

웹앱 설계

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WebApp Design

- Two basic approach to Web design

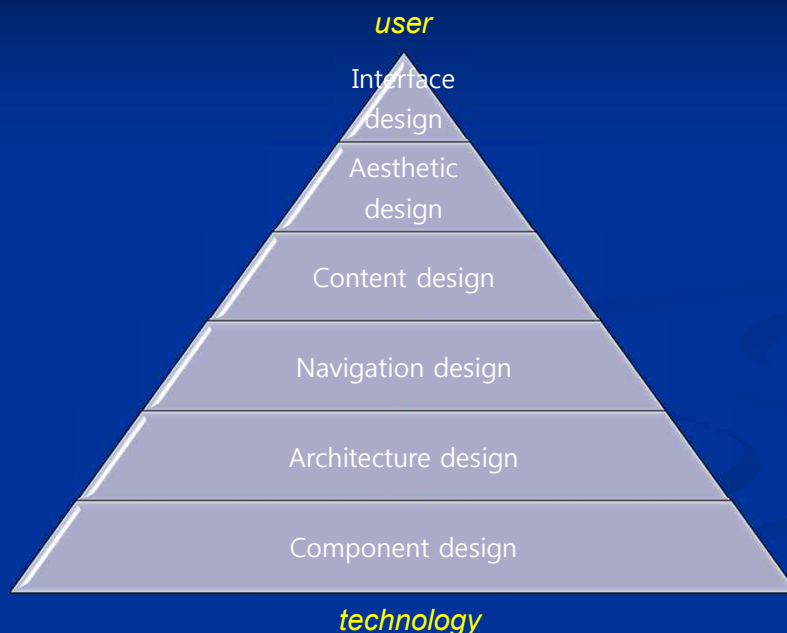
Artistic ideal (예술성) > ?
 < ? Engineering ideal (기능성)



WebApp Design Quality

- Usability – understandability, aesthetics,...
- Functionality – searching, retrieving, navigating, browsing,...
- Reliability – correct linking, error recovery, input validation,...
- Efficiency – response time, page/graphic generation speed,...
- Maintainability – correction, adaptability, extensibility,...
- Security – protection from cyber-attack,...
- Availability – percent of available time for use,...
- Scalability – possible number of users, tasks,...
- Time to market – quality from business point of view,...

WebApp Design Pyramid (1/3)



WebApp Design Pyramid (2/3)

- Interface Design
 - establish a consistent window into the content and function
 - guide a series of interactions
 - organize navigation options and content
- Aesthetic Design
 - artistic endeavor that complements the technical aspects
 - embraces a visceral as well as intellectual level
 - color, layout, text font & size, graphics, etc.
- Content Design
 - defines layout, structure and outline for all content
 - establish a relationship between content objects

WebApp Design Pyramid (3/3)

- Navigation Design
 - represent the navigational flow between content objects
- Architecture Design
 - identifies overall hypermedia structure encompassing both content architecture & WebApp architecture
- Component Design
 - develop detailed processing logic required to implement functional components for a complete WebApp function