

Mash-up+ Feedback Loop

Tian Xie
Week # 6

Mash-up #1 USB Plants

- Name: i Plant
- Concept: Mash-up with Hardware and Software
- Software icon:
Four Leaved Clover



- Structure:

Hardware:

#1 USB Driver (Base)

#2 LED Light (Construction inside)

#3 Clapboard (Construction inside)

#4 Bibulous Sponge (Construction inside)

#5 Alveolate Holder (Construction inside)

#6 Construction model (Construction shape)

#7 Plants Seeds/ Plants

Software:

#1 Temperature/Date System (A note board)

#2 Plants Diary (An album)

#3 i Plant Website (A communication platform)

- Size and Shape of Hardware:
It all depends on the construction's size and shape; can not be too big, as the USB driver is not big with the normal size.

Material and Character of Hardware

- #1 USB Driver (Base) ---- the normal size/ just a normal one
- #2 LED Light (Construction inside) ---- small/ luminescence
- #3 Clapboard (Construction inside) ---- water proof
- #4 Bibulous Sponge (Construction inside) ---- absorb water
- #5 Alveolate Holder (Construction inside) ---- good for rootkey
- #6 Construction model (Construction shape) ---- can be any construction/ resin
- #7 Plants Seeds/ Plants ---- well fed/ small

Hardware:

- USB Drive (Base)
- LED light (Lamp-house)
- Construction (Flowerpot)
- Plants

Software:

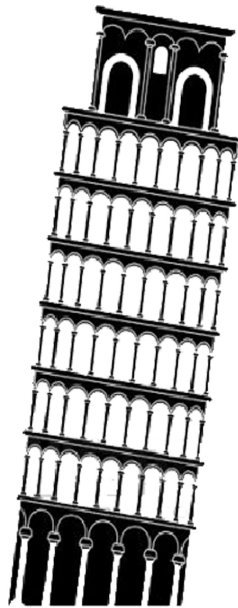
- Temperature/Date System
- Plants Diary
- i Plant Website

Construction:

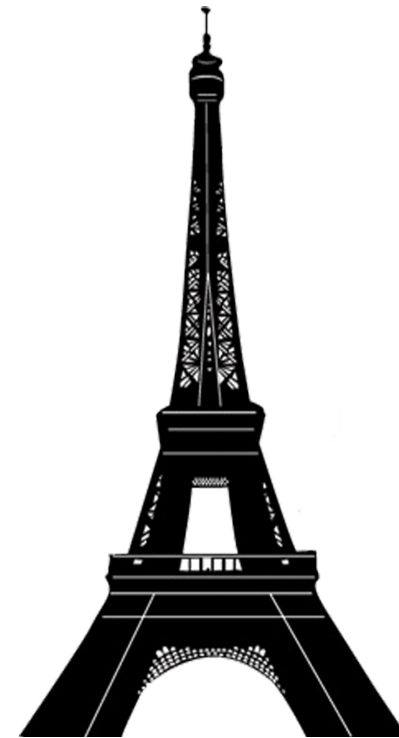
Big Ben



**the Leaning
Tower of Pisa**



the Eiffel Tower



Plants:

Cactus



Lucky clover



Daisy

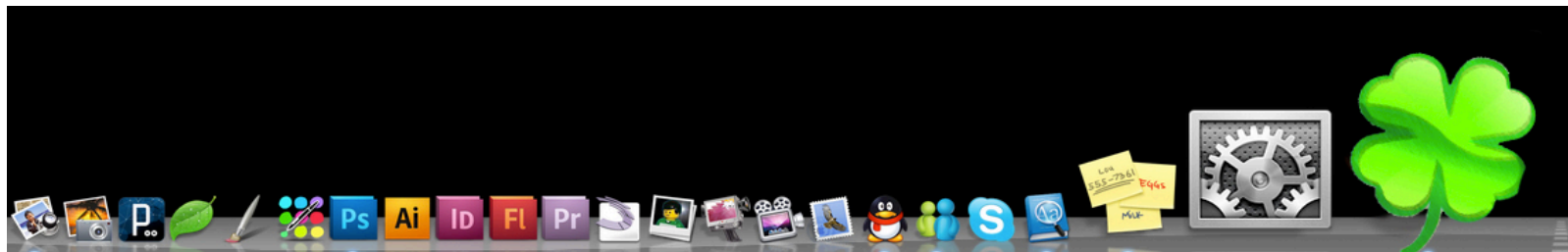


i Plant interface

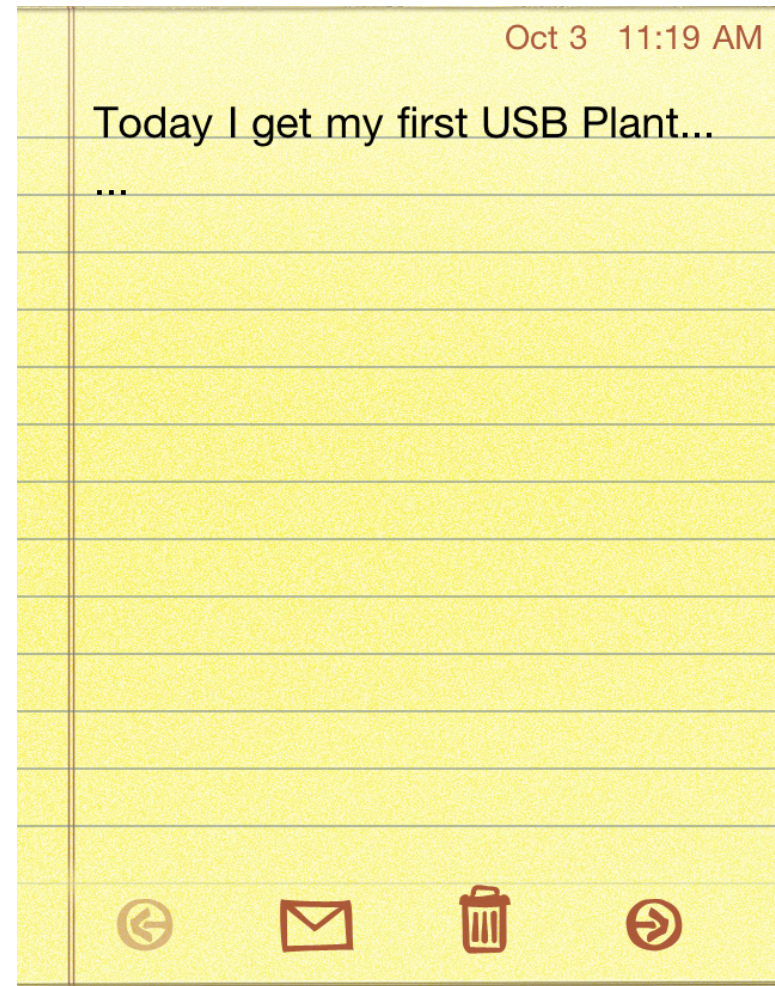
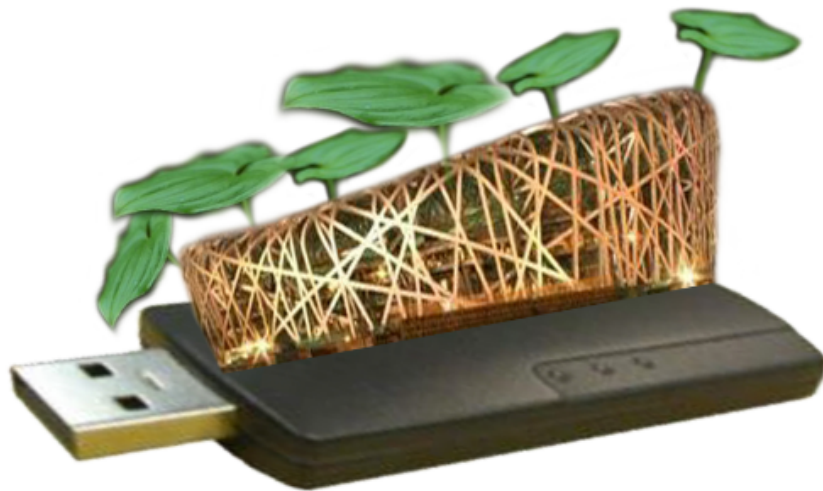
- Temperature/ Date System:



- Plant Diary



Example:



i Plant Website



Scientists working to solve, not just study environmental problems

Integration & Application Network



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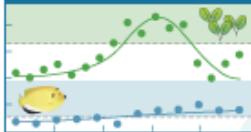
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June 22, 2011

Marine Botany lives on

The vibrant Marine Botany group was part of the Botany Department while I was at the [University of Queensland](#), but went into the Centre for Marine Studies after I left. The Botany Department has disappeared and the [Centre for Marine Studies](#) has morphed into something quite different, but the spirit of Marine Botany lives on. The Marine Botany crowd has dispersed throughout the world, and throughout Australia, but there are a significant number of Marbots still in Brisbane. They have been remarkably successful in their pursuits and one of the benefits of returning to Brisbane after a nine year absence is being able to see Marbots achieving amazing things.

Dr. Tim Carruthers, a Marbot postdoctoral fellow who came with me to the [University of Maryland Center for Environmental Science](#) to develop the Integration and Application Network was in Brisbane with his wife Courtney Schupp and their new young son, Colin. Tim, Courtney and Colin are en route to Apia, Samoa so that Tim can begin his new job with the [South Pacific Region Environment Programme \(SPREP\)](#). A colleague that Tim will be working with at SPREP is Dr. David Haynes. David did his PhD as a Marbot on toxicants on the Great Barrier Reef, and worked for the [Great Barrier Reef Marine Park Authority](#) before joining SPREP.

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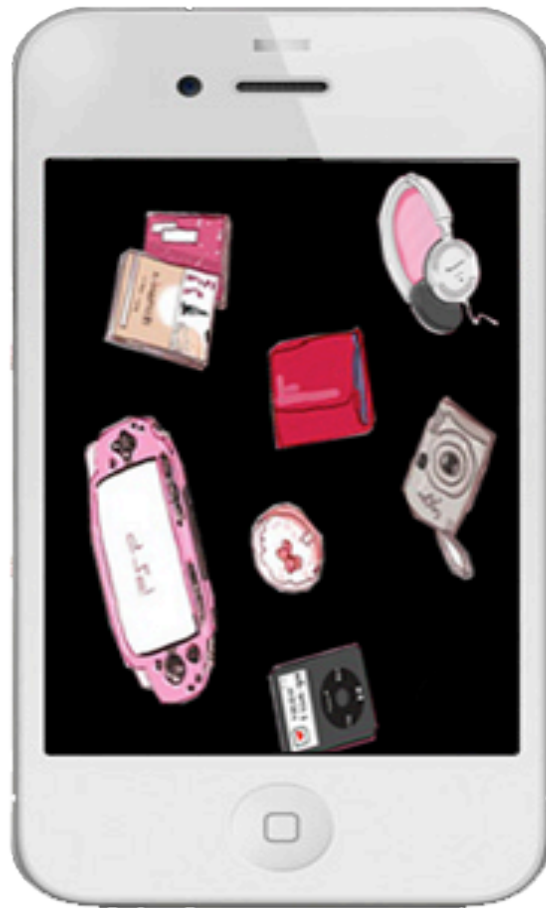
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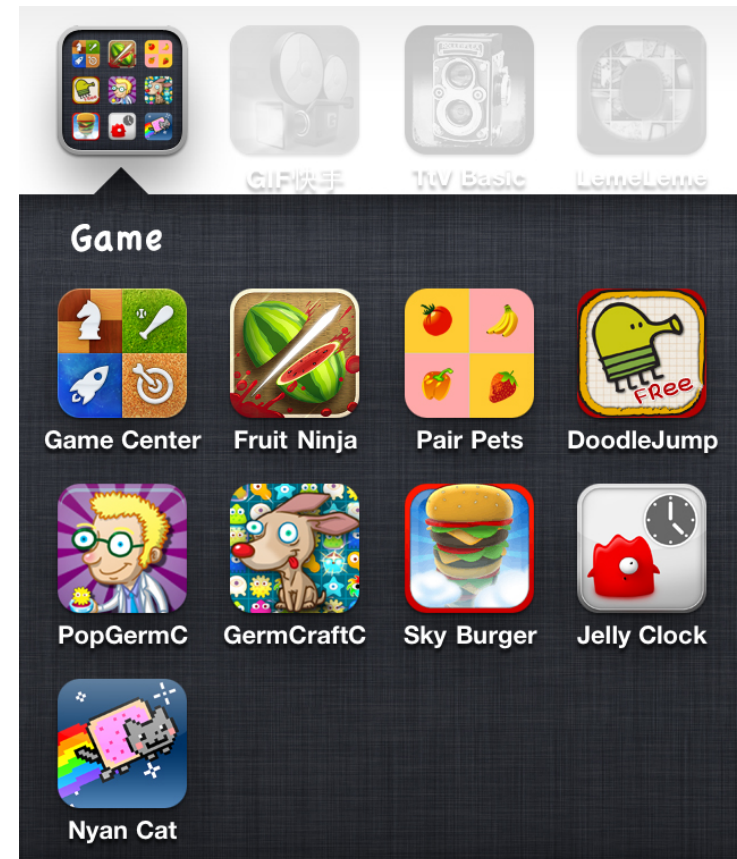
Mash-up #2 E-bag

- Concept: a collection of your daily used apps
- Different shapes, all depends on which bag you like.
- Use your iPhone like a real bag.
- Compare your iPhone and your bag.

E-bag interface:



Traditional interface:



Feedback Loop: Tail!

- Concept: A pair of tails, one is for you, one is for your friend, may be your family.
- This project is for smoker, especially, who is trying to give up the habit.
- This pair of tails can two bracelets, rings, necklaces.
- It is hard to give up smoking all by oneself. If some one is close to you can help you stop this habit, it can be better. People do need be pushed to give up bad habits.

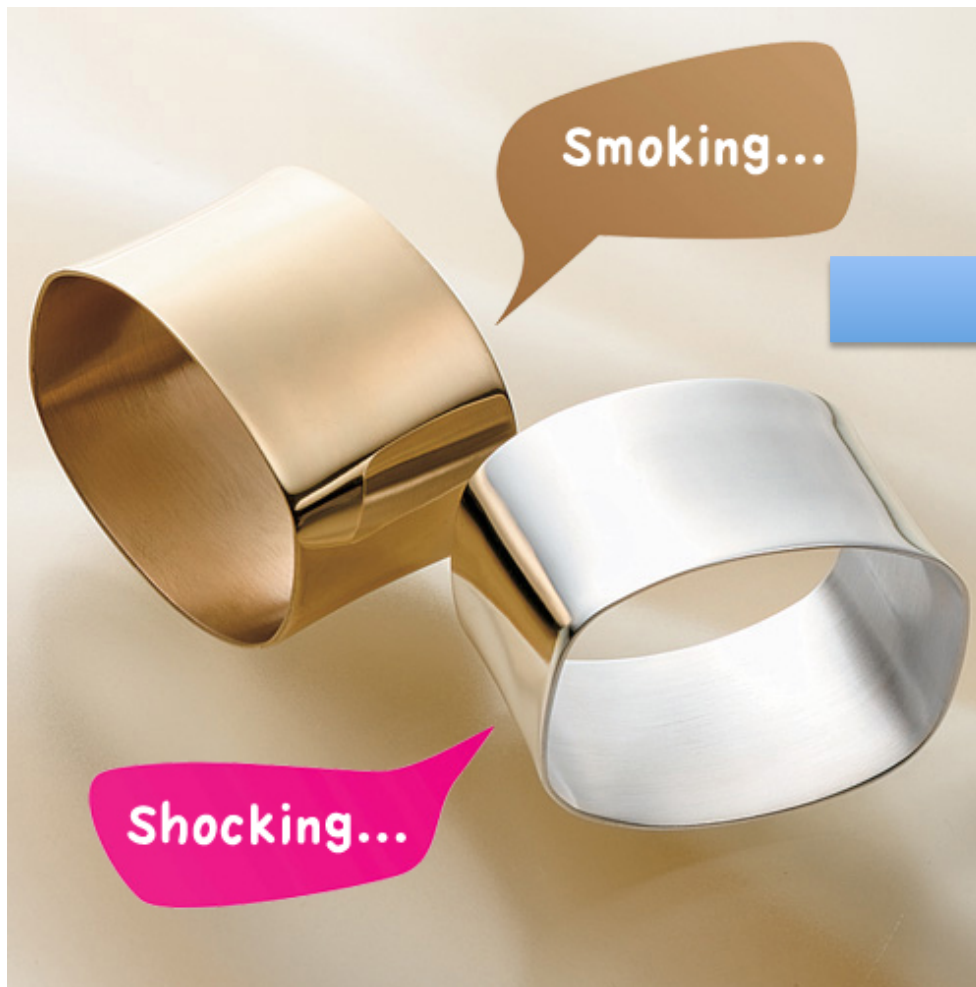
- A pair of tails:



- Tail works with smoking-sensing system.
- It can calculate the distance between itself and the smoking people by density of smoke in the air and also the temperature whether others are smoking.
- When your tail tests and gets the result you are smoking, the other tail will shock to tell your mate the smoking information.

It means smoking can shock others world, it is serious.

- Tail means get closer, ties people together, some one may supervise you as a kind of concern.



Wearing the tail, when you smoke, your friend who gets the other tail will get the information that you are smoking. You may get trouble! You friend will help you quit smoking.



“If we quit smoking, our risk of heart attack will go down 30 percent. But if we quit 5 times, our risk will go down 150 percent!”

Thank you!