

What Do We Know?

(13 & 14-OOD Pre-read)

- Pre-read Discussion (pairs)
 - Ch 13 Intro HCI Design
 - Ch 14-OOD Case Study: TUI
 - Characteristics of a good User Interface?



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Slide 1

What Have We Learned?

(13 & 14-OOD Post-read)

- Post-read Review
 - HCI Criteria
 - Efficiency
 - Learnability
 - User satisfaction
 - Utility
 - HCI design goal?
 - An HCI designer should
 - Know the user
 - Prevent user errors
 - Optimize user abilities
 - Be consistent



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Slide 2

What Do We Know?

(17 Pre-read)

- Pre-read Discussion (pairs)
 - Ch 17 Is your Design Clear, Concise, and Complete?
 - i.e., Quality Assurance (QA)
 - What does QA mean?
 - Why do QA?
 - Anyone know a QA technique?



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Slide 3

What Have We Learned?

(17 Post-read)

- Post-read Review
 - What is
 - Software quality?
 - Software assurance?
 - Software quality assurance?
 - Q: Free of bugs/defects & meets users needs
 - A: Free of vulnerabilities & functions as intended
 - Software QA Techniques
 - Formal review (aka: inspection)
 - Informal review
 - Design/code walkthrough
 - Customer survey



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What Have We Learned?

(17 Post-read, cont'd)

- Post-read Review (cont'd)
 - Software Testing
 - White box versus black box
 - Unit testing
 - Integration testing
 - System testing
 - Acceptance testing
 - Regarding software design
 - When should a QA technique be used?
 - When should a testing technique be used?
 - Regarding software development
 - When should a QA technique be used?
 - When should a testing technique be used?



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Slide 5

What Have We Learned?

(17 Post-read, cont'd)

- Formal Review (Inspection) Process
 1. Plan Inspection
 2. Initial Meeting
 3. Preparation
 4. Inspection Meeting
 5. Rework
 6. Follow-up



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