

29 Lecture - CS408

Important Mcqs

What is the primary goal of evaluation in Human Computer Interaction (HCI)?

- a) To assess the aesthetics of the system
- b) To identify usability issues and areas of improvement
- c) To determine the market value of the system
- d) To measure the technical specifications of the system

Answer: b) To identify usability issues and areas of improvement

Which method involves observing users as they interact with the system to collect feedback on their experience?

- a) Expert review
- b) Cognitive walkthrough
- c) Heuristic evaluation
- d) Usability testing

Answer: d) Usability testing

What is the purpose of heuristic evaluation in the evaluation process of HCI?

- a) To measure the system's technical performance
- b) To assess the aesthetics of the system
- c) To identify usability issues based on predefined usability principles
- d) To observe users' thought process while using the system

Answer: c) To identify usability issues based on predefined usability principles

What is the purpose of surveys and questionnaires in evaluating interactive systems?

- a) To collect quantitative and qualitative data from users
- b) To assess the aesthetics of the system

- c) To measure the system's technical performance
- d) To observe users' thought process while using the system

Answer: a) To collect quantitative and qualitative data from users

Which method involves one-on-one interactions with users to gather qualitative data about their experiences and opinions?

- a) Usability testing
- b) Task analysis
- c) Cognitive walkthrough
- d) Interviews

Answer: d) Interviews

What is the significance of task analysis in evaluating the usability of a system?

- a) To assess the aesthetics of the system
- b) To measure the system's technical performance
- c) To understand the tasks users perform and identify usability issues
- d) To collect quantitative and qualitative data from users

Answer: c) To understand the tasks users perform and identify usability issues

Which method involves evaluating a system's design and usability based on established principles and guidelines?

- a) Expert review
- b) A/B testing
- c) Heuristic evaluation
- d) Cognitive walkthrough

Answer: a) Expert review

What is the purpose of A/B testing in the evaluation of interactive systems?

- a) To assess the aesthetics of the system
- b) To measure the system's technical performance

c) To compare design variations and determine the optimal one

d) To observe users' thought process while using the system

Answer: c) To compare design variations and determine the optimal one

What is the purpose of cognitive walkthrough in the evaluation process of HCI?

a) To measure the system's technical performance

b) To assess the aesthetics of the system

c) To identify usability issues based on predefined usability principles

d) To simulate the user's thought process while using the system

Answer: d) To simulate the user's thought process while using the system

What is the significance of analytics and metrics in evaluating the performance of a system?

a) To assess the aesthetics of the system

b) To measure the system's technical performance

c) To observe users' thought process while using the system

d) To collect data on system usage, performance, and user behavior

Answer: d) To collect data on system usage, performance, and user behavior