CS 147 - HCID: User Interface Design, Prototyping, Evaluation, Autumn 2014 Prof. James A. Landay Stanford University









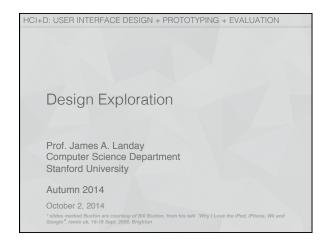


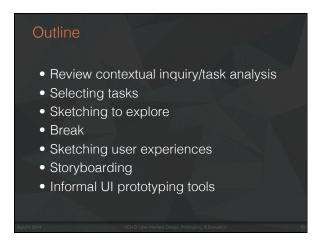


CS 147 - HCID: User Interface Design, Prototyping, Evaluation, Autumn 2014 Prof. James A. Landay Stanford University

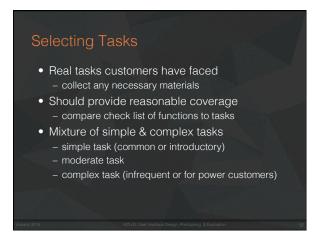


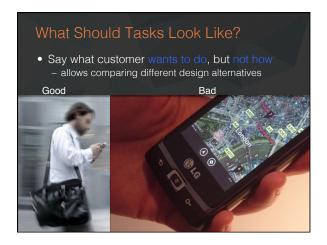


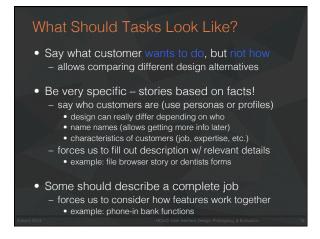


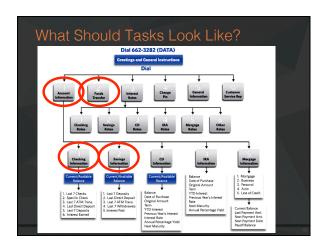


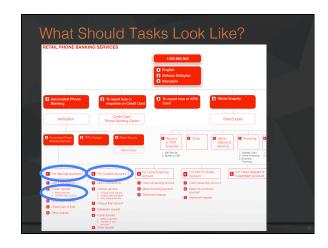












Write up a description of tasks
formally or informally
run by customers and rest of the design team
get more information where needed

Manny is in the city at a club and would like to call his girlfriend, Sherry, to see when she will be arriving a the club. She called from a friends house while he was on the subway, so he couldn't answer the phone. He would like to check his missed calls and find the number so that he can call her back.

Using Tasks in Design (cont.)

• Rough out an interface design

- discard features that don't support your tasks

• or add a real task that exercises that feature

- major screens & functions (not too detailed)

- hand sketched

- at least 30 sketches on the CI/TA assignment!

• Produce scenarios for each task

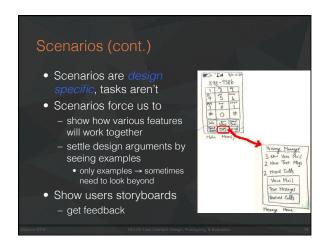
- what customer has to do & what they would see

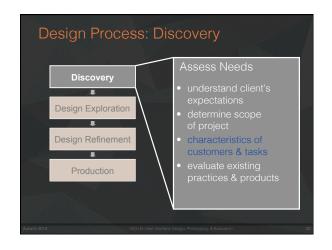
- step-by-step performance of task

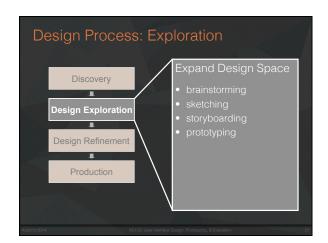
- illustrate using storyboards

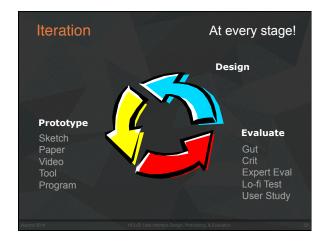
• sequences of sketches showing screens & transitions

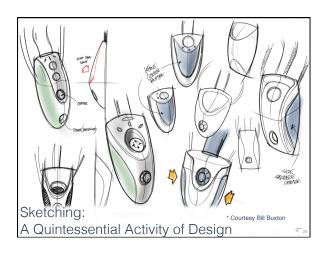
CS 147 - HCID: User Interface Design, Prototyping, Evaluation, Autumn 2014 Prof. James A. Landay Stanford University

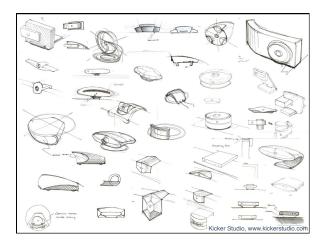




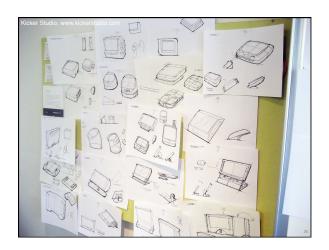




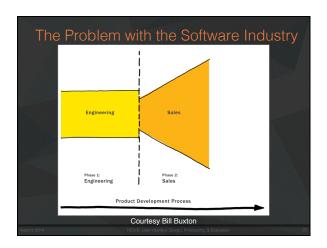


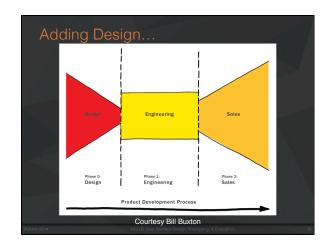


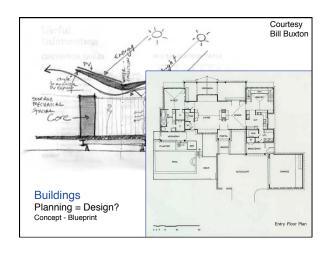
CS 147 - HCID: User Interface Design, Prototyping, Evaluation, Autumn 2014 Prof. James A. Landay Stanford University

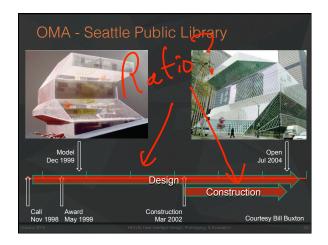




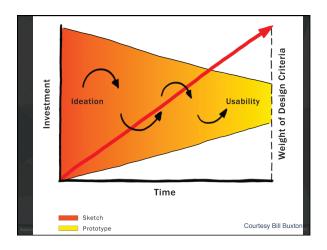


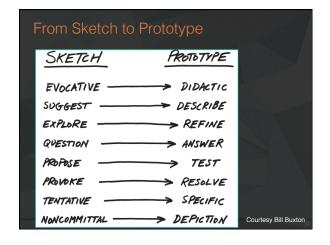


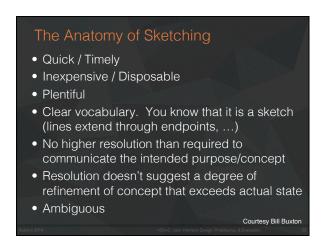




CS 147 - HCID: User Interface Design, Prototyping, Evaluation, Autumn 2014 Prof. James A. Landay Stanford University





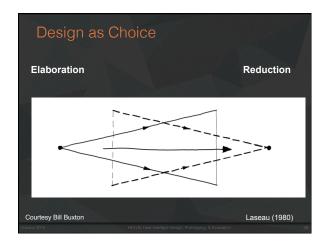


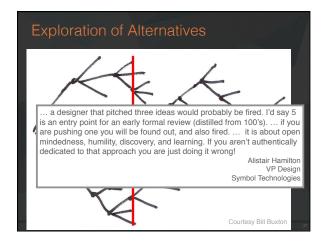


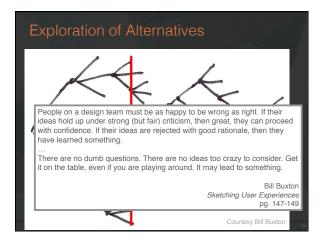
Sketching in Interaction Design

Analogous to traditional sketching
Shares all of the same key attributes
More feel than look
Must accommodate time & dynamics
Phrasing

Courtesy Bill Buxton











Friday studio this week is very important
 - Team Formation
 - If you are unable to attend, email your CA & Nicole Zhu & say why – you will need to fill out a survey by the time of your studio session (or earlier)!

 - If you are *not* taking the class, now is the time to let us know!

 - Questions on Hall of Fame/Shame assignment?

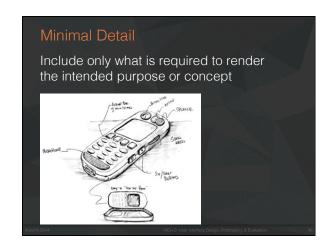


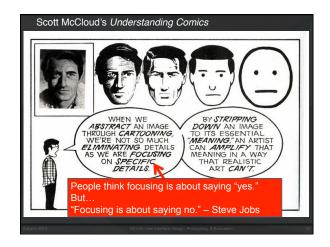
CS 147 - HCID: User Interface Design, Prototyping, Evaluation, Autumn 2014 Prof. James A. Landay Stanford University







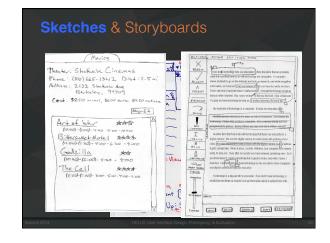


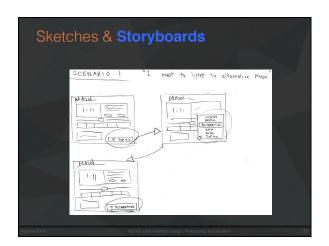


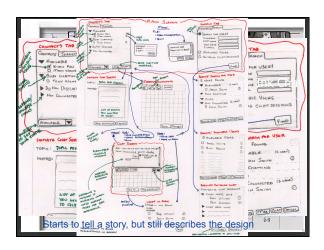


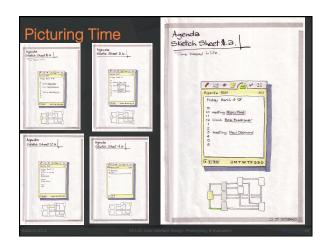
CS 147 - HCID: User Interface Design, Prototyping, Evaluation, Autumn 2014 Prof. James A. Landay Stanford University

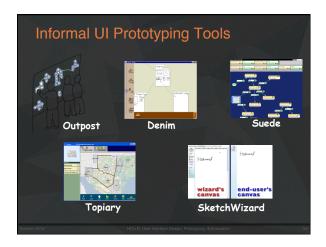


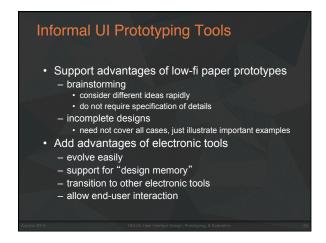


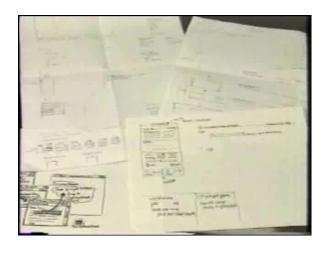


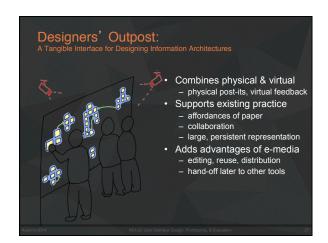




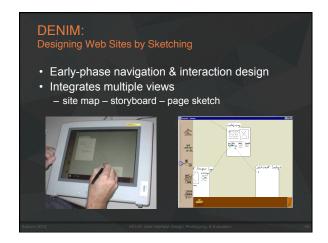


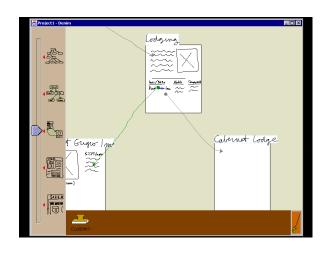


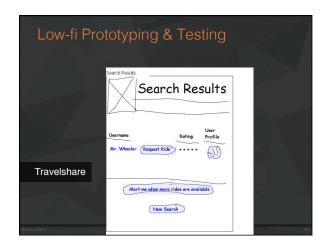












Summary Selecting tasks? real tasks with reasonable functionality coverage complete, specific tasks of what customer wants to do Sketching allows exploration of many concepts in the very early stages of design As investment goes up, need to use more and more formal criteria for evaluation Informal prototyping tools bridge the gap between paper & high-fi tools

