

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.

USUAL CLASS STRUCTURE

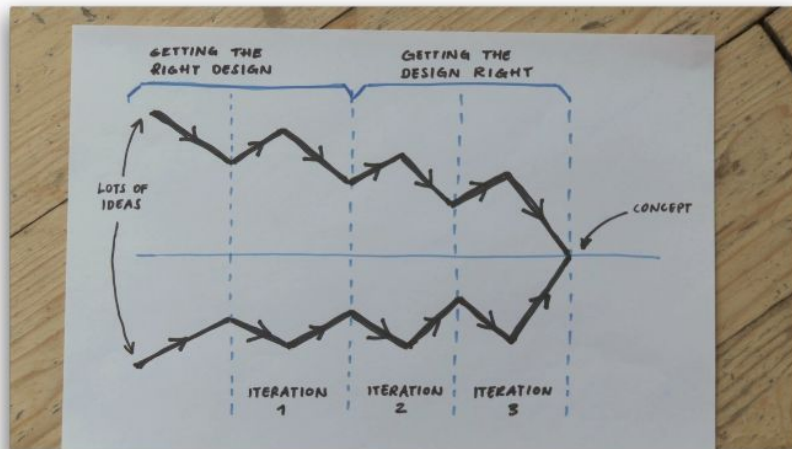
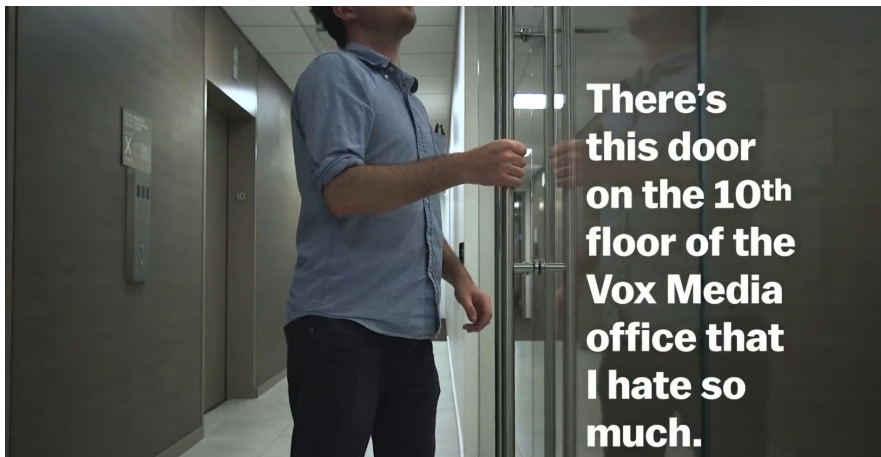
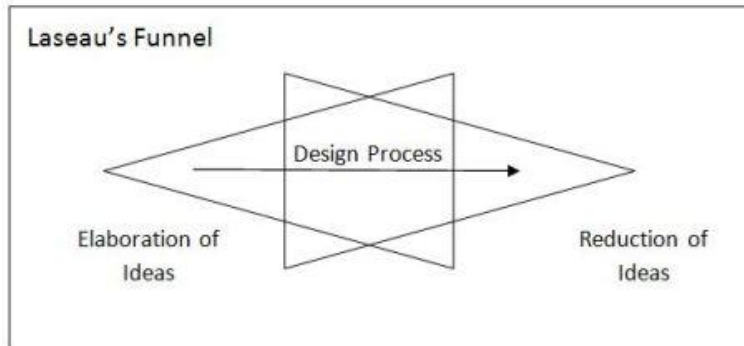
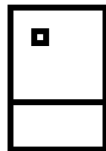
- Before class: Read, watch pre-class material
- 5 min: Nanoquiz
- 30 min: Activity & Discussion 1
- 5 min: Video break
- 30 min: Activity & Discussion 2
- After class: Campuswire discussion

TODAY'S CLASS

- ~~• Before class:~~ ~~Read, watch pre-class material~~
- ~~• 5 min:~~ ~~Nanoquiz~~
- 60 min: Activity & Discussion 1
- ~~• 5 min:~~ ~~Video break~~
- ~~• 25 min:~~ ~~Activity & Discussion 2~~
- After class: Campuswire discussion

PREVIOUSLY ON CS374

useful
usable



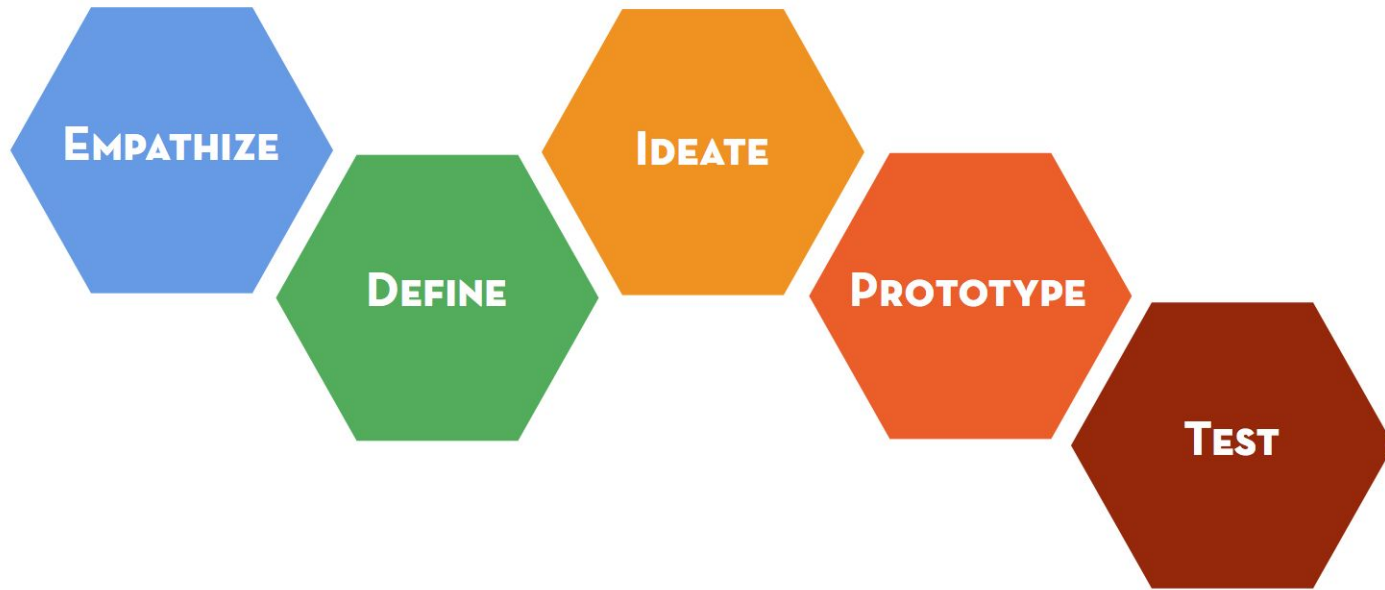
LEARNING OBJECTIVE

"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



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 POV
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

DEFINE

4.

Write your POV

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 by at least including the following on your slides:
 - Your prototype sketch
 - Your problem statement
 - One line solution description
- Discussion on Campuswire is welcome!