

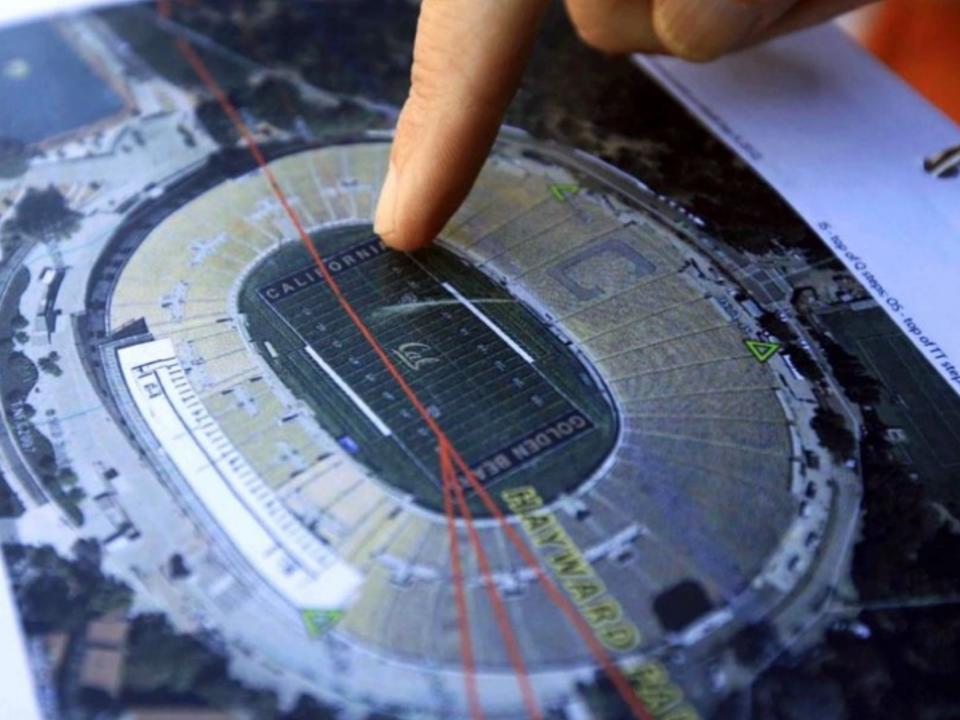
#### IN CLASS BRAINSTORM



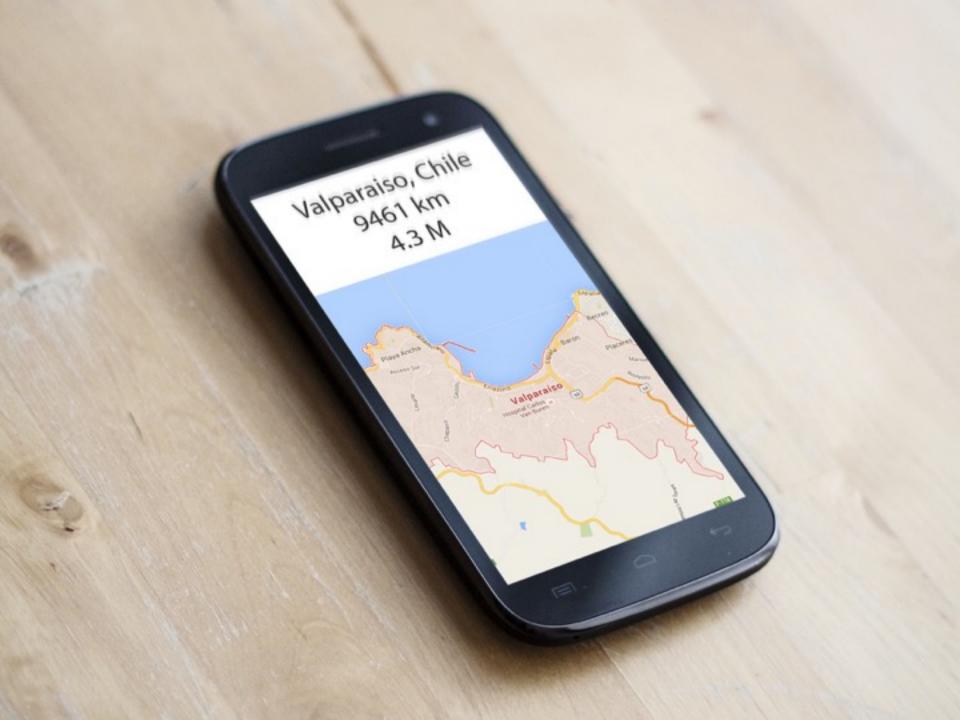




#### **PROG 02: YOUR FAULT**





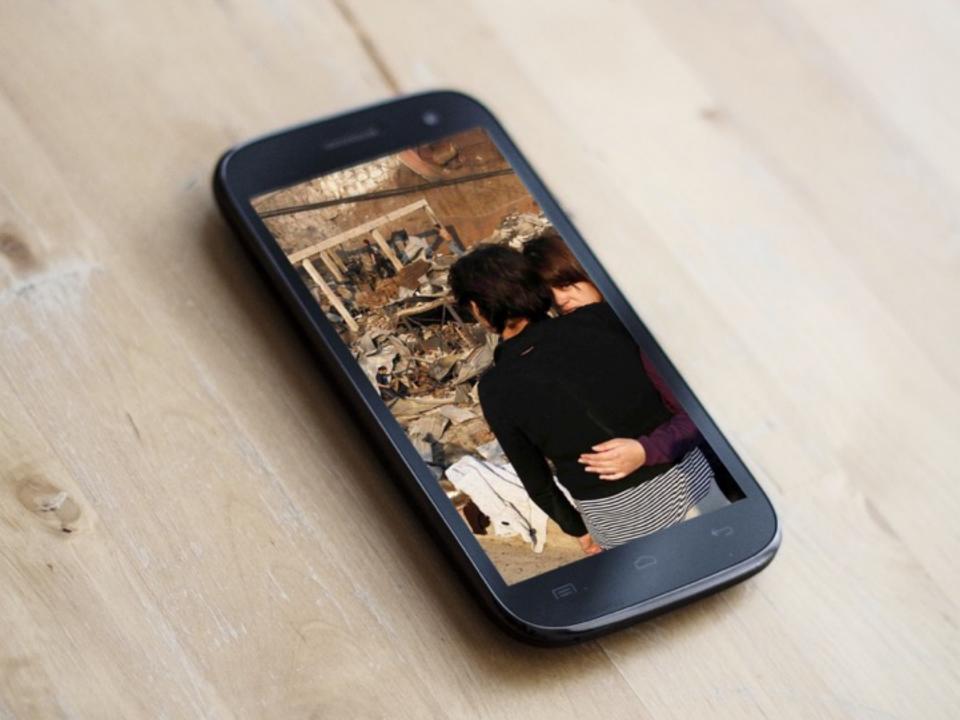






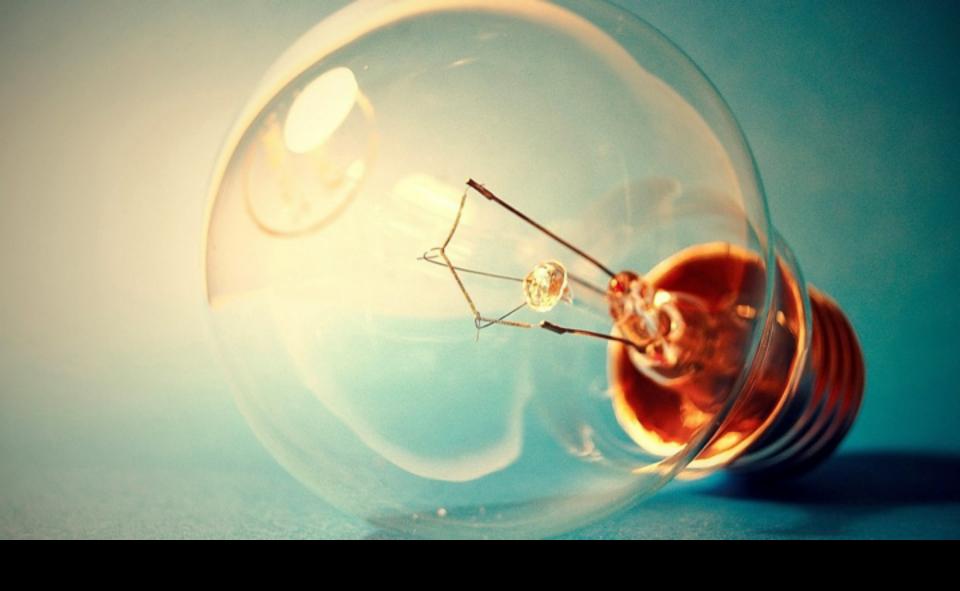


4.2M CARGO, CA 2.3M BASCO, NV 3.6M BREMAN GERMANY 5.2M LALIGUA 5.2M PAWNEE, OK





#### IN CLASS BRAINSTORM



# Final Project

#### **IDEO'S BRAINSTORMING RULES**

- 1. Sharpen the Focus
- 2. Playful Rules
- 3. Number your Ideas
- 4. Build and Jump
- 5. The Space Remembers
- 6. Stretch Your Mental Muscles
- 7. Get Physical

#### Aim for quantity

Hope for quality

### SHARPEN THE FOCUS

Posing the right problem is critical – neither too narrow, nor too fuzzy

Not "bicycle cup-holders" but "helping cyclists to drink coffee without accidents"



### **NUMBER YOUR IDEAS**

Obvious but very useful

Helps keep track of them when the brainstorm is successful (and 100 or more ideas are in play)

Allows ideas to take on an identity of their own

### **BUILD AND JUMP**

#### Build to keep momentum on an idea:

"shock absorbers are a great idea; what are other ways to reduce coffee spillage on bumps?"

Jump to regain momentum when a theme tapers out:

"OK, but what about hands-free solutions?"

### **CONCEPT REFINEMENT**

Premature idea rejection is a serious barrier to good design

Differentiator between good designers and great ones is the latter's ability to successfully develop unusual ideas

Requires a strong instinct to be able to distinguish fatal vs. minor flaws in an idea

### THE SPACE REMEMBERS

Covering whiteboards or papering walls with text is extremely useful in group work.

It's a very effective form of external (RAM) memory for group

Even better, its shared RAM. Helps group share understanding













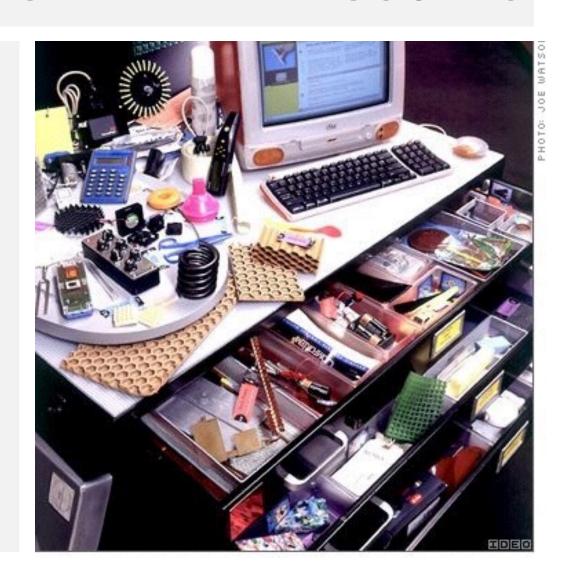


#### STRETCH YOUR MENTAL MUSCLES

Warm-ups: word games, puzzles

Get immersed in the domain: go visit the toy shop, or the bicycle shop, phone shop etc...

**Props:** Bring some examples of the technology to the brainstorm



### **GET PHYSICAL**

Sketch

Make models

Act out



# BRAIN STORMING RULES

FER JUDGEMENT COURAGE WILD IDE MLD ON THE IDEAS OF - 1 -

# BRAIN STORMING RULES

DEFER JUDGEMENT FNCOURAGE WILD IDEAS BUILD ON THE IDEAS OF OTHERS STAY FOCUSED ON THE TOPIC ONE CONVERSATION AT A TIME BE VISUAL

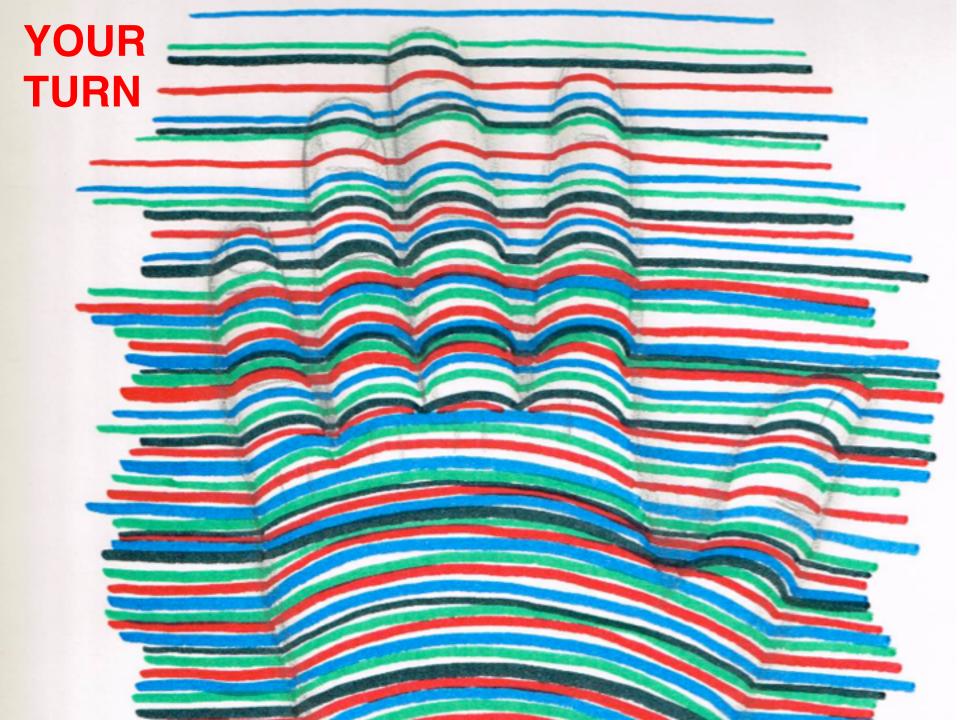
GO FOR QUANTITY

JUDGEMENT RAGE WILD IDEAS ON I DE OF OTHERS FO

# BRAIN STORMING RULES

DEFER JUDGEMENT FNCOURAGE WILD IDEAS BUILD ON THE IDEAS OF OTHERS STAY FOCUSED ON THE TOPIC ONE CONVERSATION AT A TIME BE VISUAL

GO FOR QUANTITY



# FUTURE HEADLINES 10 YEARS FROM NOW





#### [thefacebook]

home search global social net invite fag logout

quick search 90

My Profile [ edit ]

My Friends My Groups

My Parties My Messages

My Account My Privacy

Summer Jewish Adventure New York City



#### Brian Moore's Profile

Puget Sound

#### Picture



Send Brian a Message

Poke Him!

#### Connection

You are in a relationship with Brian.

#### Mutual Friends

You have 19 friends in common with Brian.

#### Access

Brian is currently logged in from a non-residential location.

#### Friends at Puget Sound







Kerala Hise

Jennifer McFadden

Amy Graeber

#### Information

Account Info:

 Name:
 Brian Moore

 Member Since:
 May 21, 2005

 Last Update:
 July 19, 2005

Basic Info:

School: Puget Sound '09

 Status:
 Student

 Sex:
 Male

 Residence:
 Todd 311

 Birthday:
 09/02/1986

Home Town: Shorewood, WI 53211
High School: Shorewood Hi '05

Contact Info:

Email: bmoore@ups.edu

Screenname: DoctaBu Mobile: 414.702.7426

Websites: http://www.doctabu.com

http://www.livejournal.com/users/doctabu http://www.flickr.com/photos/doctabu

Personal Info:

Looking For: Friendship Interested In: Women

Relationship Status: In a Relationship with

Rachel Buethe (Tiny Tykes Day Care)

Political Views: Very Liberal

Interests: Film, Graphic Design, Video Editing,

Computers, Bowling, Dancing, Acting, Singing, Listening to Decent Music,

Sleeping, Being Crazy

Favorite Music: Beck, The Beatles, They Might Be Giants,

Phoenix, Paul Simon, OutKast, Avenue Q, Radiohead, Red Hot Chili Peppers, Steely

## **2005** 5.5 million users







### **SMARTWATCH API NOW COMPARABLE WITH SMARTSHOE API**

### Atom tests 'affected IQ'



### WIFE-STEALING





### **MY.HEALTH SMARTWATCH ALERT SYSTEM NOW LEGALLY REQUIRED BY ALL HEALTHCARE PROVIDERS**

#### Atom tests 'affected IQ'



### WIFE-STEALING







### **TEENAGER BUSTED** BY HER OWN SMARTWATCH FOR UNDERAGE DRINKING

### Atom tests 'affected IQ'



### WIFE-STEALING





### NAME AND ADDRESS OF **DRIVE.ME SMARTWATCH APP** REQUIRED FOR CALIFORNIA **DRIVERS LICENSES STARTING IN 2025**

### Atom tests 'affected IQ'



### WIFE-STEALING





## COOK.ALERT SMARTWATCH APP REQUIRED BY ALL RESTAURANTS TO **COMPLY WITH NEW FOOD ALLERGY LAW**

#### Atom tests 'affected IQ'



### WIFE-STEALING





Find your group
Introduce each other

Each group writes 5+ headlines on large sticky pads (20 min)

# GROUP 01 — 24 310 JACOBS

GROUP 25 — 31 210 JACOBS

GROUP 32 — 38 220 JACOBS