24 Lecture - CS408

Important Mcqs

Which of the following is a commonly used framework in Human Computer Interaction (HCI)?

- a) User-Unfriendly Design (UUD)
- b) User-Centered Design (UCD)
- c) Developer-Centric Design (DCD)
- d) Technology-Driven Design (TDD)

Answer: b) User-Centered Design (UCD)

What is the purpose of a framework in HCI?

- a) To restrict the creativity of designers
- b) To provide guidelines for designing user interfaces
- c) To limit the scope of the design process
- d) To ensure that only expert users are considered in the design process

Answer: b) To provide guidelines for designing user interfaces

What is the primary focus of the Interaction Design (IxD) framework?

- a) Contextual analysis
- b) Usability testing
- c) Design iteration
- d) Task analysis

Answer: c) Design iteration

Usability testing is used for refinements in HCI to:

- a) Improve the visual aesthetics of the interface
- b) Enhance the performance of the interface

- c) Increase the complexity of the interface
- d) Decrease the overall cost of interface development

Answer: b) Enhance the performance of the interface

What is the purpose of heuristic evaluation in HCI?

- a) To evaluate the interface based on established usability principles
- b) To test the interface with a large group of users
- c) To analyze the contextual factors influencing user behavior
- d) To identify potential security issues in the interface

Answer: a) To evaluate the interface based on established usability principles

Cognitive walkthroughs are used for refinements in HCI to:

- a) Assess the visual aesthetics of the interface
- b) Identify potential usability issues
- c) Test the interface with real users
- d) Measure the overall satisfaction of users with the interface

Answer: b) Identify potential usability issues

Which of the following is an example of a user feedback survey used for refinements in HCI?

- a) Cognitive walkthrough
- b) Usability testing
- c) Heuristic evaluation
- d) User satisfaction questionnaire

Answer: d) User satisfaction questionnaire

Focus groups are used for refinements in HCI to:

- a) Measure the performance of the interface
- b) Evaluate the visual aesthetics of the interface
- c) Collect qualitative data on user preferences and needs

d) Test the interface with a large group of users

Answer: c) Collect qualitative data on user preferences and needs

What is the role of refinements in the HCI design process?

- a) To restrict the creativity of designers
- b) To eliminate the need for user feedback
- c) To improve the overall usability of the interface
- d) To limit the scope of the design process

Answer: c) To improve the overall usability of the interface

How do frameworks and refinements contribute to the success of user interface design in HCI?

- a) By limiting the creativity of designers
- b) By ensuring that only expert users are considered
- c) By providing guidelines for designing user interfaces
- d) By increasing the complexity of the design process

Answer: c) By providing guidelines for designing user interfaces