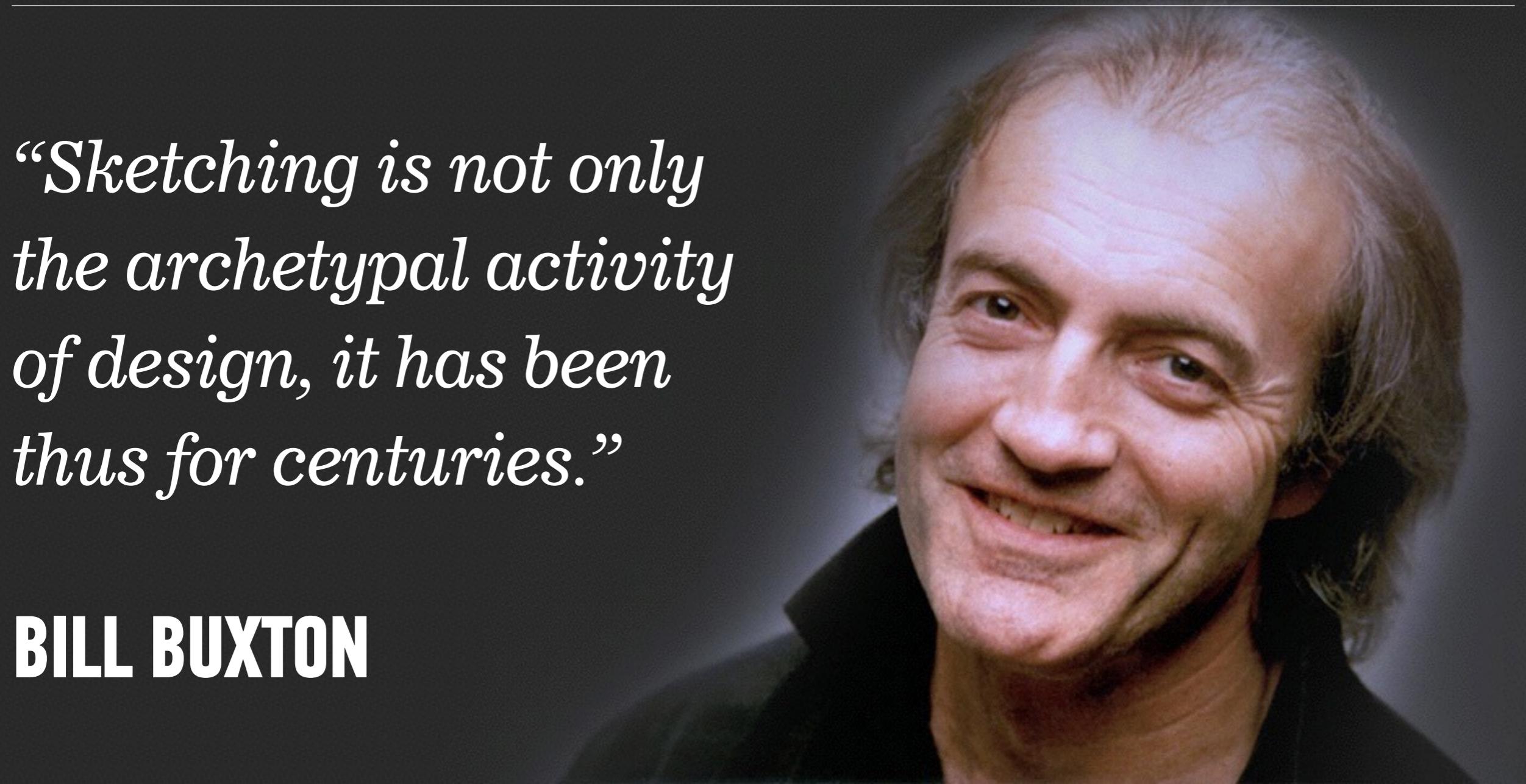

SKETCHING FUNDAMENTALS

- What and why of sketching
- Sketching basics
- What is an interface?
- Tips for sketching interfaces
- How to create a layered sketch
- Practice activity

WHAT IS SKETCHING?

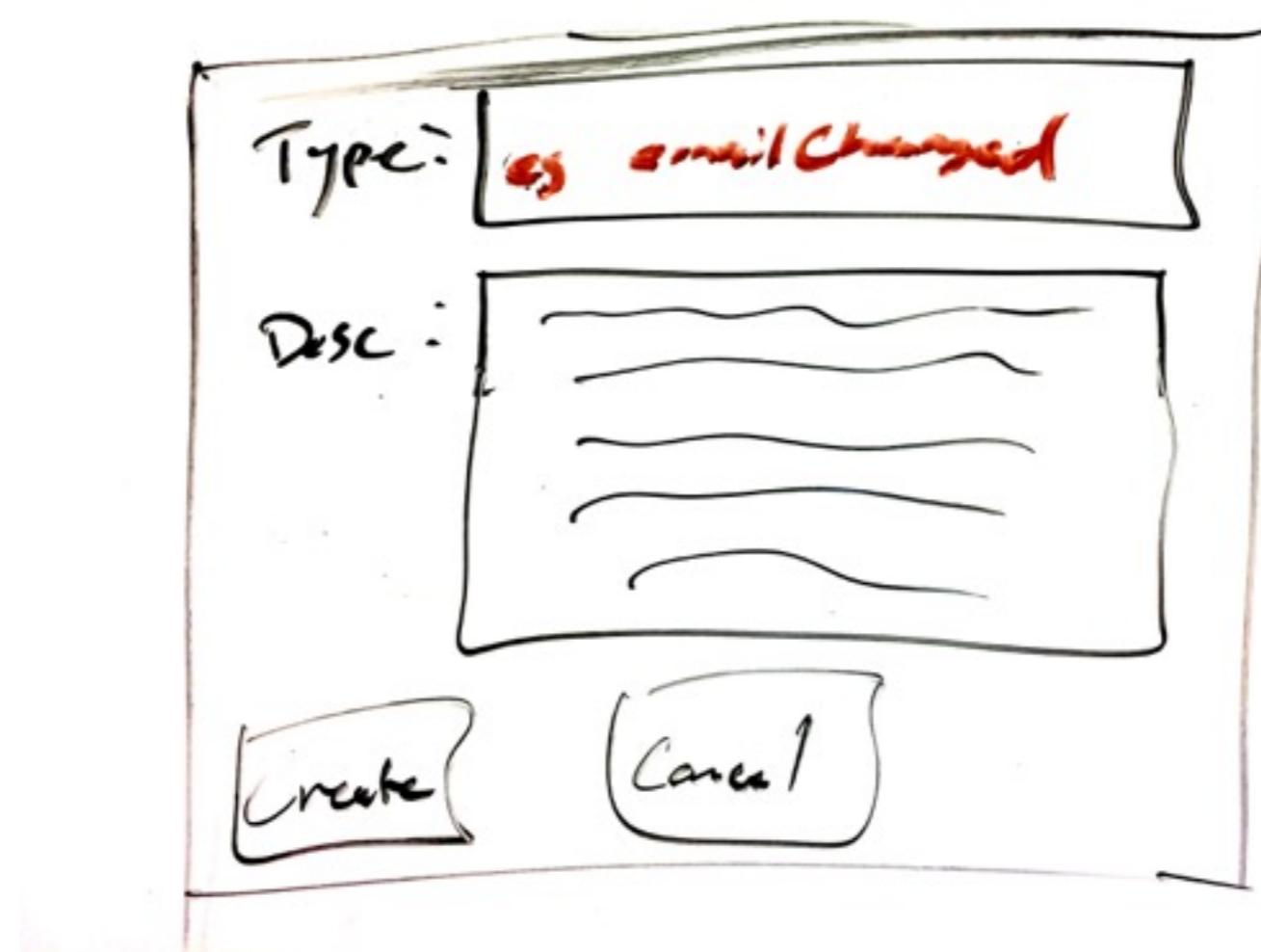
*“Sketching is not only
the archetypal activity
of design, it has been
thus for centuries.”*

BILL BUXTON



Sketching is the process of rapidly translating ideas into something tangible.

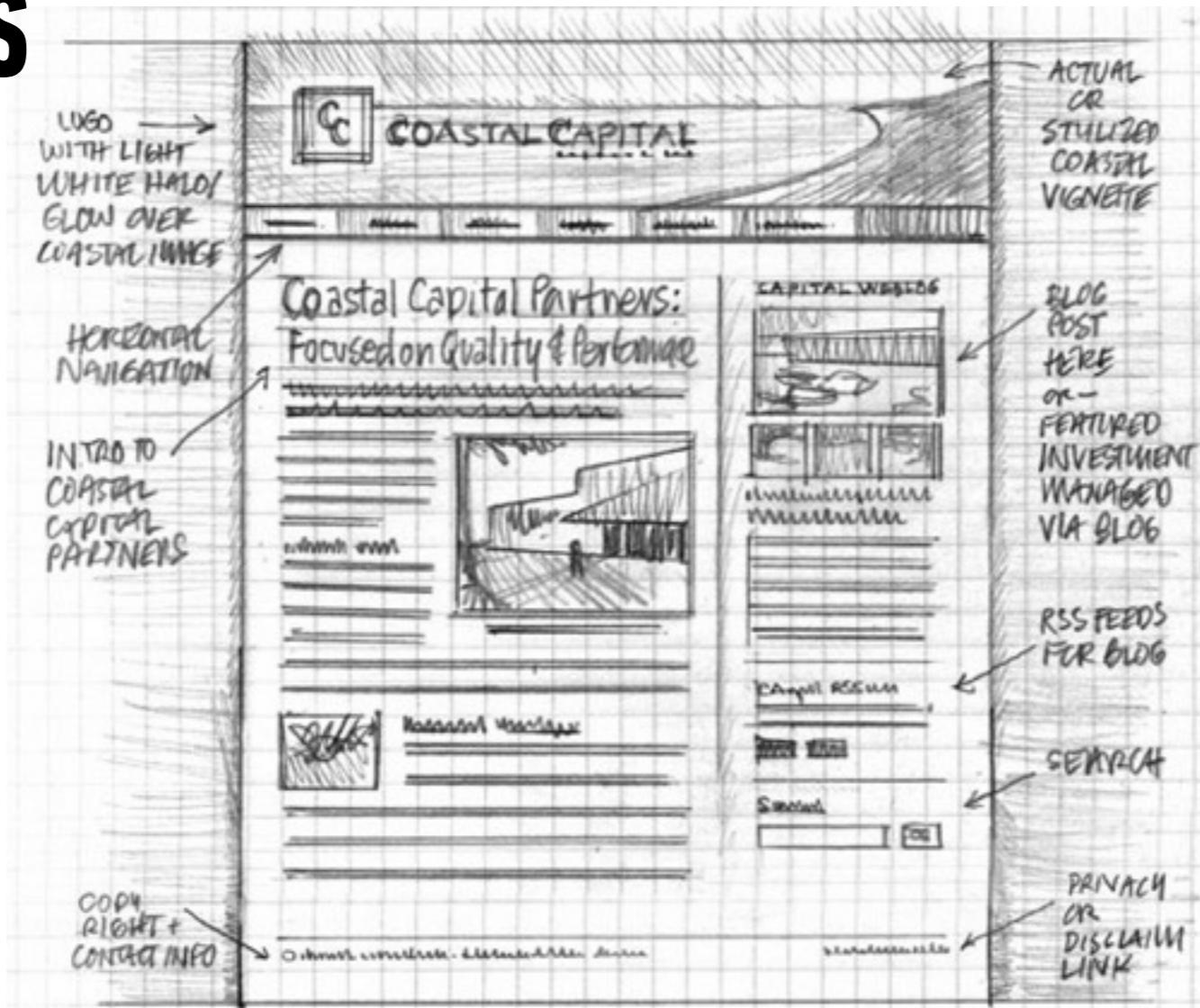
IT LOOKS LIKE THIS



WHAT IS SKETCHING?

7

OR LIKE THIS



WHY DO WE SKETCH?

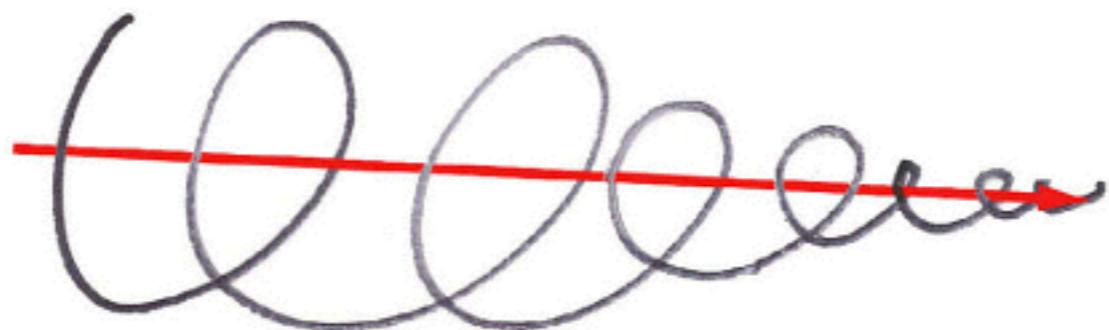
WHY DO WE SKETCH?

9

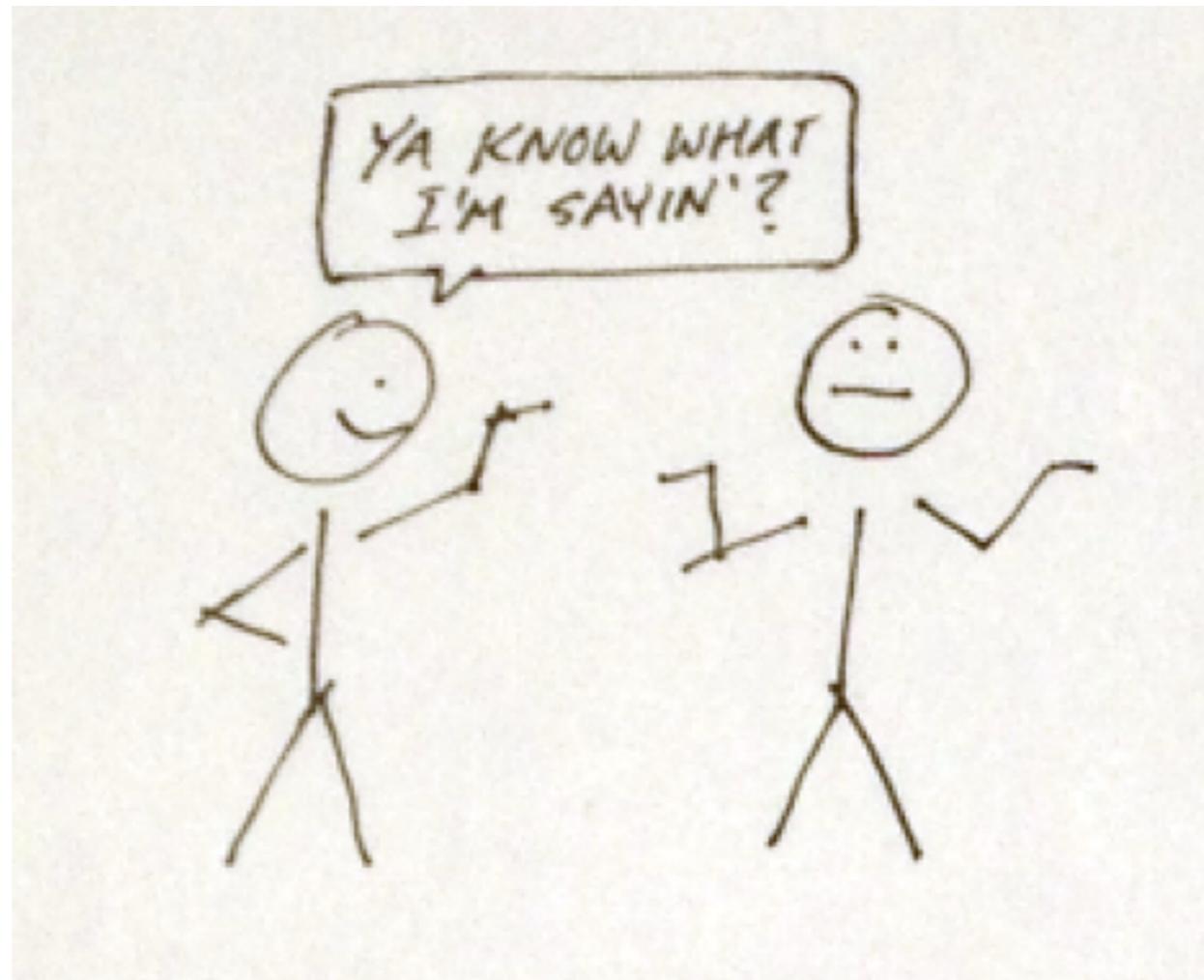
TO EXPLORE



TO REFINE

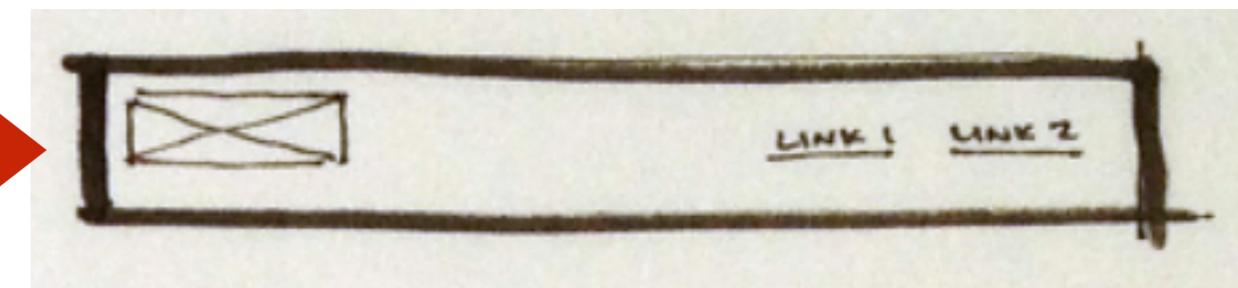
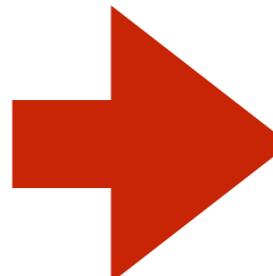


TO COMMUNICATE VISUALLY

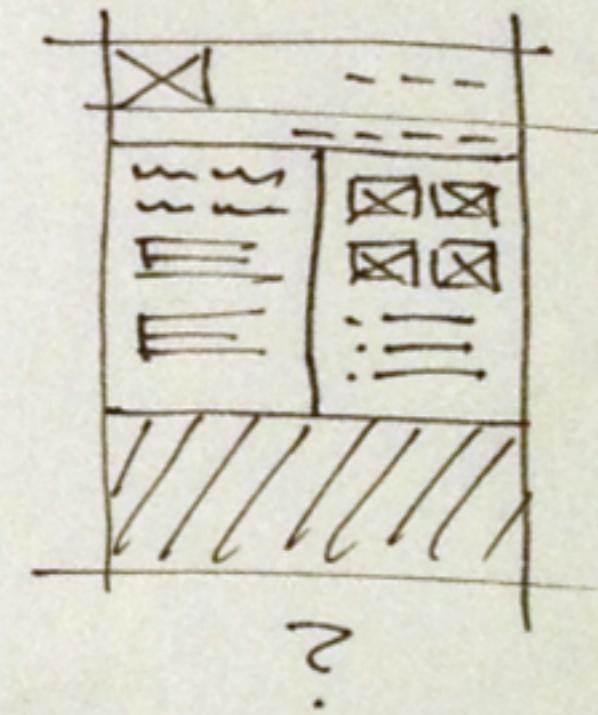
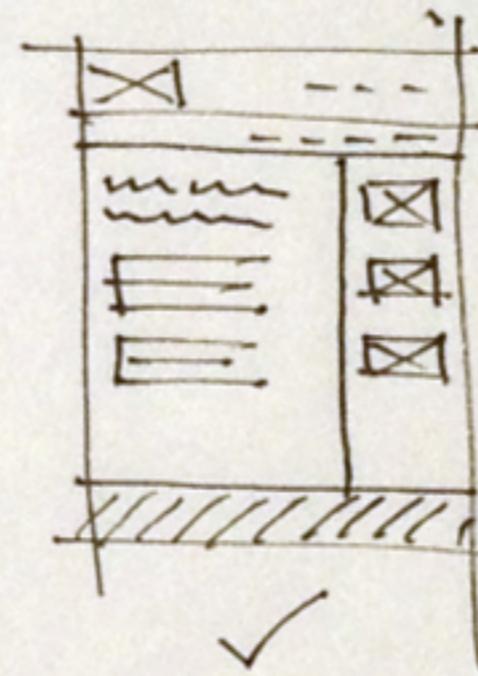
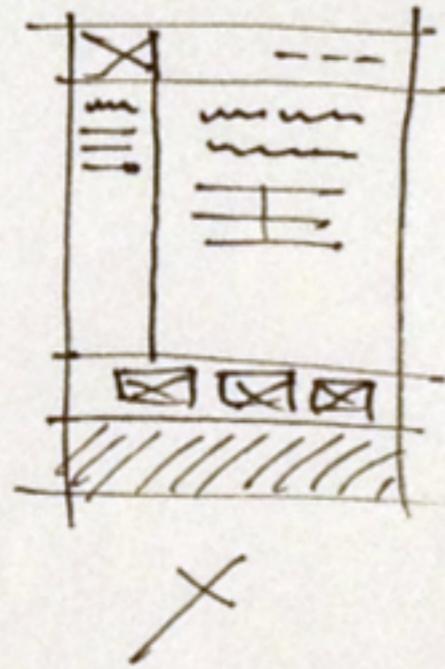


TO SIMPLIFY THE COMPLEX

```
<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">  
<html>  
  <head>  
    <meta name="TITLE" content="Control Panel" />  
    <meta name="KEYWORDS" content="control panel" />  
    <meta name="DESCRIPTION" content="A simple control panel" />  
    <link rel="stylesheet" type="text/css" href="control.css" />  
    <script language="javascript" type="text/javascript" href="control.js" />  
  </head>  
  <body bgcolor="#ffffff" width="100%" height="100%>
```



TO VALIDATE



TO SAVE TIME

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Maecenas egestas tincidunt neque, a luctus purus placerat vel. Duis rutrum nisi sit amet ultricies ullamcorper. Nullam nec massa tortor. Suspendisse sit amet enim quis tortor commodo commodo. Cras vel feugiat lorem. Phasellus venenatis libero justo, et malesuada lectus molestie non. Vivamus interdum tortor a molestie lacinia. Mauris eleifend aliquam ligula, eget hendrerit ante tincidunt quis. Morbi quis iaculis metus. Aliquam ac rhoncus enim, eu accumsan diam. Nam eu laoreet risus. Nulla laoreet tortor sit amet nunc vehicula, vel scelerisque magna scelerisque. Proin pretium fermentum vestibulum.

Morbi fermentum adipiscing risus, ut congue ante laoreet ut. Nullam ac nisi non ipsum molestie interdum. Suspendisse dapibus hendrerit enim, at ultricies turpis porttitor ac. Curabitur ut consequat tellus, eu imperdiet urna. Proin at neque imperdiet, blandit odio eu rhoncus sem. Cras ut neque at nisi feugiat mollis vel vel nunc. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aenean ultrices lorem neque, et varius risus hendrerit sed. Etiam in nunc justo.

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Aenean non molestie velit, a faucibus dolor. Fusce risus odio, egestas vel rutrum a, pulvinar in nisi. Vivamus placerat sem venenatis justo faucibus eleifend. Donec tincidunt ac magna a lobortis. Integer rutrum feugiat urna. Nunc ut lorem magna. Maecenas accumsan condimentum ligula, ac vehicula erat imperdiet a. Sed feugiat sed metus eget dapibus.

Cras eget felis justo. Maecenas iaculis, arcu nec consectetur sagittis, odio mauris dignissim leo, eu aliquet risus ante vitae eros. Maecenas quis auctor nunc. Mauris nulla est, consectetur ac condimentum a, gravida sed neque. Sed et laoreet nunc. Sed sollicitudin lacus ut semper aliquam. Curabitur eleifend hendrerit rhoncus. Morbi eu posuere dolor. Proin faucibus cursus rutrum. Vestibulum vitae odio vel magna condimentum rhoncus a a nisi. Sed nec justo eleifend lacus bibendum cursus vitae suscipit est. Sed a tincidunt neque, sed commodo enim. Nam in volutpat urna. Morbi et velit ultrices, pulvinar magna vitae, mattis nunc. Maecenas congue at mi sit amet fermentum.

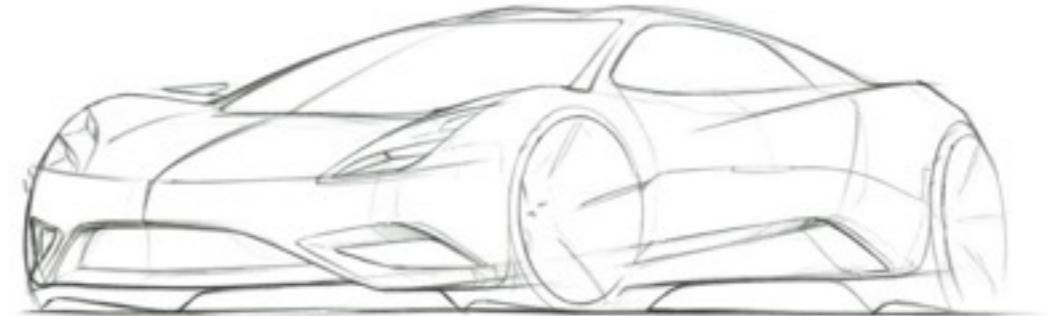
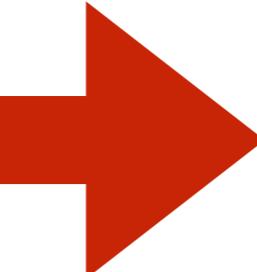
Mauris pharetra ante sit amet mi consectetur, commodo rutrum arcu egestas. Etiam semper, dolor at auctor convallis, purus ante euismod eros, nec iaculis eros mi sed ipsum. Quisque ut scelerisque leo, nec lobortis nibh. Cum sociis natoque penatibus et magnis dis parturunt montes, nascetur ridiculus mus. Nulla tempus ultrices lorem a hendrerit. Quisque sit amet turpis ac diam rhoncus condimentum vitae id sapien. Vestibulum accumsan sollicitudin velit ut facilisis. Etiam faucibus tempus nibh in rhoncus. Nunc justo tellus, sagittis ut ante nec, scelerisque egestas justo. Duis at pharetra nisi. Praesent quis laoreet diam, quis accumsan urna. Morbi elementum erat ac nunc lobortis, in interdum arcu porttitor. Nulla adipiscimus, sem quis consequat fermentum, lorem odio eleifend nisl, dignissim tincidunt dolor mi at elit. Curabitur justo urna, accumsan non mi nec, dictum pharetra metus.

Vestibulum congue sit amet dolor quis tincidunt. Sed nec lacus nec orci interdum mattis eu a purus. Vestibulum et diam vitae elit vehicula fermentum. Pellentesque cursus urna ipsum, sit amet pharetra quam viverra et. Proin porta lectus est, vel vestibulum turpis iaculis quis. Donec molestie odio in magna porttitor; ut porttitor tellus euismod. Phasellus eget nibh ac dolor luctus lobortis. Integer hendrerit, purus fermentum malesuada vulputate, dolor magna luctus tellus, id consequat magna erat at metus. Pellentesque scelerisque orci quis vulputate aliquam. In interdum accumsan eleifend. Donec at pulvinar enim. Nam turpis tortor, malesuada sed eros non, ultrices aliquet justo. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas.

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Proin at faucibus nulla. In accumsan non purus ut faucibus. Aliquam erat volutpat. Morbi vel tincidunt elit, in mattis felis. In eu lacus venenatis, lobortis turpis quis, scelerisque elit. Phasellus in turpis quis tortor laoreet condimentum lacinia et felis. Nunc malesuada mauris.



SKETCHING BASICS

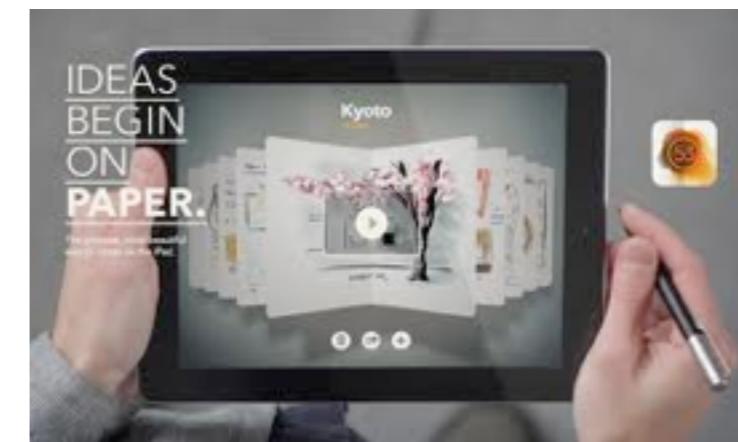
THE GOOD NEWS

- Everyone can sketch
- Sketches can look terrible and still work great

TOOLS



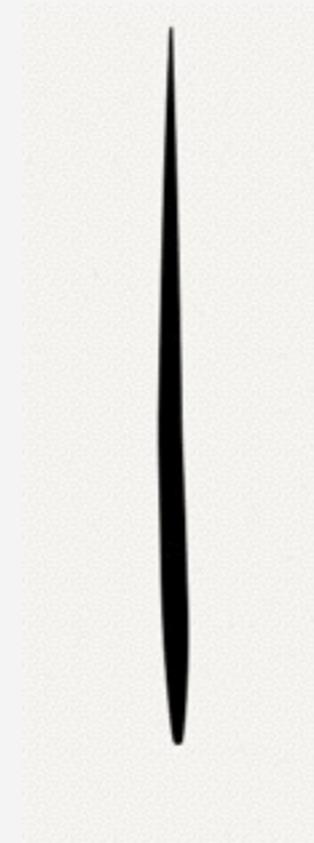
ADVANCED TOOLS



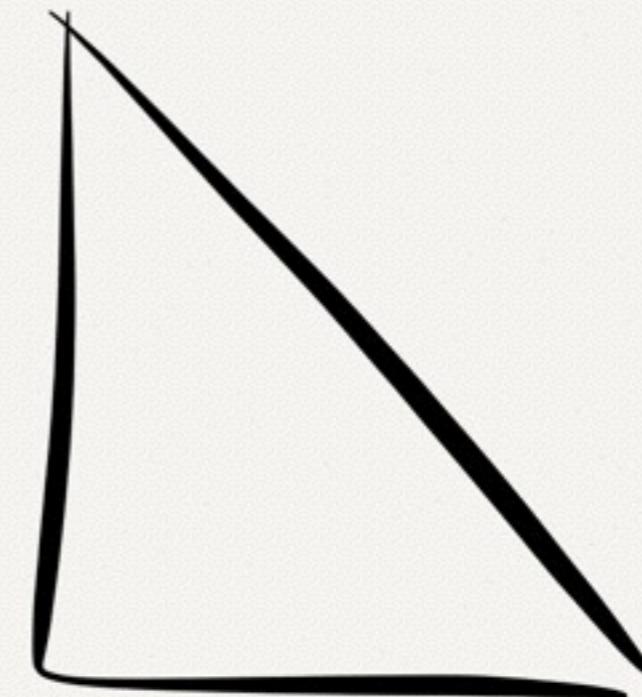
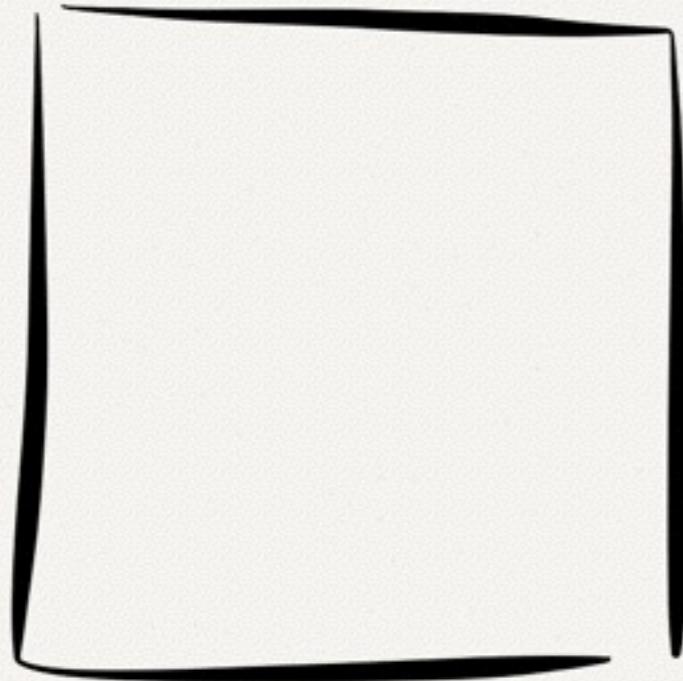
POINT



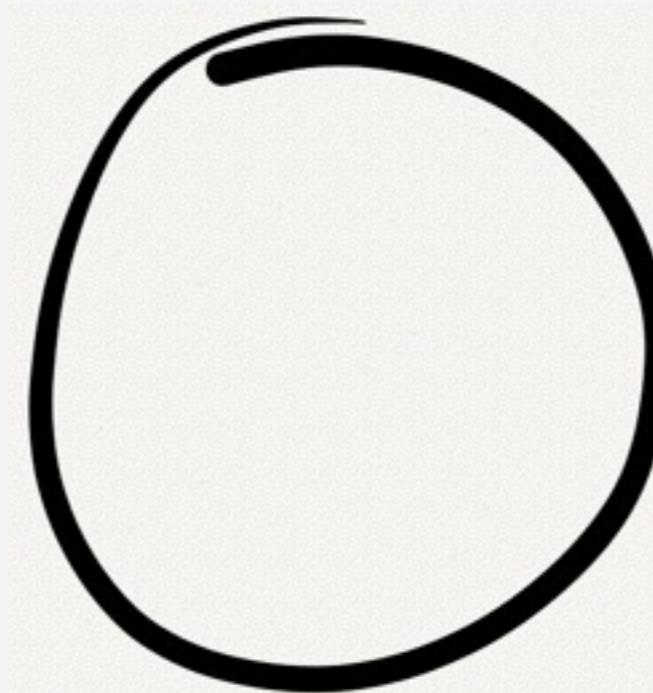
LINE



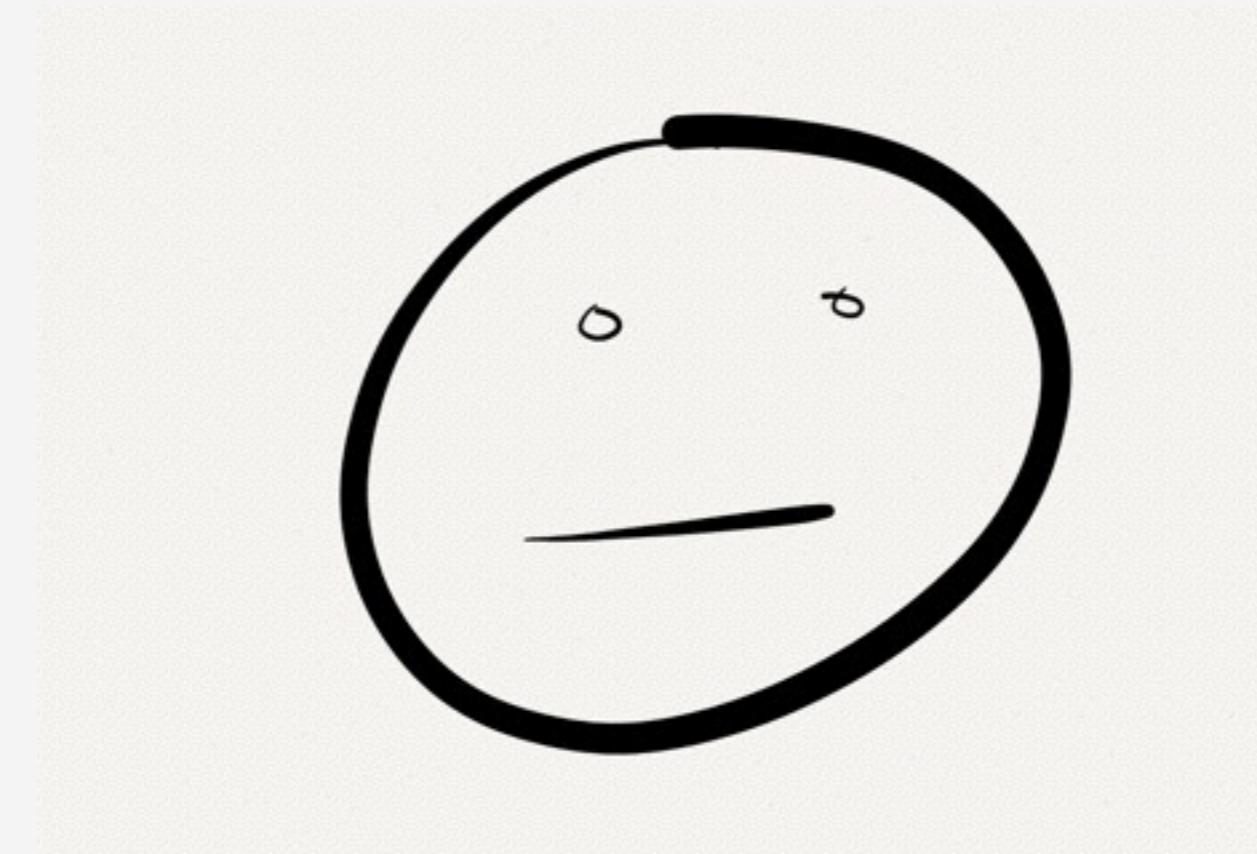
BUNCHA LINES



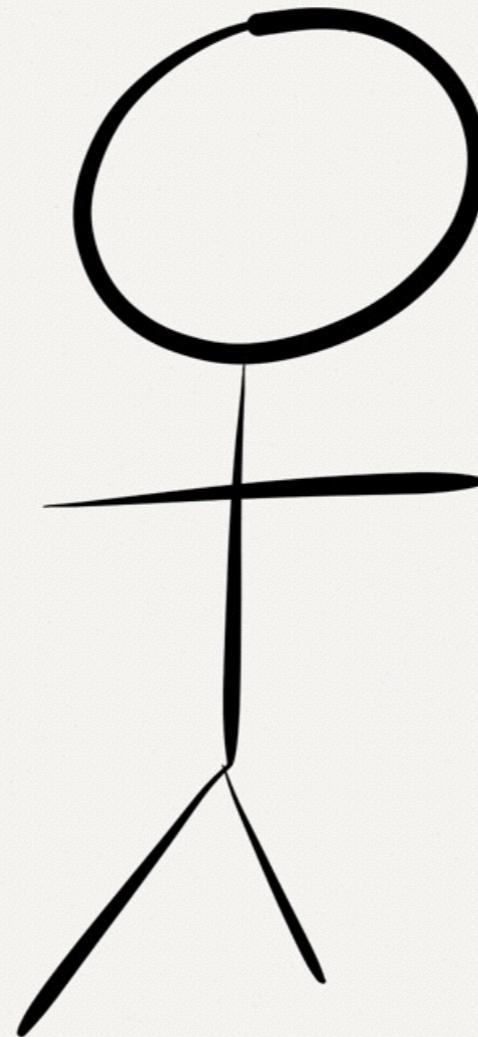
ROUNDISSH SHAPE



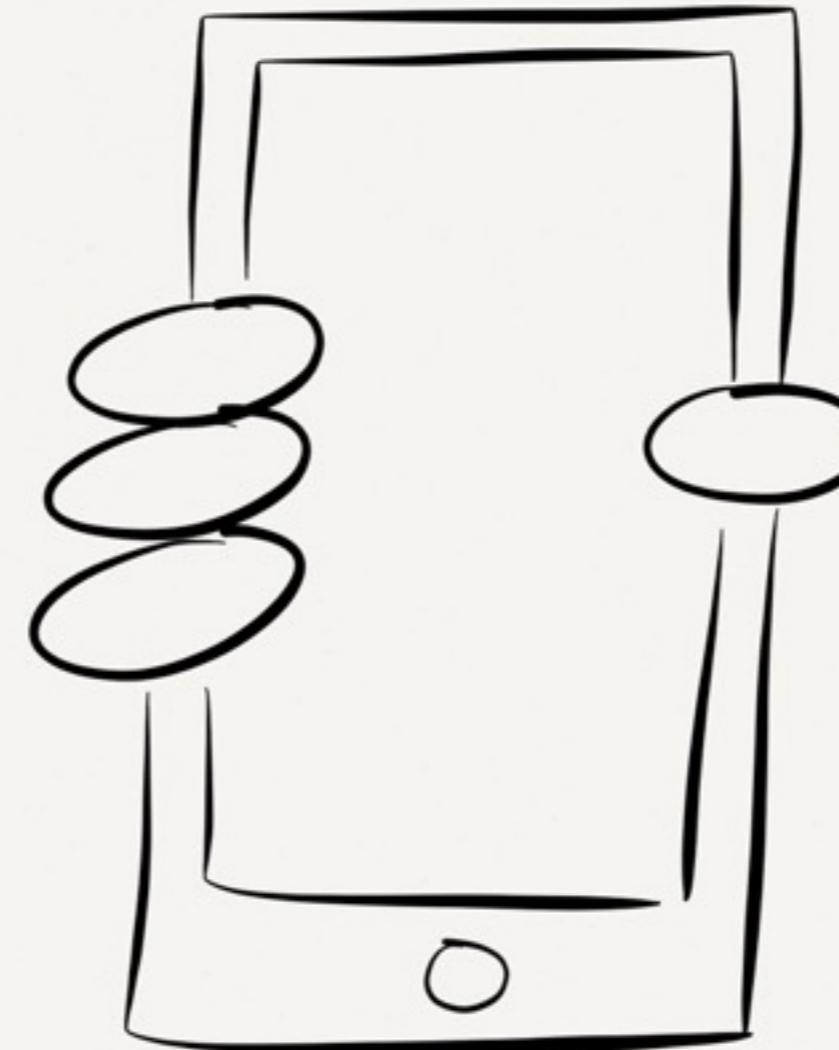
...COMBINE TO CREATE ANYTHING



...COMBINE TO CREATE ANYTHING



...COMBINE TO CREATE ANYTHING



ACTIVITY 8 min



Sketch the website <http://www.canistream.it/>

Fold a piece of paper into 8 equal sections

In each section sketch the website (1 min per sketch)

WHAT IS AN INTERFACE?

The means through which people interact with a machine.

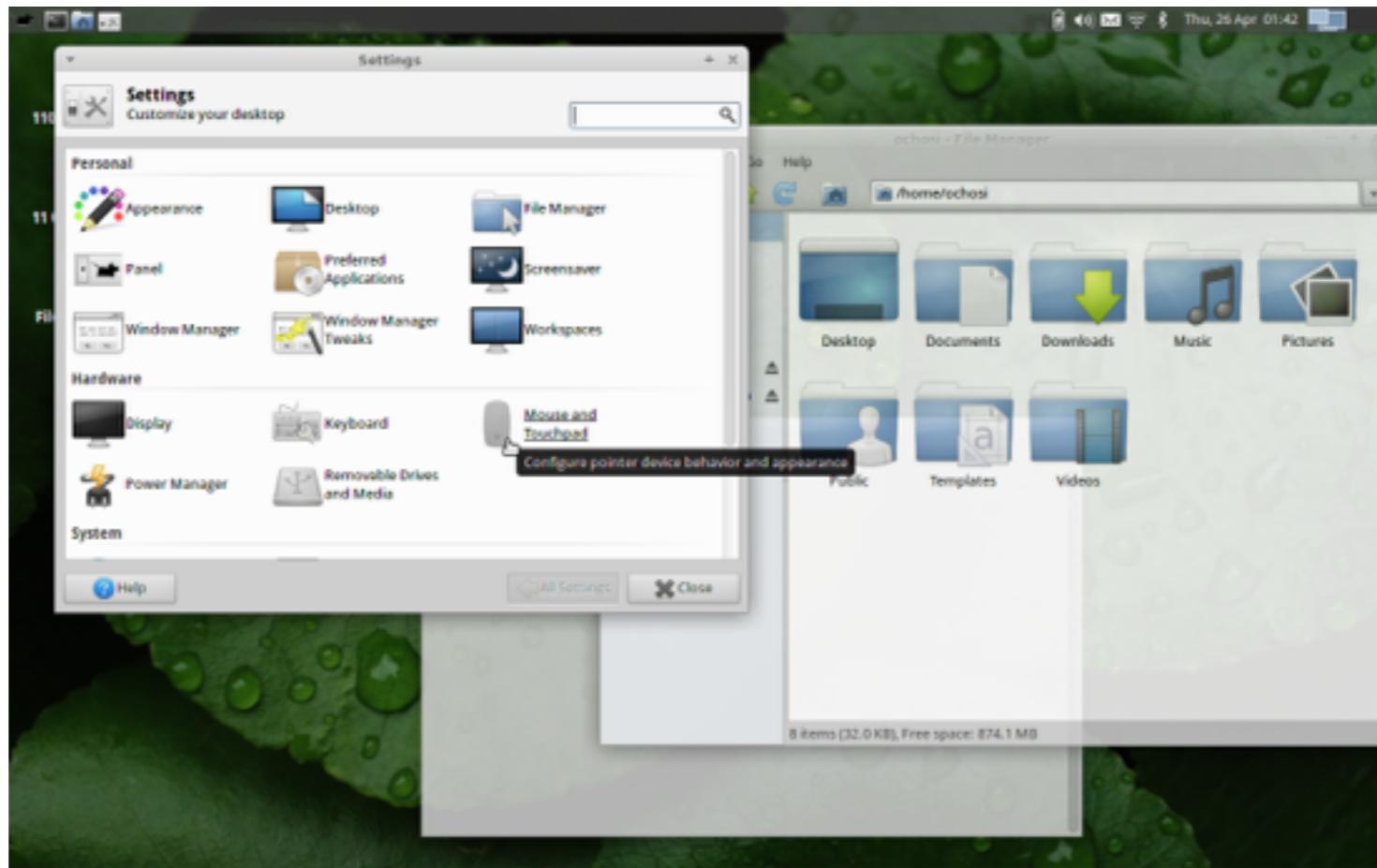
MECHANICAL INTERFACE



COMMAND LINE INTERFACE

```
[root@localhost ~]# ping -q fa.wikipedia.org
PING text.pptpa.wikimedia.org (208.80.152.2) 56(84) bytes of data.
^C
--- text.pptpa.wikimedia.org ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 540.528/540.528/540.528/0.000 ms
[root@localhost ~]# pwd
/root
[root@localhost ~]# cd /var
[root@localhost var]# ls -la
total 72
drwxr-xr-x. 18 root root 4896 Jul 30 22:43 .
drwxr-xr-x. 23 root root 4896 Sep 14 20:42 ..
drwxr-xr-x. 2 root root 4896 May 14 00:15 account
drwxr-xr-x. 11 root root 4896 Jul 31 22:26 cache
drwxr-xr-x. 3 root root 4896 May 18 16:03 db
drwxr-xr-x. 3 root root 4896 May 18 16:03 empty
drwxr-xr-x. 2 root root 4896 May 18 16:03 games
drwxr--T 2 root gdm 4896 Jun 2 18:39 gdm
drwxr-xr-x. 38 root root 4896 May 18 16:03 lib
drwxr-xr-x. 2 root root 4896 May 18 16:03 local
linuxrw-rwx. 1 root root 11 May 14 00:12 lock -> ../run/lock
drwxr-xr-x. 14 root root 4896 Sep 14 20:42 log
linuxrw-rwx. 1 root root 10 Jul 30 22:43 mail -> spool/mail
drwxr-xr-x. 2 root root 4896 May 18 16:03 nis
drwxr-xr-x. 2 root root 4896 May 18 16:03 opt
drwxr-xr-x. 2 root root 4896 May 18 16:03 preserve
drwxr-xr-x. 2 root root 4896 Jul 1 22:11 report
linuxrw-rwx. 1 root root 6 May 14 00:12 run -> ../run
drwxr-xr-x. 14 root root 4896 May 18 16:03 spool
drwxr-xrwt. 4 root root 4896 Sep 12 23:50 tmp
drwxr-xr-x. 2 root root 4896 May 18 16:03 var
[root@localhost var]# yum search wikit
Loaded plugins: langpacks, presto, refresh-packagekit, remove-with-leaves
rpmfusion-free-updates
rpmfusion-free-updates/primary_db
rpmfusion-nonfree-updates
updates/metalink
updates
updates/primary_db
| 2.7 kB  00:00
| 206 kB  00:04
| 2.7 kB  00:00
| 5.9 kB  00:00
| 4.7 kB  00:00
73% [-----] 62 kB/s 2.6 MB  00:15 ETA
```

GRAPHICAL USER INTERFACE



WEB APP INTERFACE

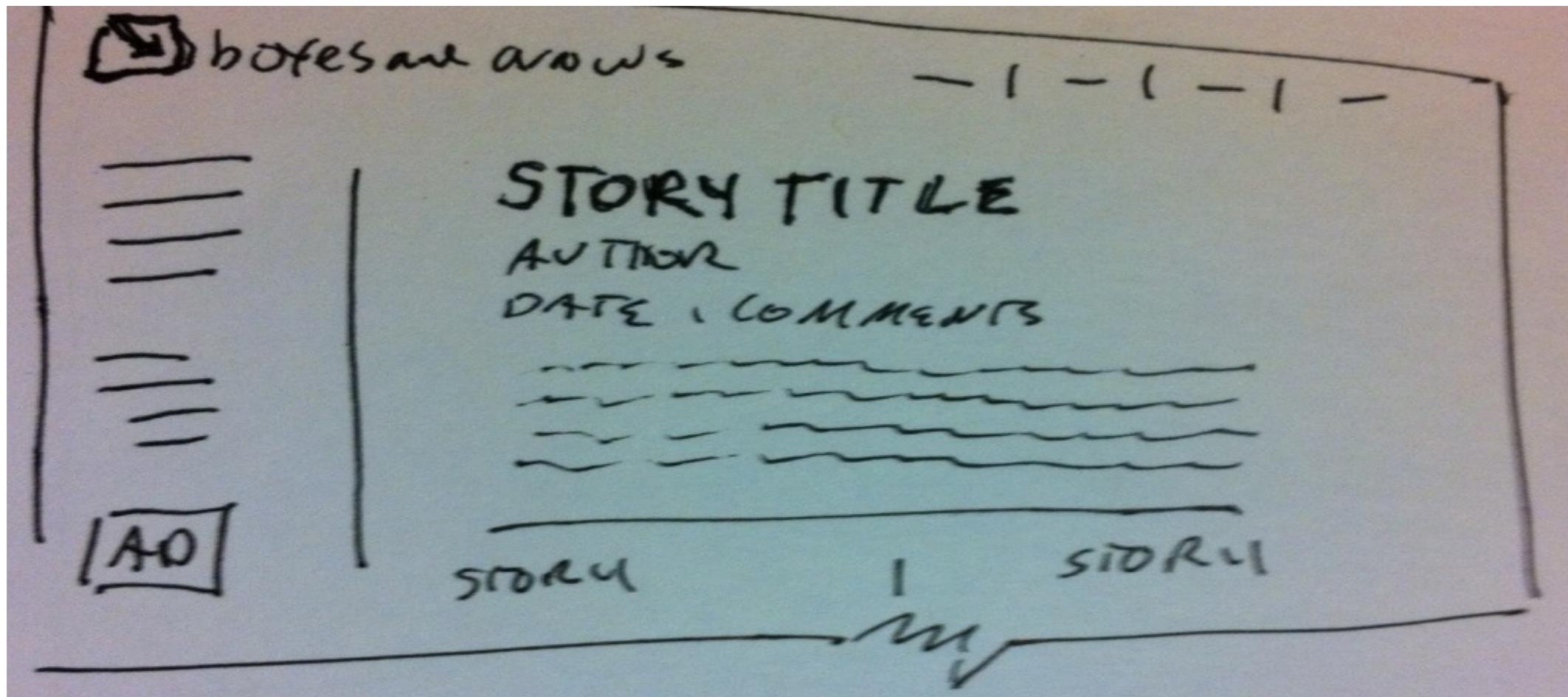


INTERFACE DESIGN IS A HUGE PART OF UX

- it's the first thing most people think of when they think of UX
- “UI/UX” designer
- so much of our work goes into determining:
 - what interfaces are needed
 - what each interface needs to do
 - how users move between interfaces

SKETCHING USER INTERFACES

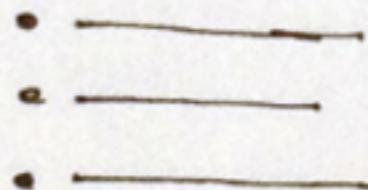
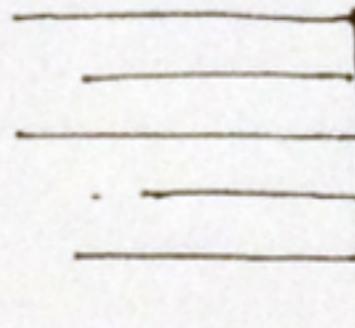
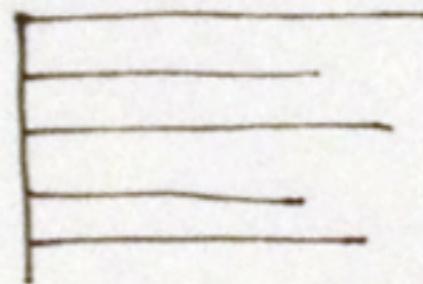
GLOBAL ELEMENTS



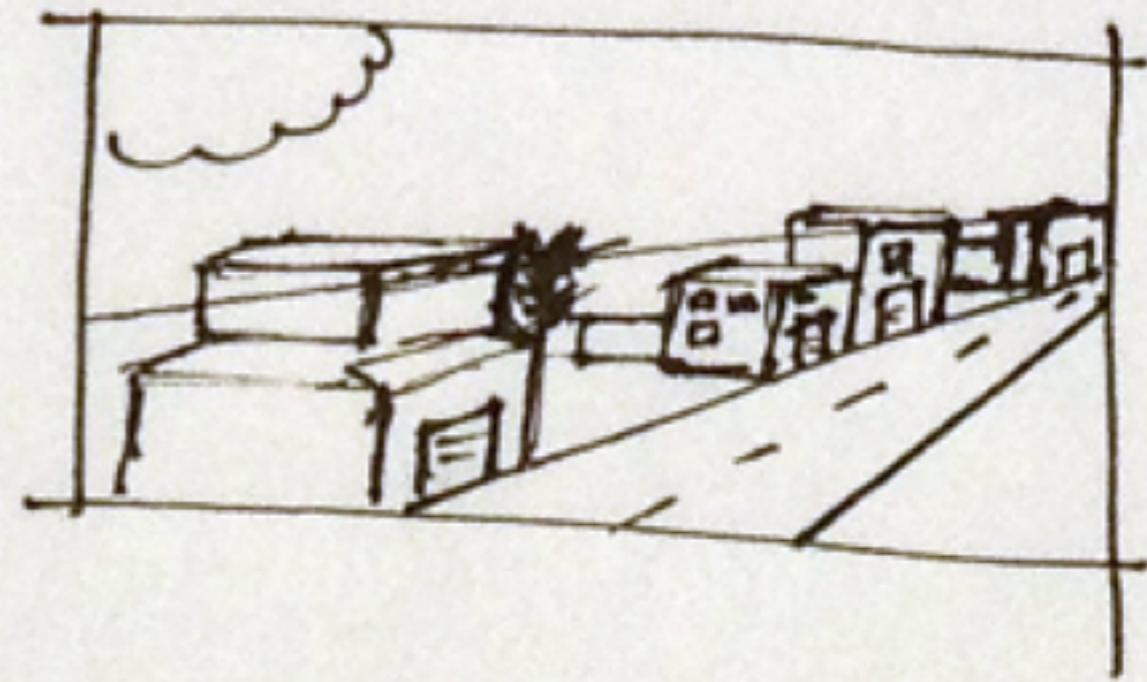
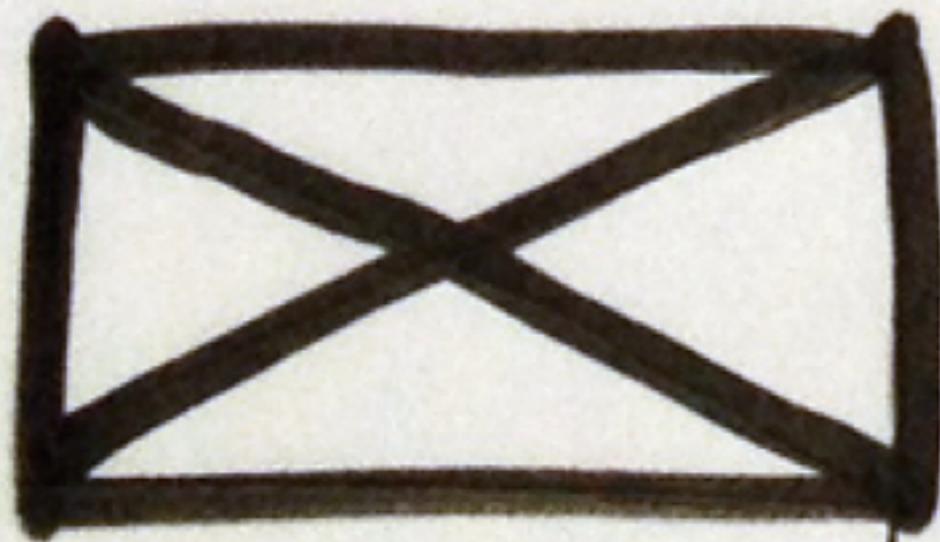
TEXT

HEADER EXAMPLE

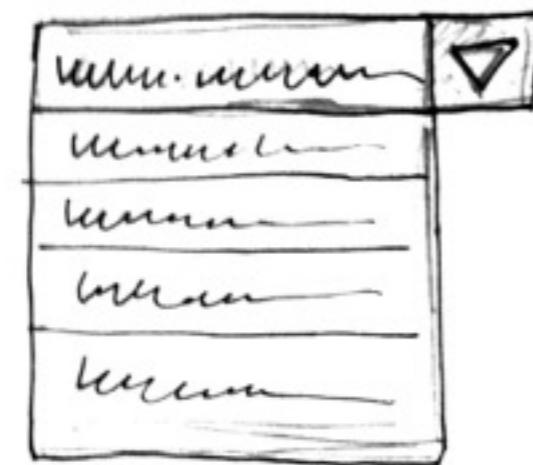
mm mm mm



IMAGES



FORM ELEMENTS



WWWW

WWWW

WWW

LAYER UP!

