Final Exam Discussion

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Final exam format

- Time: 90 minutes
- Types of questions
  - Date: 22/6
  - Multiple choice
  - Single choice
  - Free text
  - Calculation
  - Etc.
- Open book
- No laptops or mobile devices allowed

Topics

- All of the topics covered in the class!!!

Topics

- **Usability dimensions**
  - Learnability
  - Efficiency
  - Memorability
  - Errors
  - Satisfaction

Topics

- Learnability and memorability
  - Human memory
  - Models
  - Learnability principles
    - Affordances
    - Natural mapping
    - Visibility
    - Feedback
    - Consistency
    - Metaphors
    - Standards
    - Speak users' language
    - Etc.

Topics

- **Efficiency**
  - ❑ Make often-used targets big
  - ❑ Group targets
  - ❑ Frequently-used items first
  - ❑ Keyboard shortcuts and accelerators
  - ❑ Predefined groups of styles
  - ❑ Use defaults
  - ❑ Keep history
  - ❑ Auto suggestion, auto completion
  - ❑ Etc.

Topics

- Design processes
  - Spiral
  - Iterative design
  - User-centered design (UCD)
- User and task analysis
  - User profile/characteristics
  - Task analysis
    - Model tasks
      - Goal
      - Precondition
      - Subtasks
    - Evaluate and refine
  - Domain analysis

Topics

- Prototyping

- Graphic design

- Web and Mobile design

- Tools

- Interaction styles

- Evaluation
  - Heuristic evaluation (usability review)
  - User testing (usability testing)
    - Field studies
      - Google Analytics
    - Controlled experiment
    - Formative evaluation