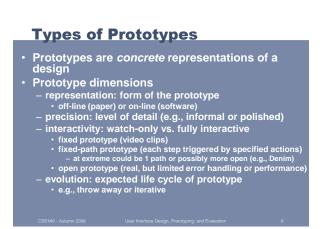
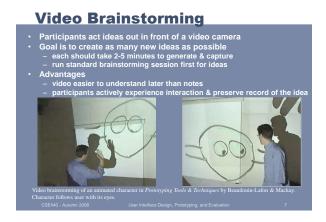


## Review Types of Prototypes Video Brainstorming Video Prototyping Forms of Video Prototyping Steps to Create Video Prototypes Tips & Tricks Introductions



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**Video Prototyping** 

- Illustrate how users will interact w/ system
- Unlike brainstorming, video prototyping contracts the design space
- Quick to build
- Inexpensive
- Forces designers to consider details of how users will react to the design
- May better illustrate context of use

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Forms of Video Prototypes

- May build upon paper prototypes or use existing software & images of real settings
- Narration optional
  - narrator explains events & others move images/illustrate interaction
  - actors perform movements & viewer expected to understand w/o voice-over
- Usually fixed prototypes, but can also use in open prototypes
  - live video as a Wizard of Oz tool & 2nd camera to capture
- If have good storyboards, should be able to create video prototype in 1 hour

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Wizard of Oz Video Prototype



## **Steps to Create a Video Prototype**

- 1) Review field data about users & work practices
- 2) Review ideas from video brainstorm
- 3) Create use scenario in words
- Develop storyboard of each action/event w/ annotations explaining what is happening in scene. Put each element on a card.

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## Steps to Create a Video Prototype



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## 





Add structure to better explain context
 begin with a title
 follow with an "establishing shot"
 shows user in context defined by the scenario
 create series of closeup & mid-range shots, interspersed with title cards to tell the story
 place a final card with credits at the end
 Use colored paper for title cards to make easy to find when editing/searching video
 "Time-lapse photography" lets images appear & disappear based on user interaction
 e.g., illustrate pop-up menu by recording clip of user pressing button, pause camera, add menu, restart camera
 Be careful about taking video out of the original design setting for ethical reasons (context matters)





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