

16 Lecture - CS408

Important Mcqs

What are the stages involved in the HCI process?

- a. User Analysis, Implementation, Testing, Deployment
- b. Design, Implementation, Evaluation, Refinement
- c. Analysis, Design, Development, Testing
- d. User Analysis, Design, Prototyping, Deployment

Solution: b. Design, Implementation, Evaluation, Refinement

Which HCI model emphasizes involving users throughout the design process?

- a. Activity Theory model
- b. User-Centered Design (UCD) model
- c. Cognitive Engineering model
- d. Interaction Design (IXD) model

Solution: b. User-Centered Design (UCD) model

Which HCI model focuses on understanding the cognitive processes involved in human-computer interaction?

- a. Activity Theory model
- b. User-Centered Design (UCD) model
- c. Cognitive Engineering model
- d. Interaction Design (IXD) model

Solution: c. Cognitive Engineering model

What is the purpose of prototyping in HCI?

- a. To create early versions of the system for testing and feedback
- b. To deploy the final version of the system

- c. To analyze user requirements
- d. To develop the UI design

Solution: a. To create early versions of the system for testing and feedback

What is the role of evaluation in the HCI process?

- a. To create prototypes
- b. To analyze user requirements
- c. To test the system with real users
- d. To design the interface

Solution: c. To test the system with real users

Which HCI model focuses on designing interfaces that are intuitive and easy to learn?

- a. Activity Theory model
- b. User-Centered Design (UCD) model
- c. Cognitive Engineering model
- d. Interaction Design (IxD) model

Solution: d. Interaction Design (IxD) model

What does the User Analysis stage in HCI process involve?

- a. Analyzing the market trends
- b. Understanding user preferences
- c. Evaluating the system's performance
- d. Identifying target users and their needs

Solution: d. Identifying target users and their needs

Which model views the interaction between humans and technology in the context of their activities and tasks?

- a. Activity Theory model
- b. User-Centered Design (UCD) model

- c. Cognitive Engineering model
- d. Interaction Design (IXD) model

Solution: a. Activity Theory model

Which stage of the HCI process involves designing and creating prototypes?

- a. User Analysis
- b. Implementation
- c. Evaluation
- d. Design and Prototyping

Solution: d. Design and Prototyping

What is the iterative nature of the HCI process?

- a. It involves multiple stages
- b. It is a linear process
- c. It involves user feedback and continuous improvement
- d. It is a one-time activity

Solution: c. It involves user feedback and continuous improvement