

dt +UX DESIGN THINKING FOR USER EXPERIENCE DESIGN - PROTOTYPING - EVALUATION

CS 147 Overview

Design Thinking for User Experience Design, Prototyping & Evaluation

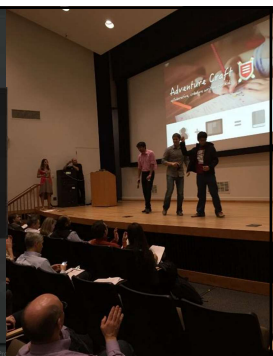
Prof. James A. Landay
Computer Science Department
Stanford University

Autumn 2018
December 7, 2018

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Outline

Course overview	6:30-6:45
Project presentations	6:45-7:30
Posters/demos/judging	7:30-9:15
Awards	9:15-9:30




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Balance



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Design Thinking Process



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Goal of CS 147

Learn to design, prototype, & evaluate UIs


- Tasks, activities & practices of prospective users
- Cognitive/perceptual constraints affecting design
- Techniques for brainstorming, ideation & prototyping
- Methods for evaluating UI designs
- Importance of iterative design for usability
- Technology used to prototype UIs

• How to work together as a team
• Communicating results to a group

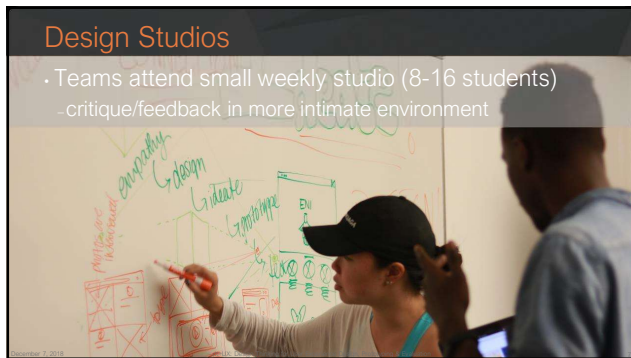
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Project Based Course

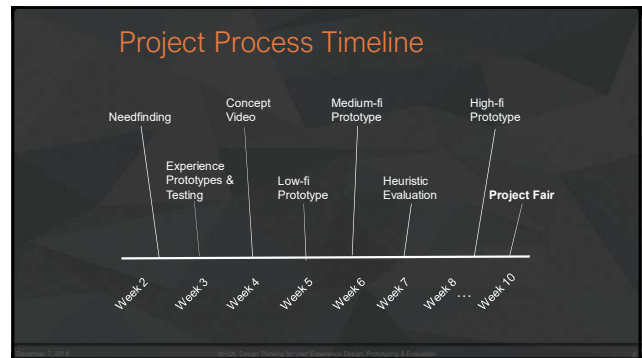
- Iterative design of a real UI
- Theme: mobile
- Quarter long projects
- Students
 - 166 across CS, Symbolic Systems ...
- 43 Teams
 - 3-4 members
- 10 major group assignments
 - group work is 60% of course grade
- Four presentations
 - every team member presents



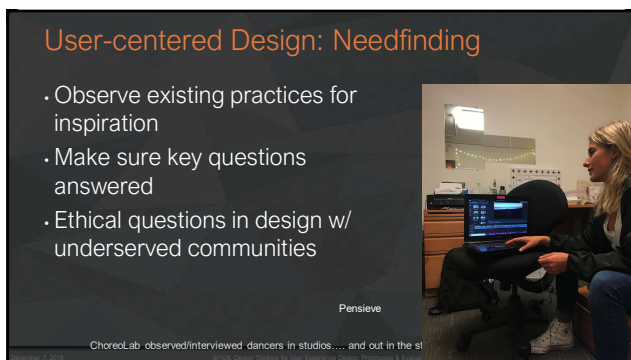
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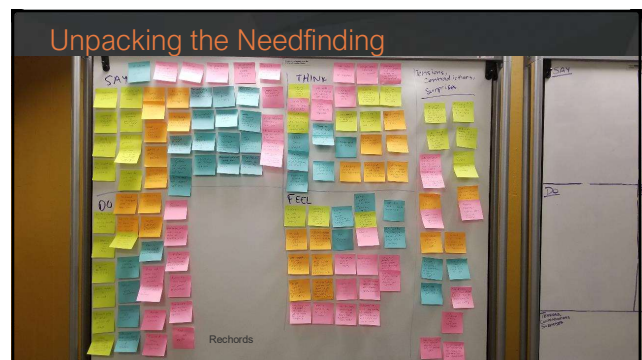
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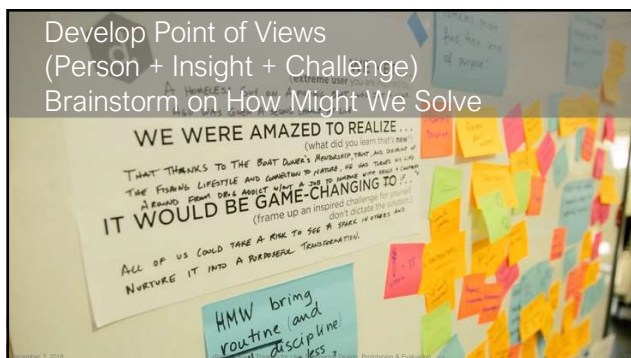
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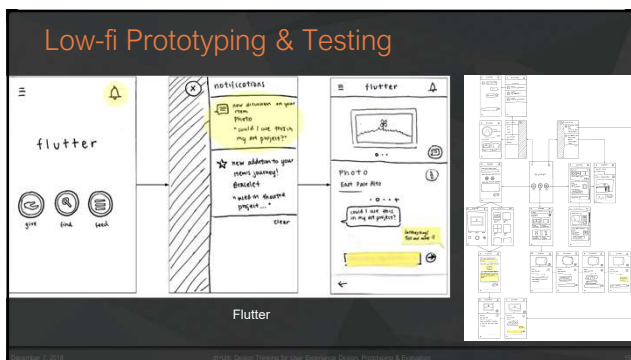
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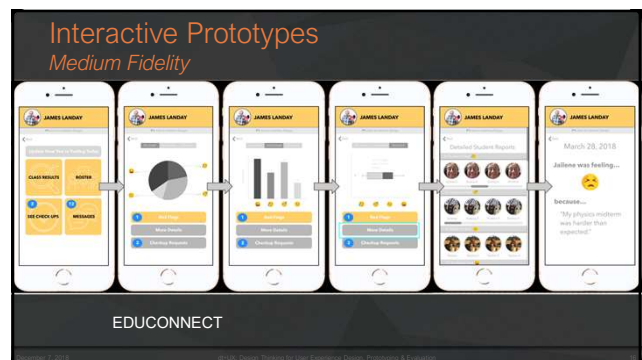
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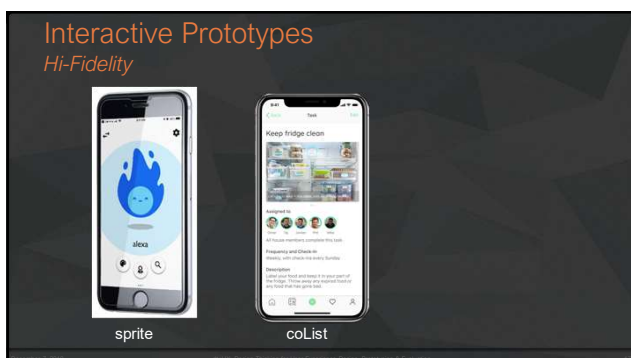
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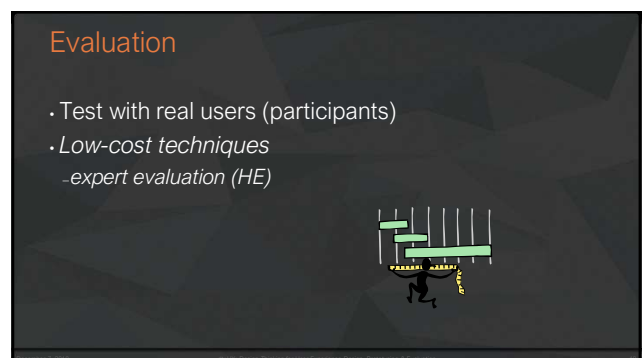
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<http://cs147.stanford.edu>

- Project web sites w/ all materials
- Lecture topics, slides, & video
- Homework assignments

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The Projects

- 15-18 Judges will be picking the best projects (announced at 9:15 PM)
- Students will have a say by voting for *The Students Choice Award*
<http://bit.ly/cs147au18student>

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Thanks! Get Involved!

- Team mentors in
 - CS 194H (Winter Quarter)
 - dt+UX for Global Challenges in d.School (Spring)
- Hire students and interns
- Support this project fair financially & HCI+Design research at Stanford

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The Judges

· Chok Fung Lai	· Ed Luso
· Rocky Yu	· Karin Vaughan
· Casey Tong	· David Chiang
· Pablo Paredes	· James Cham
· Thenmozhi Shanmugam	· JP Tran
· Dhruv Washishth	· Renee Reid
· Slamak Ashrafi	· Jason Yan
· Fernanda Castelo	· Erin Eng
· Sagar Savia	· Sarah Limb
· Bay Chang	· Anna T

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THANK YOU!

Bloomberg BETA

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The Projects

The Students Choice Award
<http://bit.ly/cs147au18student>

We are checking your attendance based on this and on Bingo!

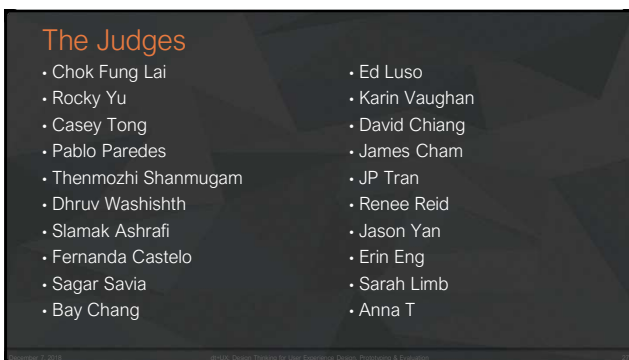
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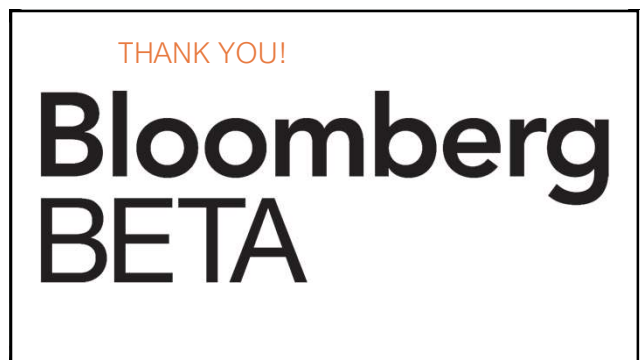
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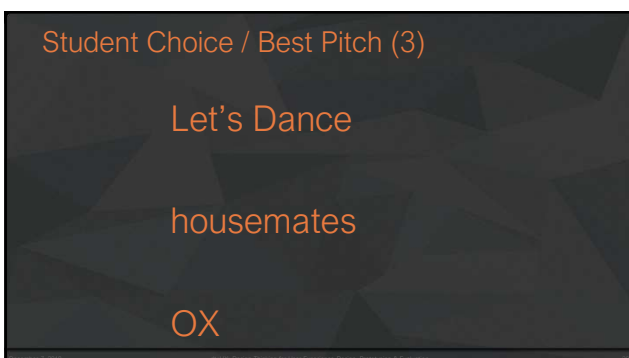
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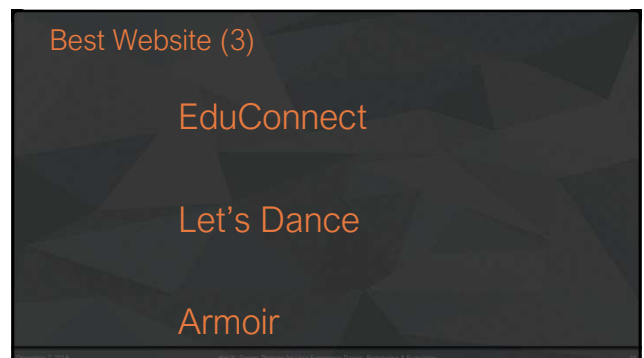
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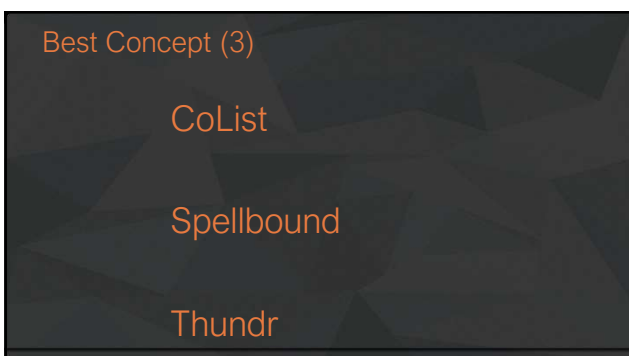
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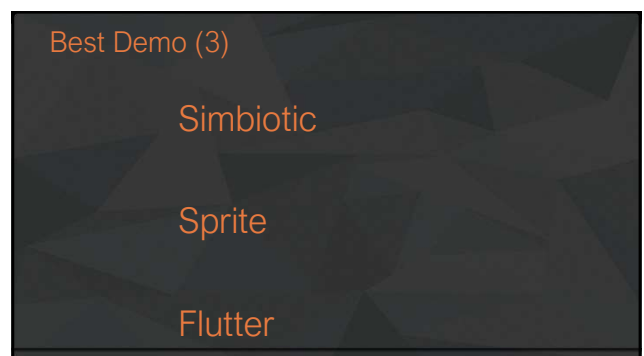
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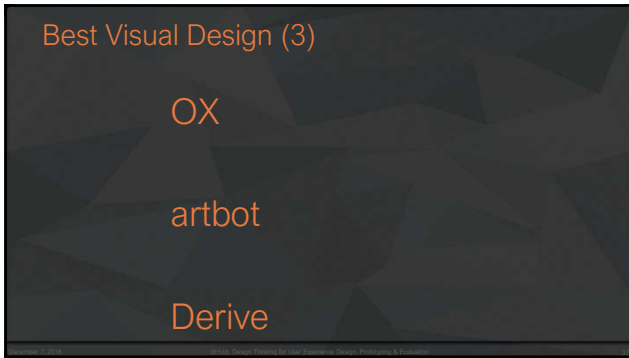
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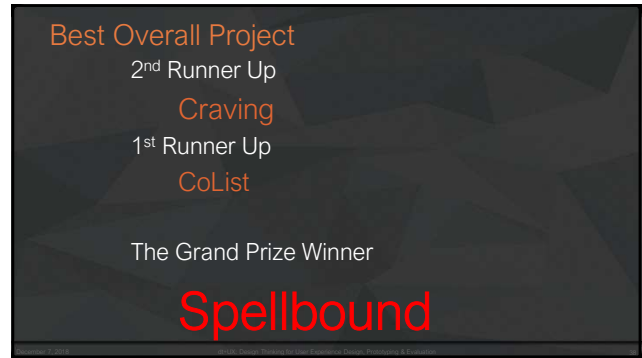
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