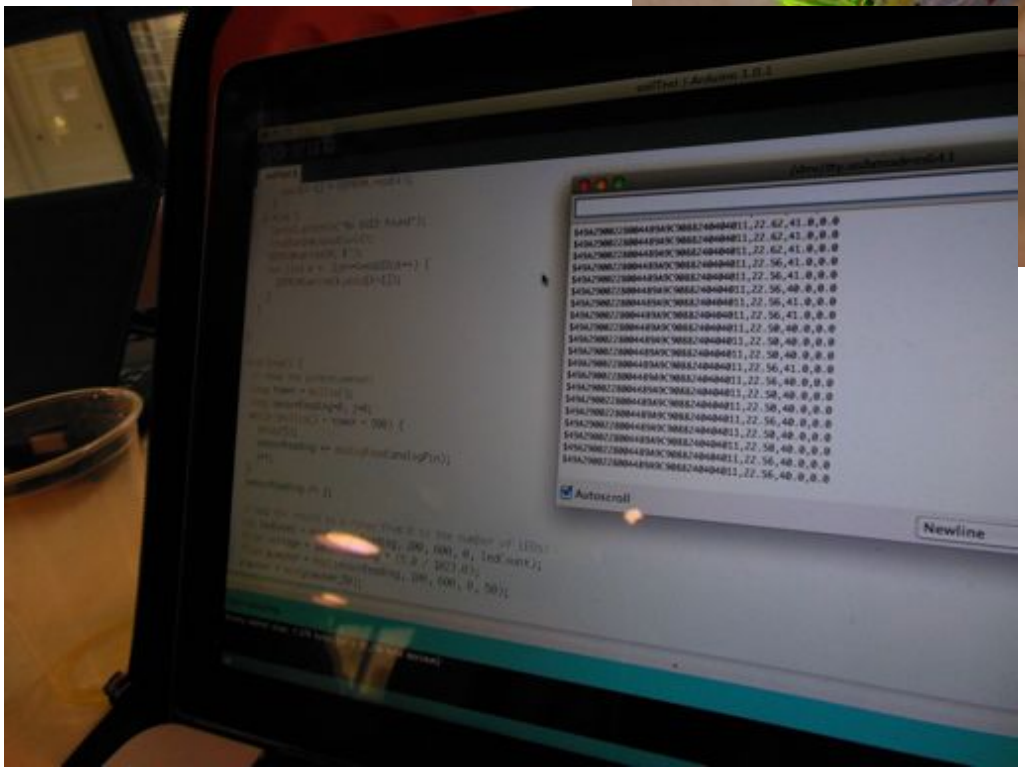


User Journey

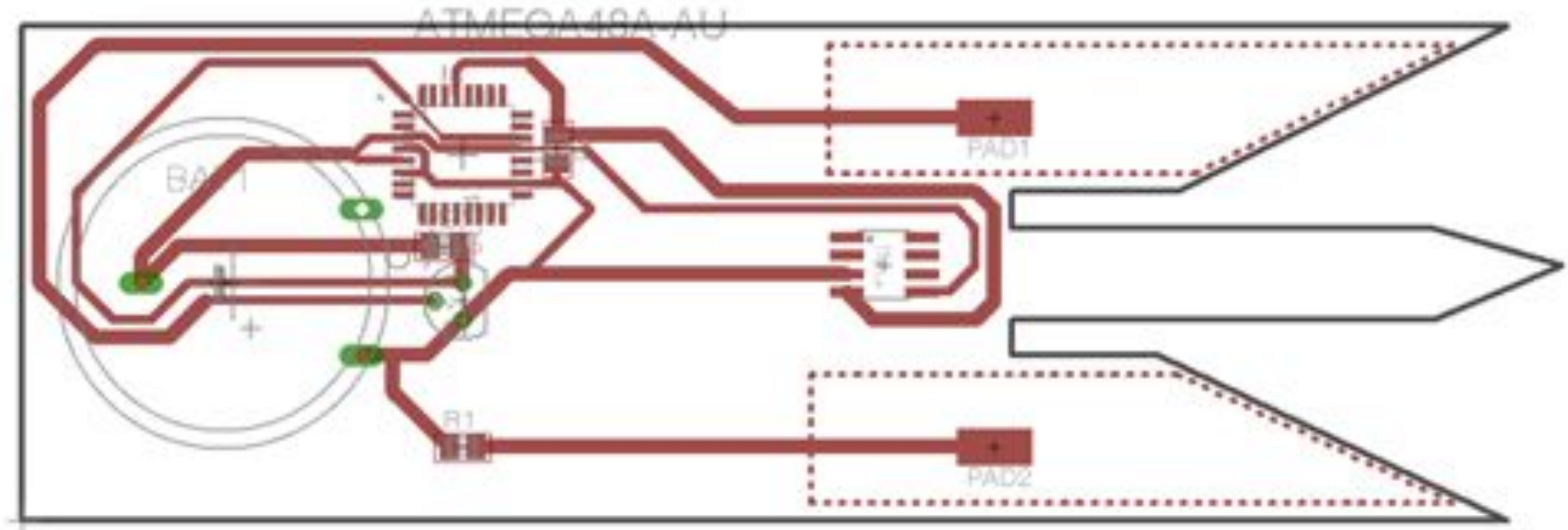
The Probe

The Probe

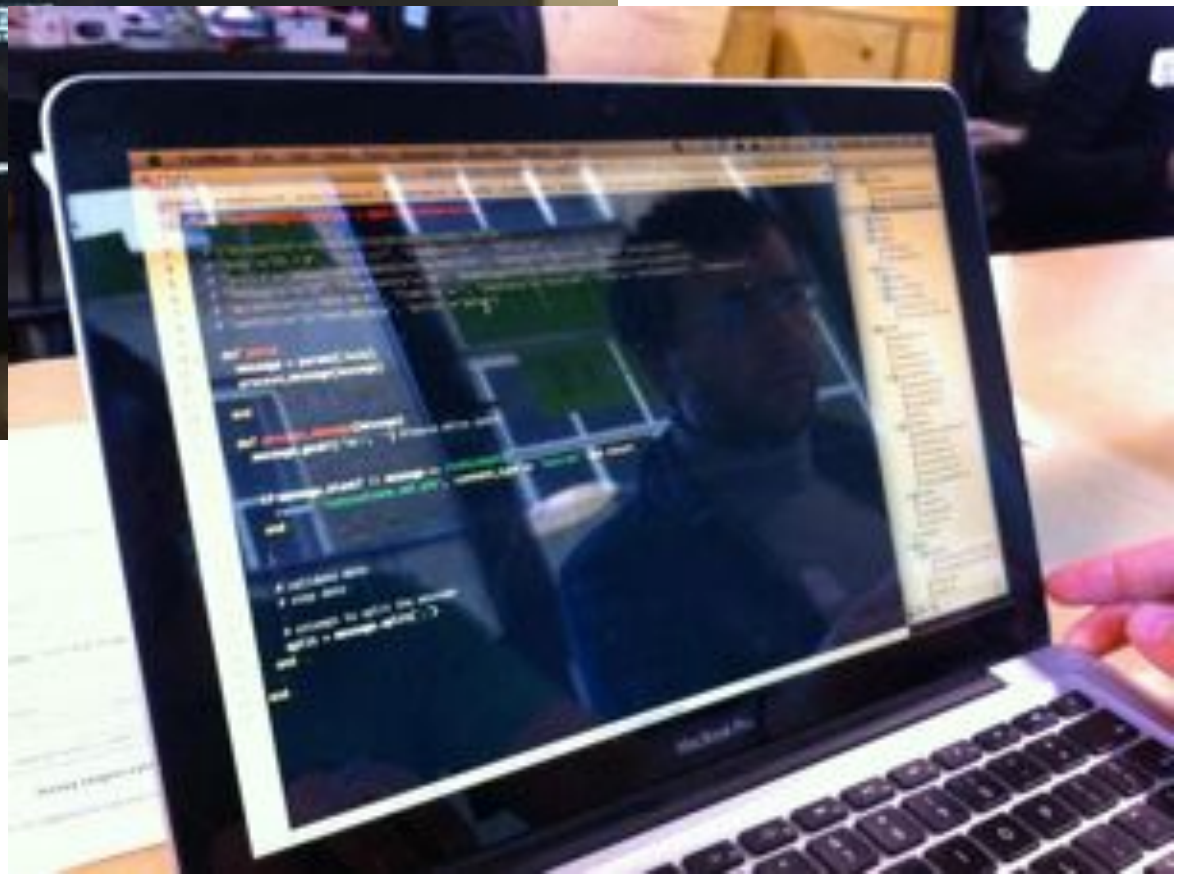
The Probe



The Future Probe



The Data Base



The Data Base

The Txt on the phone

v1

v2

Growers' Nation

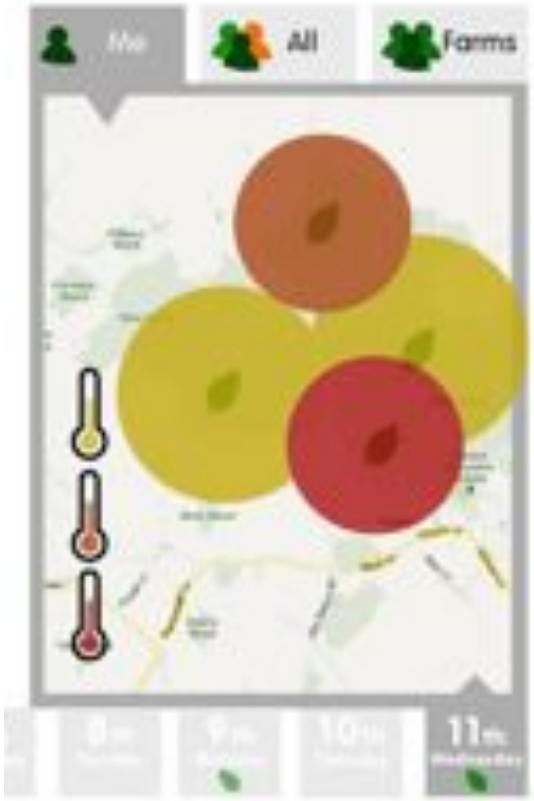
The Web App

Menu
soil
Welcome Chloe!
Me
All
Farms

Reading One - Probe ID LW1001
Moisture 30%
Temperature 6°C

NOKIA
Reading One - Probe ID LW1001
Moisture 30%
Temperature 6°C
pH Level 5.5
Add Notes...

The Web App Future



salsola