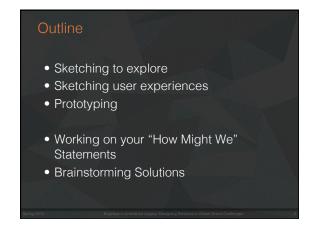
Instructors: Landay and Aitamurto

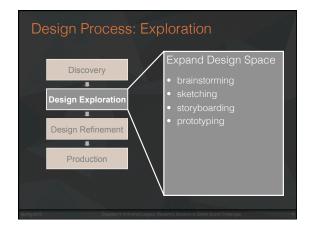
Stanford University

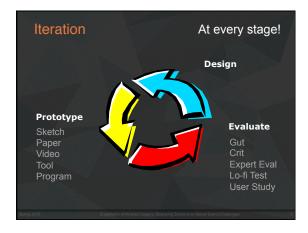
Spring 2015

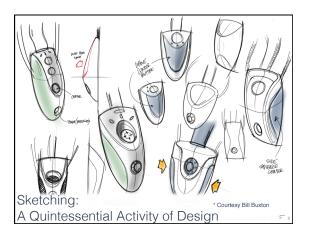








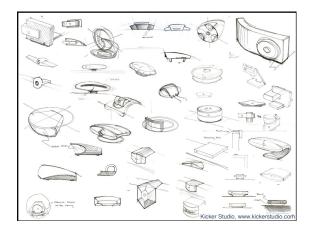


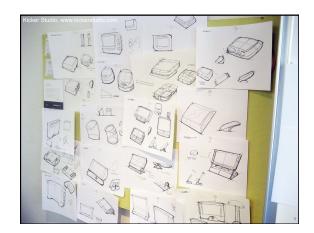


Instructors: Landay and Aitamurto

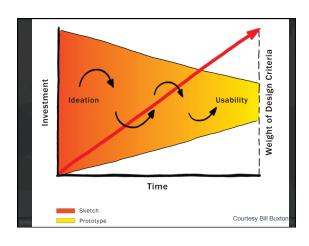
Stanford University

Spring 2015









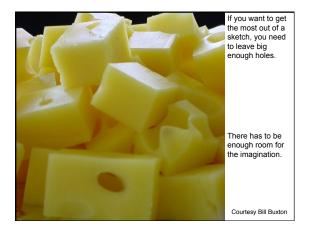
From Sketch to Prototype		
SKETCH	PROTOTYPE	
EVOCATIVE	> DIDACTIC	
SUGGEST -	DESCRIBE	
EXPLORE -		
QUESTION -		
PROPOSE -	> TEST	
PROVOKE -	> RESOLVE	
TENTATIVE -	> SPECIFIC	
NONCOMMITTAL -	> DEPICTION	Courtesy Bill Buxton

The Anatomy of Sketching • Quick / Timely • Inexpensive / Disposable • Plentiful • Clear vocabulary. You know that it is a sketch (lines extend through endpoints, ...) • No higher resolution than required to communicate the intended purpose/concept • Resolution doesn't suggest a degree of refinement of concept that exceeds actual state • Ambiguous

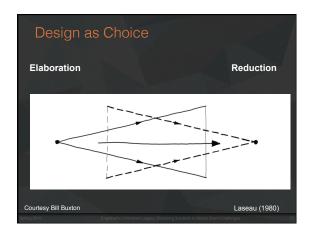
Instructors: Landay and Aitamurto

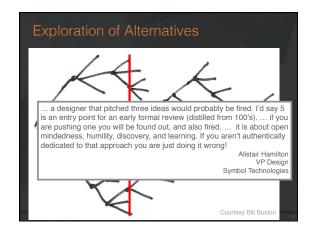
Stanford University

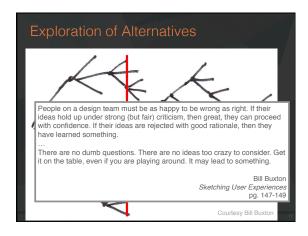
Spring 2015













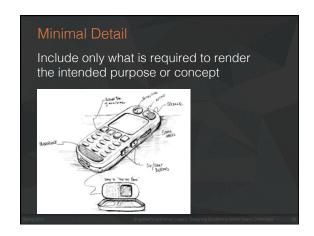
Instructors: Landay and Aitamurto

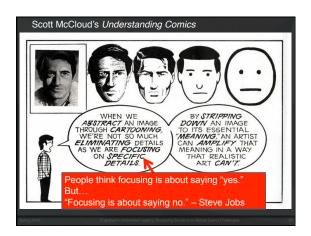
Stanford University Spring 2015

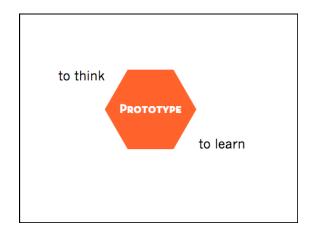








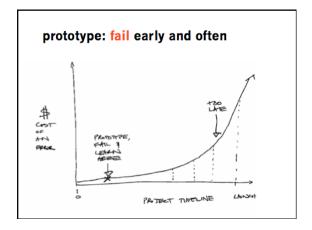




Instructors: Landay and Aitamurto

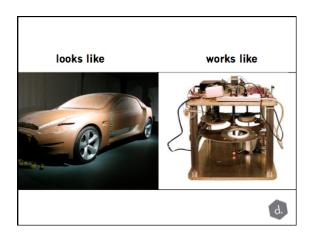
Stanford University

Spring 2015

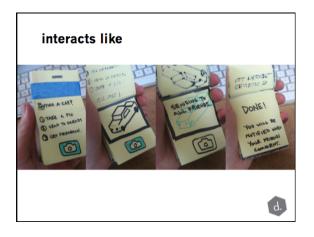


"You can use an eraser on the drafting table or a sledgehammer on the construction site."

- Frank Lloyd Wright, architect





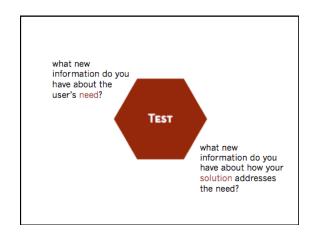


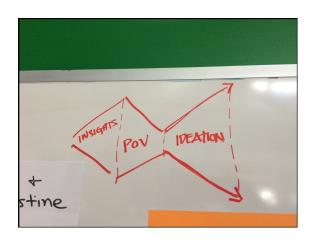


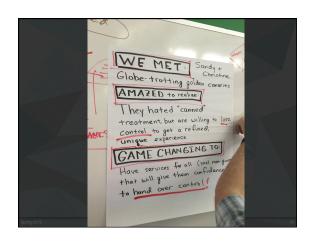
Instructors: Landay and Aitamurto

Stanford University Spring 2015

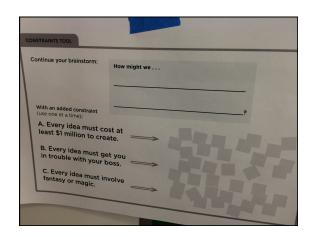






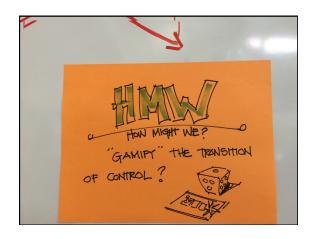






CS 377E: Design for Solving Global Grand Challenges Instructors: Landay and Aitamurto Stanford University Spring 2015









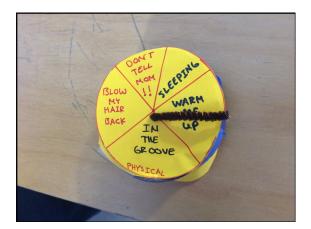


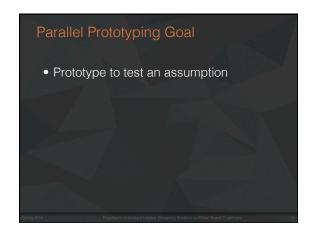


Instructors: Landay and Aitamurto

Stanford University

Spring 2015





Summary

- Sketching allows exploration of many concepts in the very early stages of design
- As investment goes up, need to use more and more formal criteria for evaluation

Next Time

- Lecture
 - Lo-fi Prototyping
 - In-class Ideation Exercise