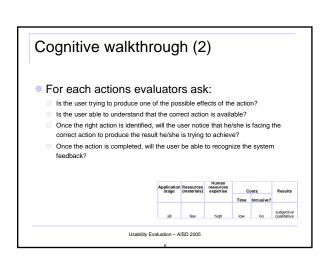
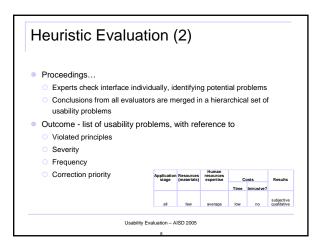


Evaluation Accesses level in which design follows principles Motivates & supports (re)design process Should be present along conception, development and maintenance Different techniques to apply (depending on...) Evaluation goals Budget Availability of final/real users Evaluators expertise State of development of the product Laboratory or field studies With or without tangible artifact

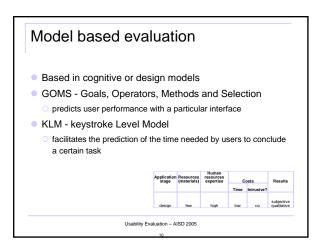
Cognitive walkthrough Proposed by Polson et al. Origin - code walkthrough Analyses actions user has to perform to complete task Implies description Of system prototype Of task to be performed by user Of actions to perform in order to complete the task Of system users, indicating their knowledge and experience



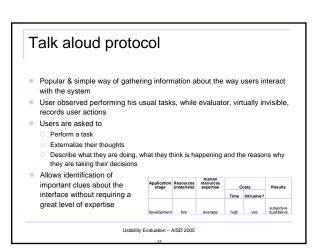
Heuristic evaluation Developed by Jacob Nielsen and Rolf Molich Inspection method to critique the system Based in set of general and simple heuristics Visibility of system status Match between system and the real world User control and freedom Consistency and standards Error prevention Recognition rather than recall Flexibility and efficiency of use Aesthetic and minimalist design Help users recognize, diagnose, and recover from errors Help and documentation Usability Evaluation – AISD 2005



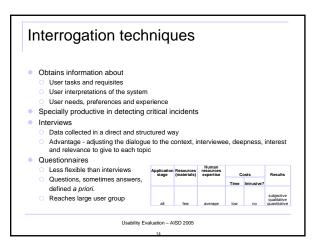
Review-based evaluation Evaluation based on previous studies Results from the literature used to support or refute parts of design Care needed to ensure results are transferable to new design. Application Resources resources resource resource

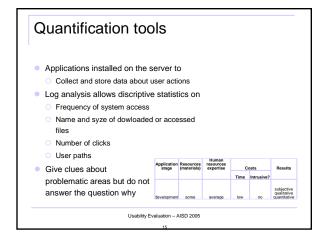


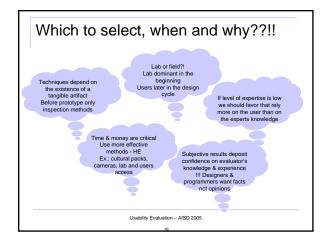
Most powerful method to perform design evaluation Provides empirical evidence/results about real tasks Selection of subjects, variables and hypothesis is vital Goal - demonstrate that initial suppositions are statistically confirmed and correct Development teams are more receptive to changes in the design if these are based in empirical tests | Application Resources | Temporary | Temporary

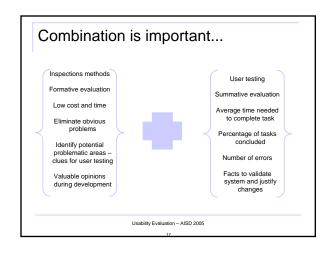


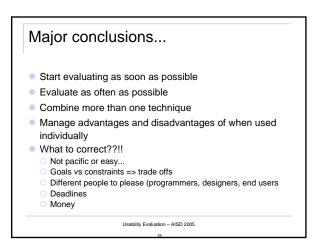
Retrospective testing Tries to answer the question why? Reflection about tasks performed Transcript or video played back for participant to comment immediately => fresh in mind delayed => evaluator has time to identify questions Useful to identify reasons for actions and alternatives











Some bibliography

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