KAIST Spring 2025

CS374: Intro to HCI

hci.cstlab.org

Class 02:
Design Thinking: 60-min Workshop

2023.02.27

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ADMINISTRATIVE NOTES

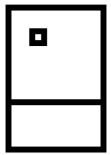
- By MONDAY
  - Course sign-up! This is a mandatory form IN ADDITION TO portal registration to be officially enrolled in the course.
- 3/5 (Tue)
  - Pre-class reading: Needfinding

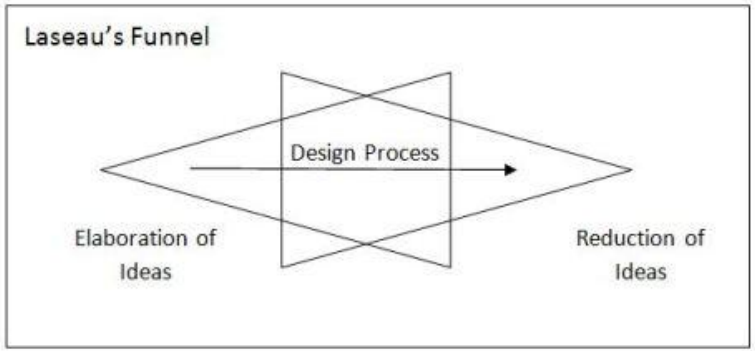
PRE-CLASS READING

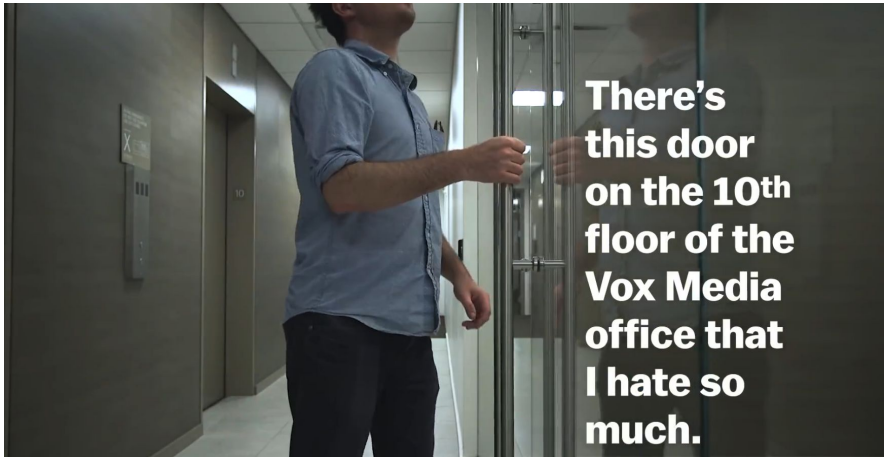
- Each reading link will be posted on the course website.
- Annotate & Discuss: Share examples, disagree with the notes, ask questions, find typos, etc.
- Use your real name.
  - We track your participation.

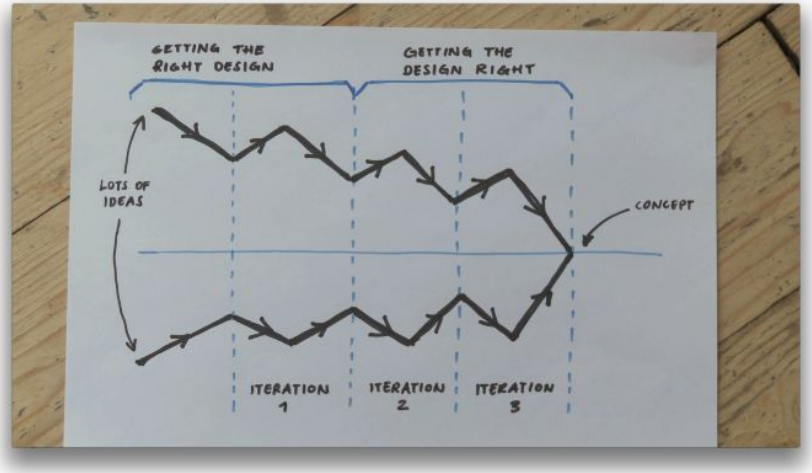
PREVIOUSLY ON CS374

useful
usable









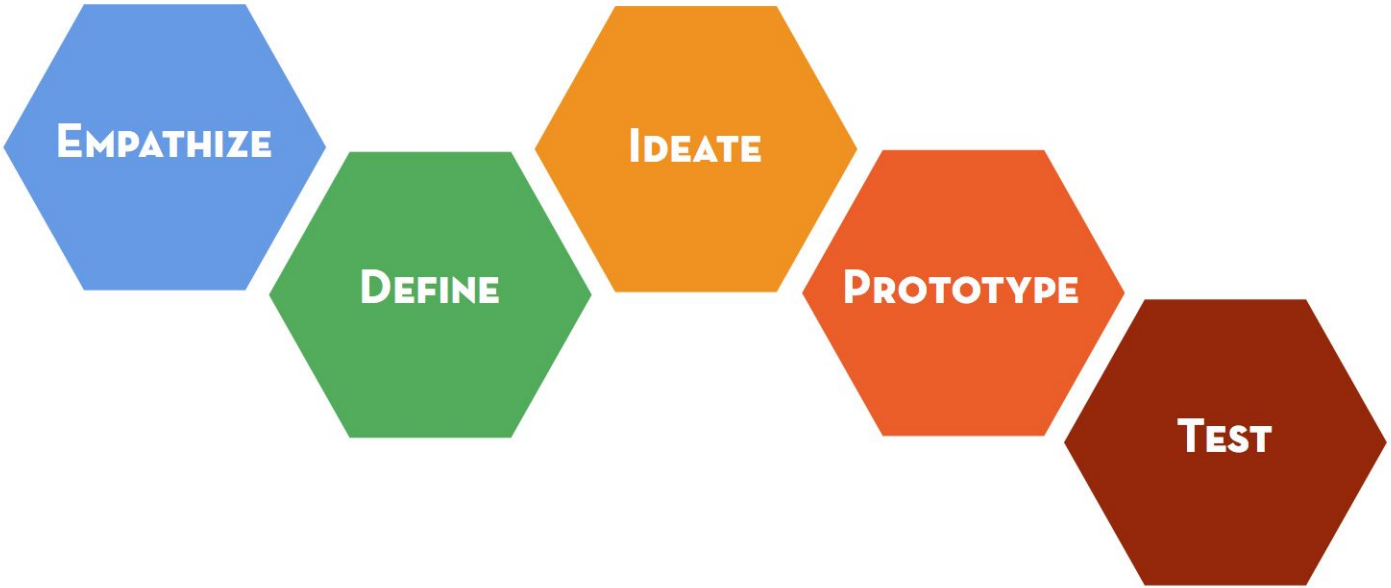
LEARNING OBJECTIVE

"You'll master the skills to design useful and usable interfaces that are carefully catered to users' needs."

60-MIN DESIGN THINKING WORKSHOP

- Entire semester into an hour!
- Rapid run-through of the entire design process
- Will feel rushed & interrupted, but it's okay
- Trust the process

- Credit: Stanford d.school


Empathize
Define
Ideate
Prototype
Test

THE TASK

Redesign your partner’s gift-giving experience

STEPS

1. A interviews B, B interviews A
2. A re-interviews B, B re-interviews A
3. (Each) Synthesize your findings
4. (Each) Write a problem statement
5. (Each) Sketch 5 solutions
6. B gives A feedback, A gives B feedback
7. (Each) Revise your sketch, build a “Prototype”
8. B gives A feedback, A gives B feedback

OUTCOME

- Filled out worksheet, including insights and a “prototype”

NOTE: It’s okay to do in-class activities like this one in English OR Korean.

EMPATHIZE

1.

A interviews B

EMPATHIZE

1.

B interviews A

EMPATHIZE

2.
A interviews B
again

EMPATHIZE

2.
B interviews A again

EMPATHIZE

3.
Synthesize needs & insights

0:00

DEFINE

4.
Write your Problem Statement

0:00

IDEATE

5.
Sketch 5 solutions

TEST

6.
B gives A feedback on sketches

TEST

6.
A gives B feedback on sketches

ITERATE & PROTOTYPE

7.& 8.
Revise your sketch
& Build your solution

TEST

9.
B gives A feedback on prototype

TEST

9.
A gives B feedback on prototype

WRAP-UP

- If you couldn't complete every step, please finish at least the following:
  - Your prototype sketch
  - Your problem statement
  - One line solution description

- Discussion on Campuswire is welcome!