

How to Build a Prototype

...or there's a tool for every task

So who is this guy?

I'm Ben.
I've Made Some Things...



NICE MOHAWK

THE FINE EDGE



nicemohawk.com/blog

Prototypes

prototype |'prōtə,tīpl|

noun

a first, typical or preliminary model of something, esp. a machine, from which other forms are developed or copied



Concept or Prototype?





FINE GENES MEAN PERFECT FORM.
BMW 503 COUPE.
BMW 503 COUPE.





FINE GENES MEAN PERFECT FORM.
BMW 503 COUPE.
BMW 503 COUPE.



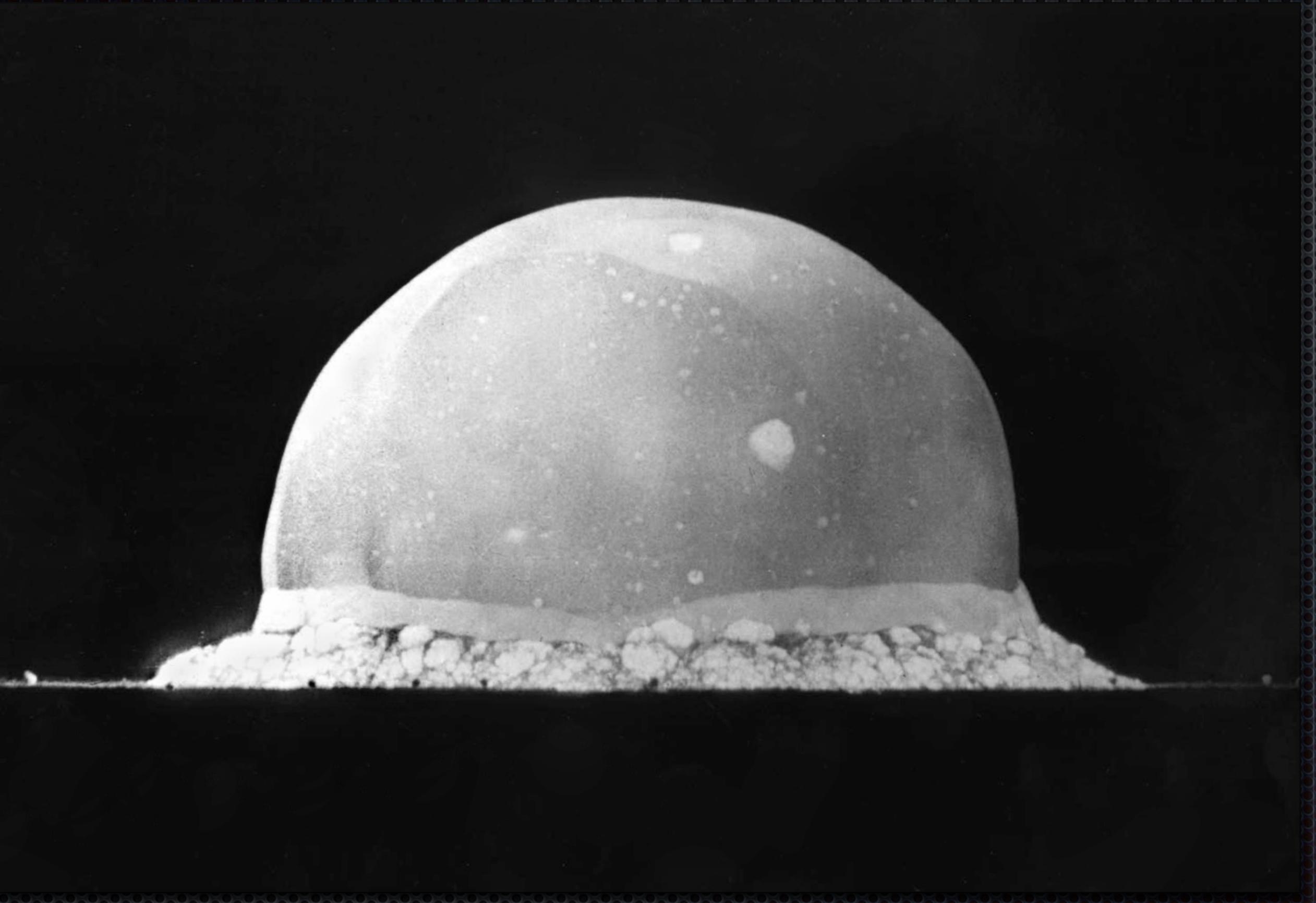


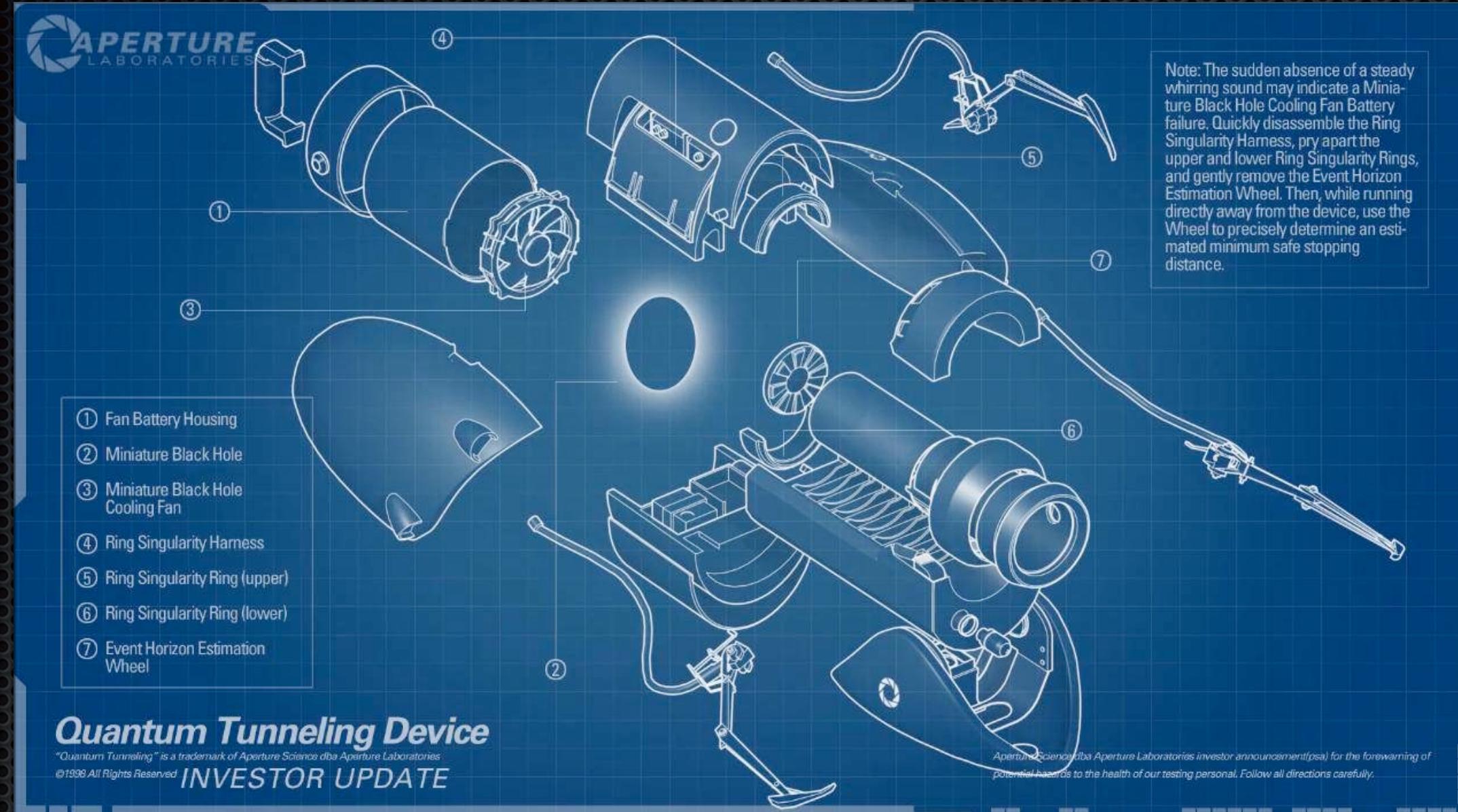
Prototypes



Why build a prototype?







Wireframing

always have a good blueprint

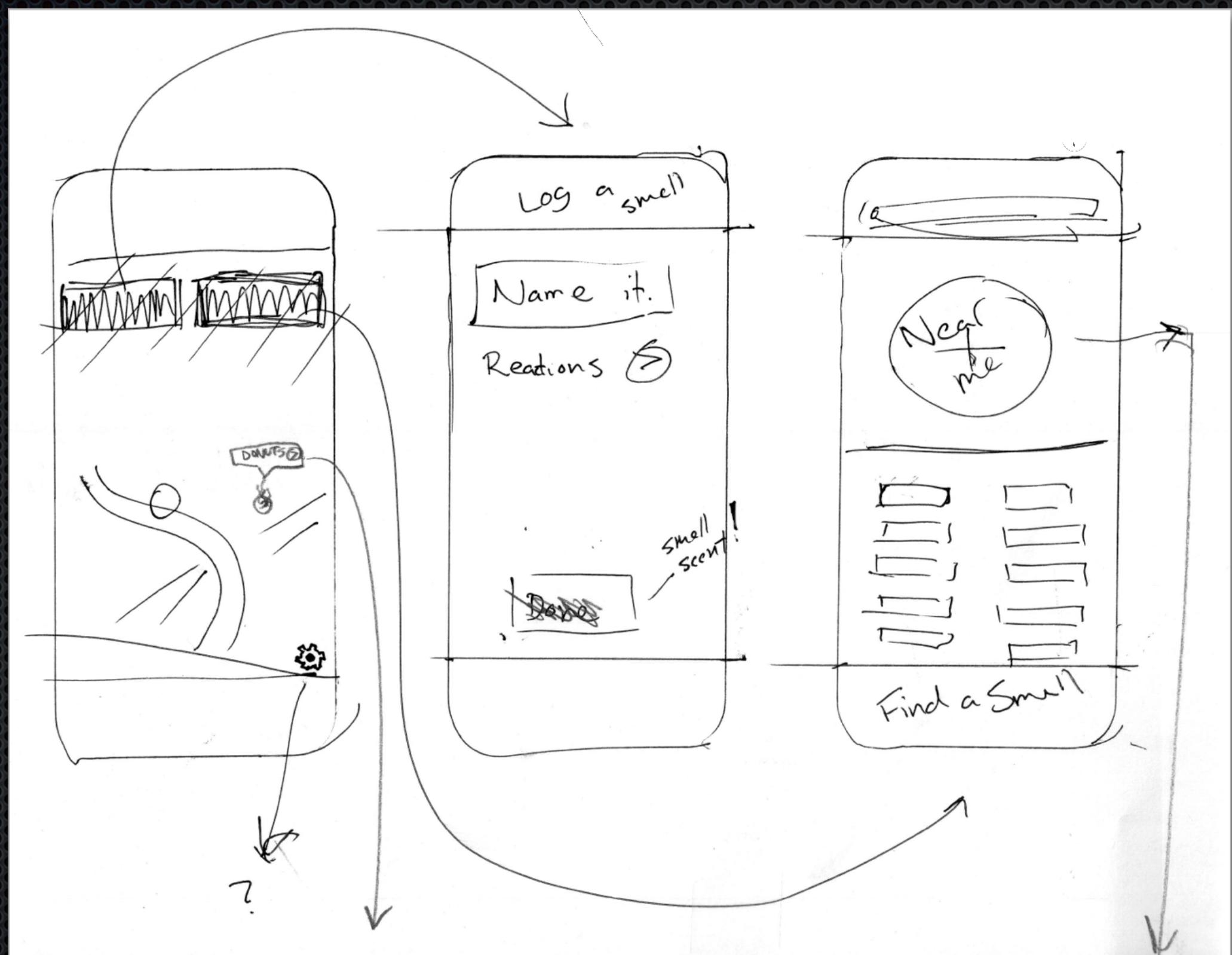


Example

Introducing **Georama**: Your City Smells

Georoma

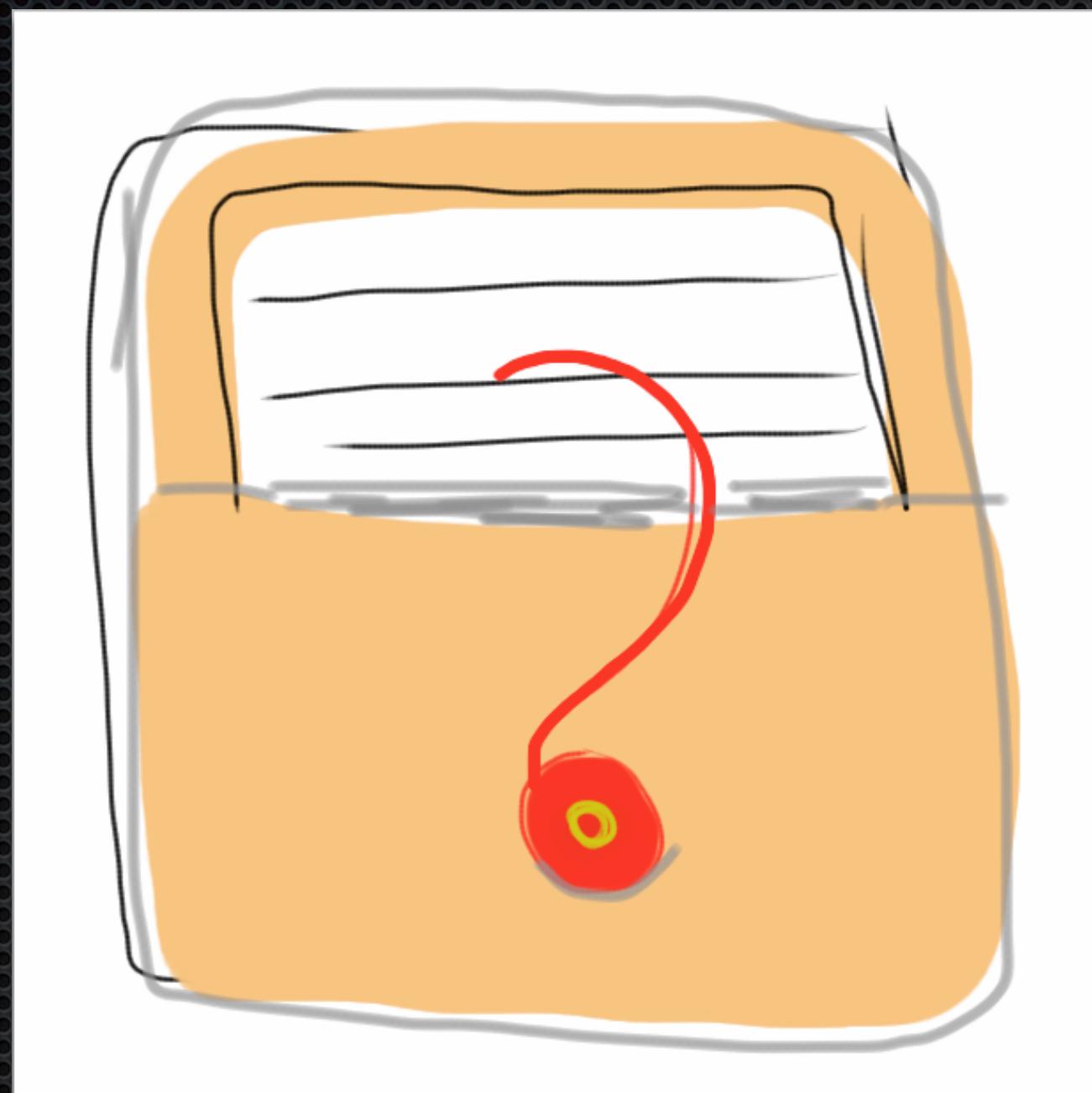
Your City Smells







Example



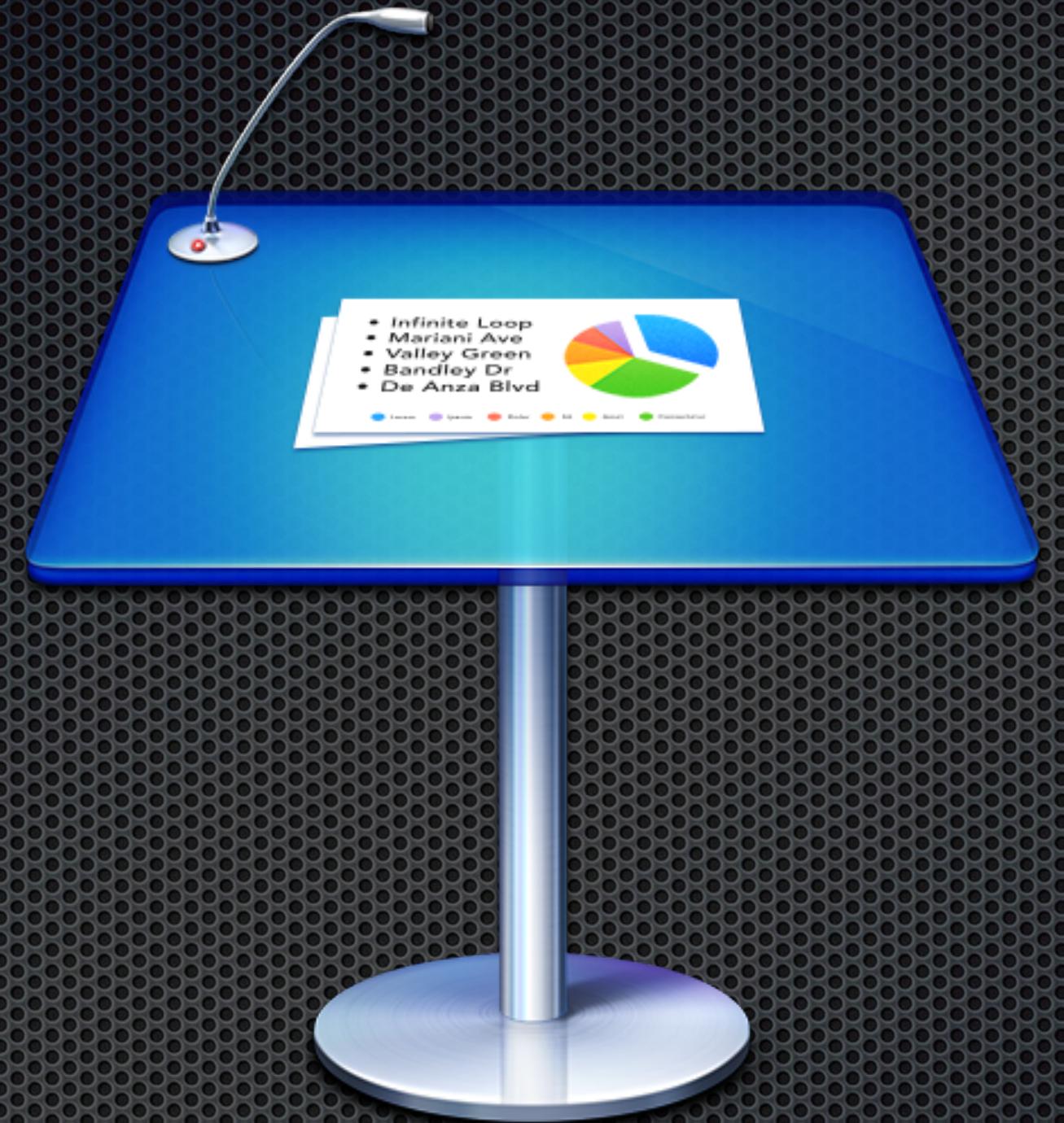
SketchBook Pro Ita first icon sketch



Final Ita 1.0 icon



OmniGraffle



Keynote

Mockingbird

website wireframing

- Quick & Dirty
- Group Editing
- Multiple Variations
- Website targeted, but can be used for other applications



~~TOP SECRET~~

Wireframes: your eyes only
keep them internal

Prototypes



Mockups

...communicate look

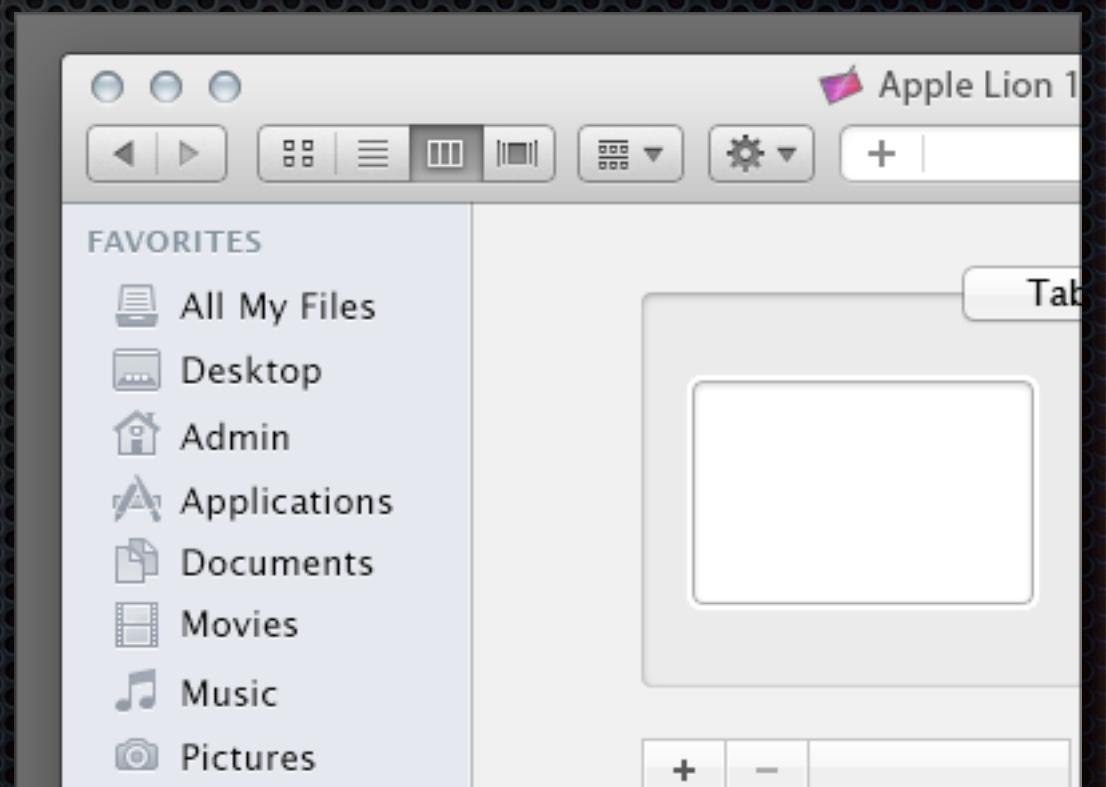
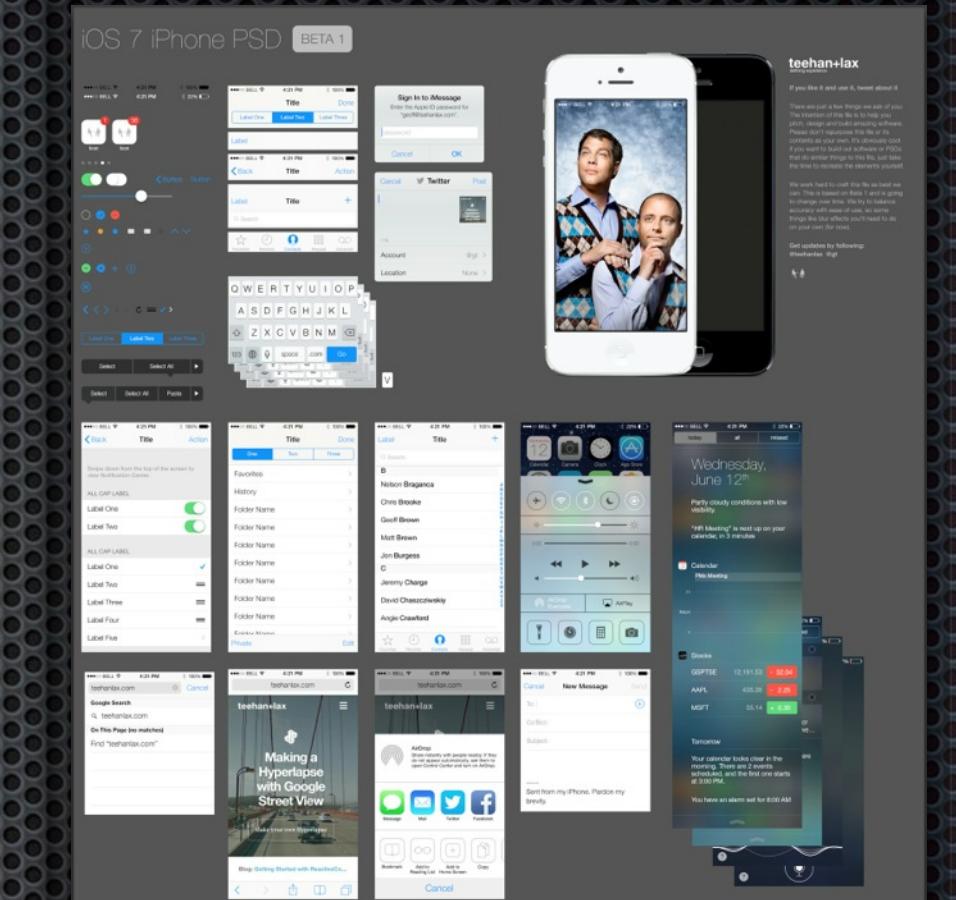
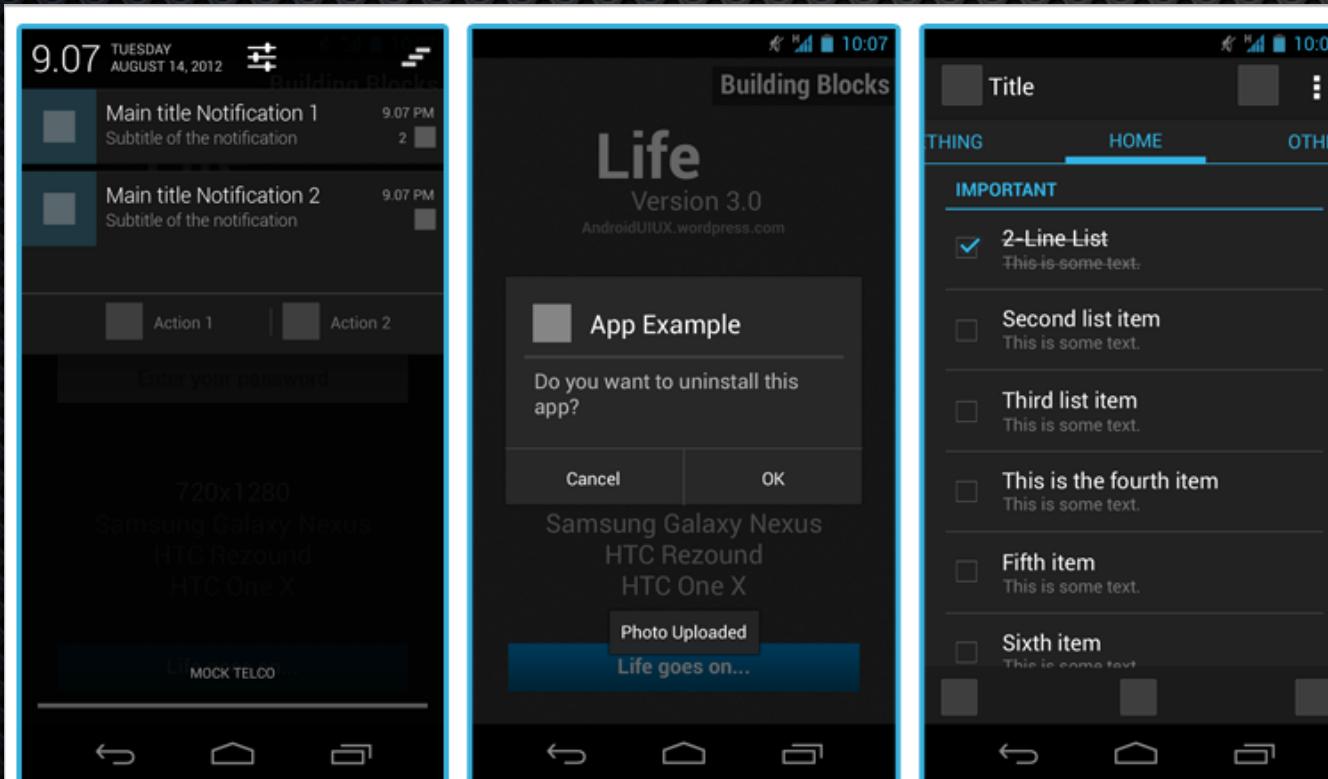


PS

Photoshop

Photoshop Assets

- Teehan+Lax (iOS)
- Jonatan Castro / Joshua Geiger (OS X)
- Android Official Stencils
- Taylor Ling (Android)





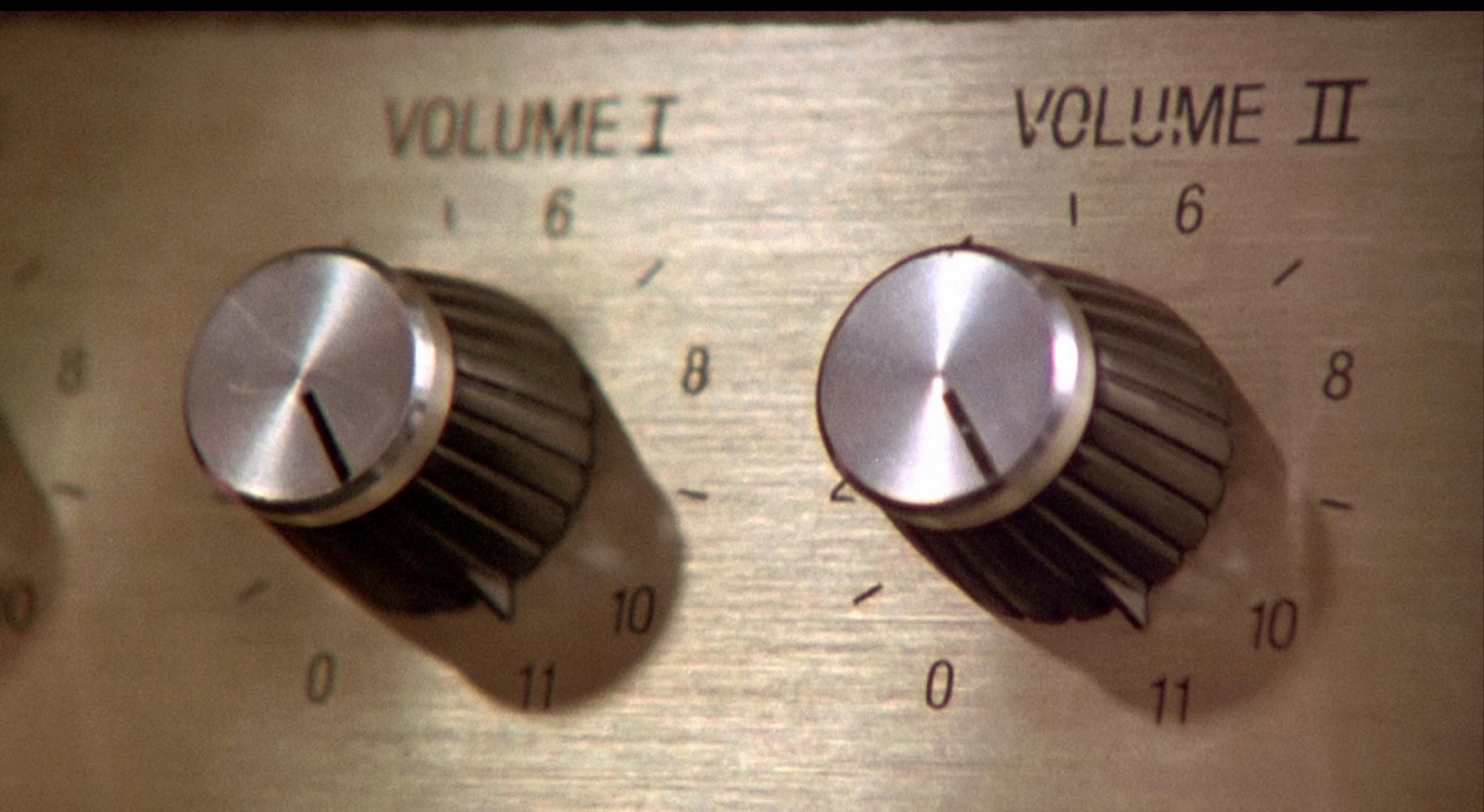
LiveView

Demo

Prototypes



What kinds of prototypes are there?



Feature Prototypes

Xcode

...or the IDE of your choice.



Example

Import

Drag to select a section of text to import, then select its type.

Just Veggin' Pita Pizza

Name ▾

Rated:

Submitted By: Kraft Natural Shredded Cheese

Prep Time: 25 Minutes

Ready In: ~~Time~~ **Time** ▾

Servings: 4

Description: Fire up the grill for these quick pesto, cheese, and veggie pizzas made with pepper, zucchini, and red onion wedges on whole wheat pitas."

INGREDIENTS:

1 red pepper, quartered
1 zucchini, ends trimmed, cut lengthwise into 1/4-inch thick slices
1/4 small red onion, cut into wedges
3 tablespoons KRAFT Zesty Italian Dressing
4 ounces PHILADELPHIA Cream Cheese, softened
1/4 cup pesto
4 (7 inch) whole wheat pita breads
1 cup KRAFT Shredded Italian Five

Ingredients ▾

File... Import Snap to Text

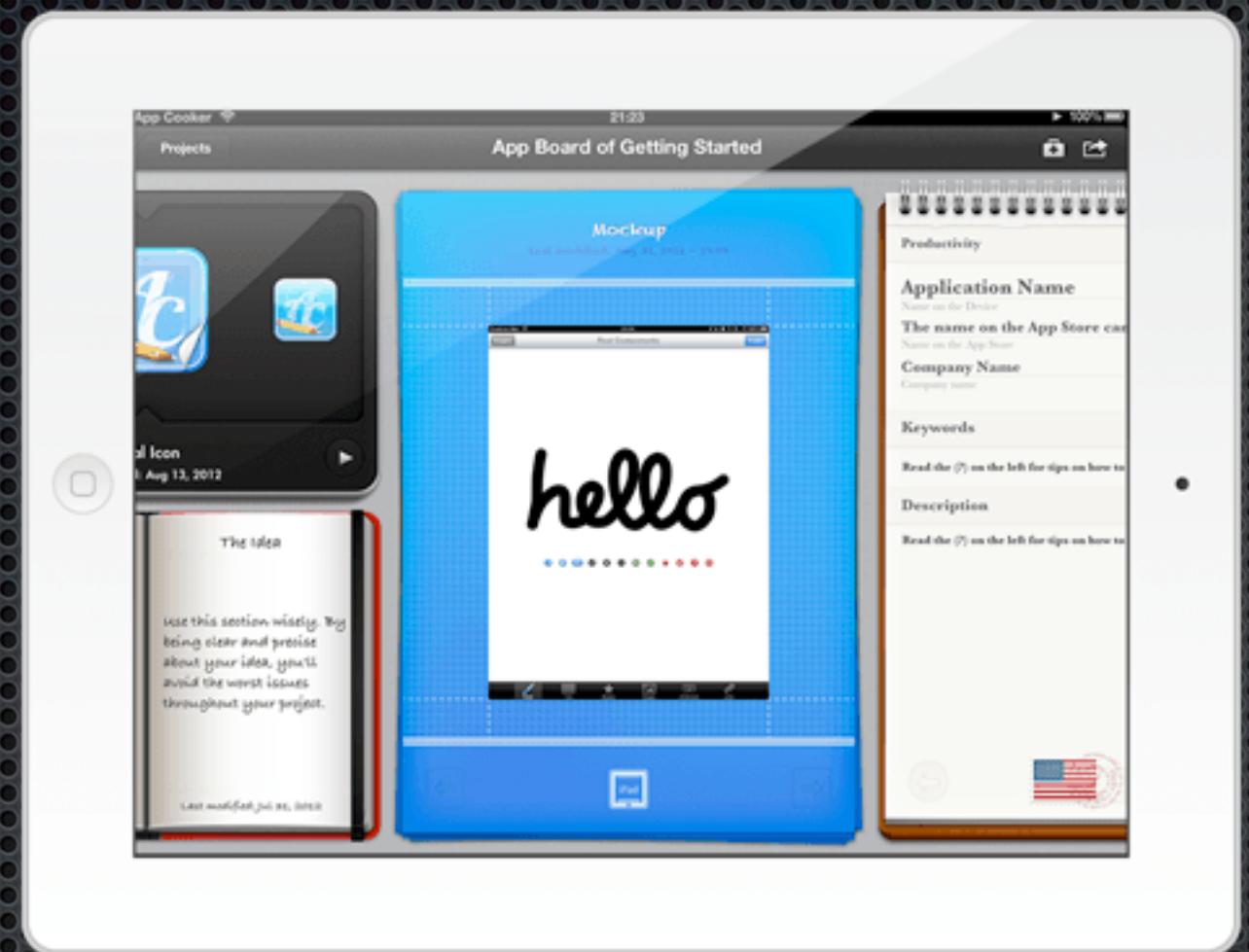
The screenshot shows the 'Import' dialog of the SousChef for Mac application. At the top, there's a message bar with a red 'X' icon and the text 'Drag to select a section of text to import, then select its type.' Below this is a title 'Just Veggin' Pita Pizza' with a 'Name' dropdown arrow. The main area contains several data fields: 'Submitted By: Kraft Natural Shredded Cheese', 'Prep Time: 25 Minutes', 'Ready In: [redacted] Time' (with a red 'X' over the first part), and 'Servings: 4'. A descriptive paragraph follows: 'Fire up the grill for these quick pesto, cheese, and veggie pizzas made with pepper, zucchini, and red onion wedges on whole wheat pitas.' Below this is a section titled 'INGREDIENTS:' with a yellow background. It lists various ingredients: 1 red pepper, quartered; 1 zucchini, ends trimmed, cut lengthwise into 1/4-inch thick slices; 1/4 small red onion, cut into wedges; 3 tablespoons KRAFT Zesty Italian Dressing; 4 ounces PHILADELPHIA Cream Cheese, softened; 1/4 cup pesto; 4 (7 inch) whole wheat pita breads; and 1 cup KRAFT Shredded Italian Five. A yellow box surrounds the 'Ingredients' section. At the bottom of the dialog are three buttons: 'File...', 'Import', and a checked 'Snap to Text' checkbox.

Recipe Import View

SousChef for Mac



Interaction Prototypes



AppCooker



Prototypes



POP - Prototyping on Paper

Briefs 2



Demo

How to Build a Prototype

Goal: Test a feature or interaction to see if it is going to work.

1. Create a Wireframe
2. *Optional:* Turn that Wireframe into a Mockup
3. Build a Prototype out of the Wireframe or Mockup
4. So... Does it work?

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Q & A

session notes:
nicemohawk.com/talks/prototypes

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Bonus Questions

- What tools do you use for prototyping, wireframing or mocking?
- Where do mockups fit into your process?
- How often do you prototype and do you see that changing?

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