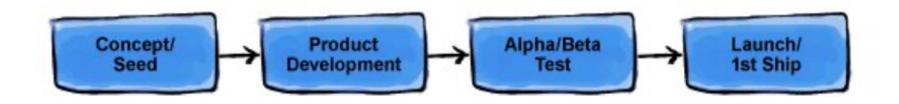
Thinking as a Designer

Shan-Hung Wu & DataLab CS, NTHU

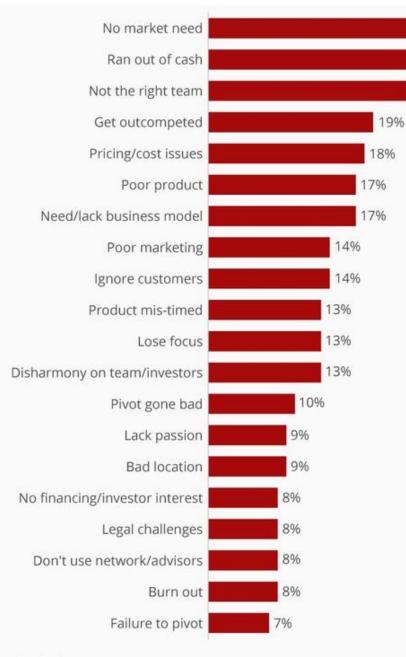
The Path to Disaster





Let's imagine:

You have finally launched your product...



Tops Reasons Startups Fail

- Not strong competitors
- Not wrong pricing

42%

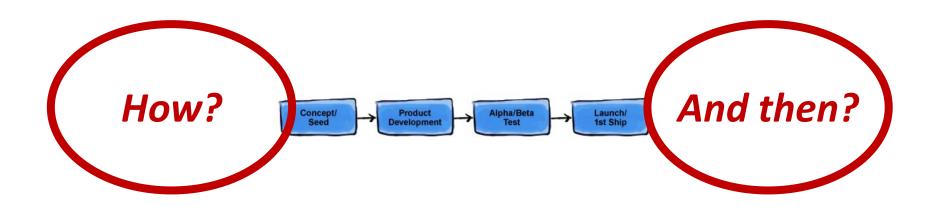
29%

23%

Not poor product



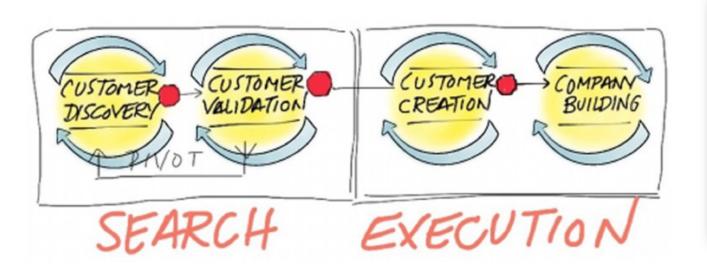
What's Wrong?



- No, your don't have a really good idea or spec
- No, your user/customer will not come automatically

What would you do in the beginning?

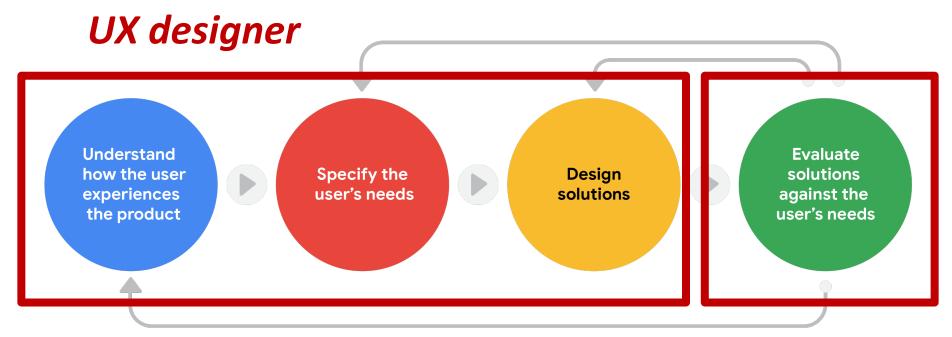
Iterate Eeverything





Iterate, learn, and then improve (or pivot)

(Iterative) User-Centric Design Process



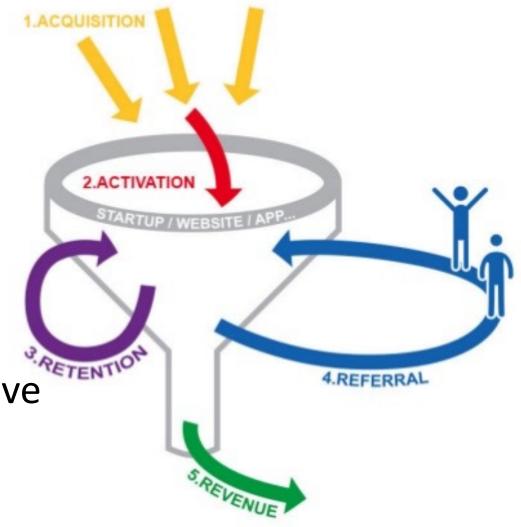
UX researcher

You play both roles in this class

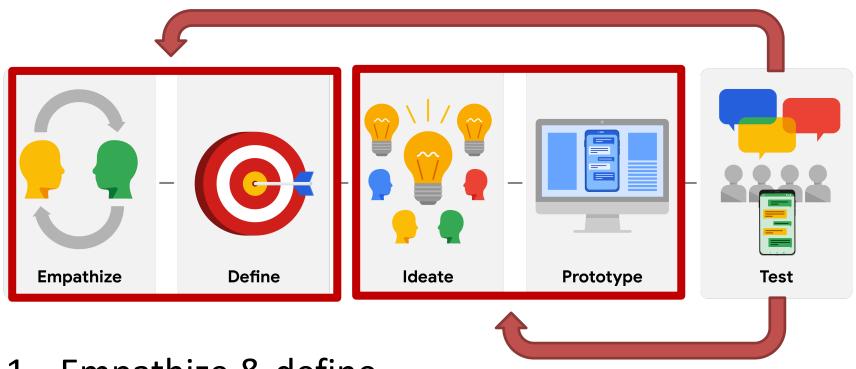
(Iterative) Lean Execution

- User funnel
 - Acquisition
 - Activation
 - Retention
 - Referral
 - Revenue

Iterate to improve the funnel



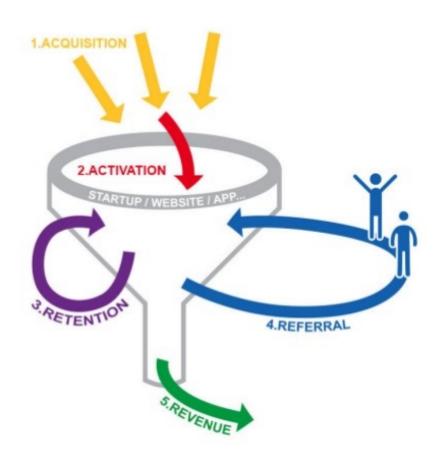
Outline for Parts I & II



- 1. Empathize & define
 - Understand user's needs and define the problem to solve
- 2. Ideate & prototype

Outline for Parts III & VI

- 3. Design for retention & growth
- 4. Using data
 - Analytics
 - Intelligence



What is a Good UX?

- Usable
 - Is the product easy to use?
- Equitable
 - Can the product be used regardless of background, gender, race, or ability?
- Enjoyable
 - Does the product create a positive connection with users?
- Useful
 - Does the product solve user problems?

Note: Users ≠ End Users

- Users
 - Any person who uses a product
- End users
 - Specific audience you create product for

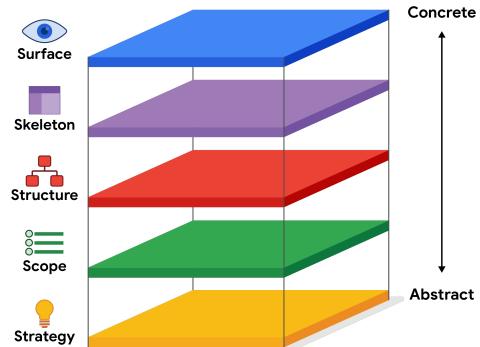
A good UX makes the end users happy

Note: UX ≠ UI

- Strategy
 - How to help users reach their goals?

— How to reach marketing or business goals?

- Scope
 - What features to include?
 - What not to?
- Structure
 - Navigation system?
 - Transitions?
 - Notifications?
- Skeleton
 - Layout of each page/screen?



Assignment: End Users & Personas

- 1. Select a topic
- 2. Download and try out relevant apps
- Describe your hypotheses about the end users using FigJam
 - It's free for students
 - Follow the "User research activities" template



Come out 3 Personas

- Architype
- Background
- Motivations
- Goal & needs
- Frustrations
- Channel
- Scenario

Persona



ARCHETYPE	A title to describe the person based on their actions, for example "The Hobbyist", "The Adventurer", "The Specialist"
BACKGROUND	Frame your user a bit with some more information. Identify their age, gender, location, habits, or profession.
MOTIVATIONS	What motivates the person to use this product?
GOALS & NEEDS	What does the user want to accomplish?
FRUSTRATIONS	What is standing in her way?
CHANNEL	Through which channel can we reach the user? Which websites, apps, stores, social media?
SCENARIO	Write out a description of the scenario or activity involving your user.

What Topics?

- Study apps
 - Flashcards
 - Focus or Pomodoro techniques
- Habit-forming apps
 - Daily planner, to-do lists
 - Exercise / fitness
 - Tracking / motivation
- Meditation / calming apps
- Or any topic interesting to you and classmates