

The User Interface Design Process



Part 2



Designing for People: The Seven Commandments

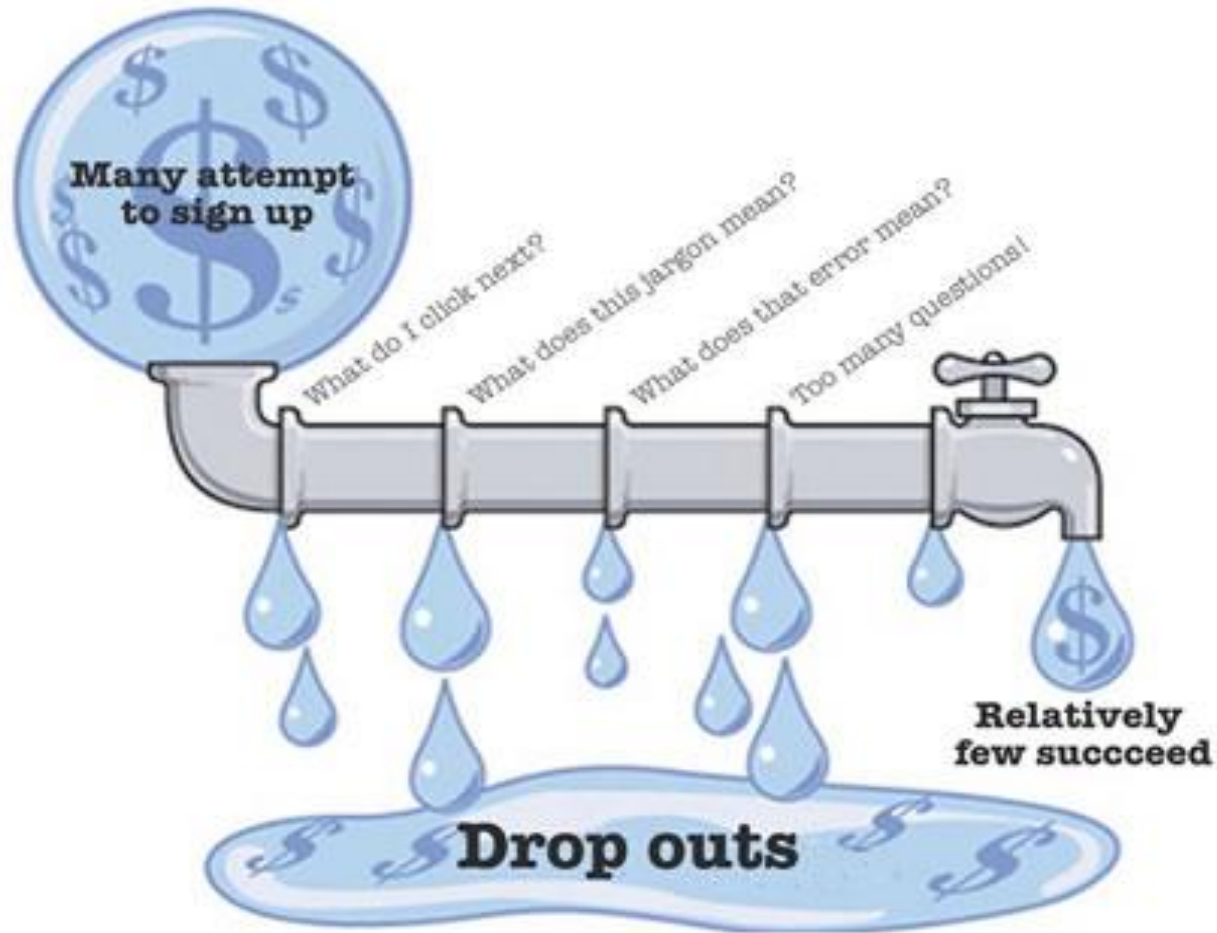
1. Provide a multidisciplinary design team
2. Solicit early & ongoing user involvement
3. Gain a complete understanding of users & their tasks
4. Create the appropriate design
5. Perform rapid prototyping & testing
6. Modify & iterate the design as much as possible
7. Integrate the design of all the system components.



Usability ?

- A quality attribute that assesses how easy a user interface is to use.
- Also refers to methods for improving ease-of-use throughout the entire design process.

Usability (cont.)





5 quality components of usability

- Learnability
- Efficiency
- Memorability
- Errors
- Satisfaction



Why usability is important?

- One of the most important qualities of an interface
- Discretionary use (Web sites)
- Mandatory use (business app)



Usability vs. Utility ?

- Utility refers to a system or product's functionality.
- Does it do what people want it to do?





How to assess usability?

- Table II.1 (p.70/101)