

23 Lecture - CS408

Important Mcqs

What are requirements in the context of HCI?

- a) The design team's preferences
- b) The desired aesthetics of the interface
- c) The functionalities and features expected from the system
- d) The constraints of the development environment

Answer: c) The functionalities and features expected from the system

How are requirements gathered in the HCI design process?

- a) Through technical feasibility analysis
- b) Through cost analysis
- c) Through stakeholder opinions
- d) Through usability testing

Answer: d) Through usability testing

Why is prioritization important in requirements analysis in HCI?

- a) To make the system more complex
- b) To identify the key functionalities and features
- c) To increase development costs
- d) To delay the project timeline

Answer: b) To identify the key functionalities and features

Who should be involved in the requirements gathering process in HCI?

- a) Only the design team
- b) Only the developers

- c) Only the stakeholders
- d) Intended users of the system

Answer: d) Intended users of the system

What is the role of clear and unambiguous requirements in HCI?

- a) To make the system more challenging to use
- b) To ensure accurate understanding among stakeholders
- c) To limit the design possibilities
- d) To create more room for interpretation

Answer: b) To ensure accurate understanding among stakeholders

How do requirements influence the design of the user interface in HCI?

- a) They do not influence the design process
- b) They guide the design team in creating mockups and prototypes
- c) They limit the creativity of the design team
- d) They add unnecessary complexity to the interface

Answer: b) They guide the design team in creating mockups and prototypes

What is the purpose of usability testing in the context of requirements in HCI?

- a) To validate whether the interface meets the defined requirements
- b) To delay the development process
- c) To make the interface more complex
- d) To increase the project budget

Answer: a) To validate whether the interface meets the defined requirements

How can deviations or gaps between requirements and the actual interface be addressed in HCI?

- a) By ignoring the deviations and gaps
- b) By changing the requirements to match the actual interface
- c) By addressing the deviations and gaps during the evaluation process

d) By disregarding user feedback

Answer: c) By addressing the deviations and gaps during the evaluation process

Why is a user-centered approach important in gathering requirements in HCI?

a) It is not important

b) To prioritize the design team's preferences

c) To ensure that the needs of the intended users are captured accurately

d) To make the system more complicated

Answer: c) To ensure that the needs of the intended users are captured accurately

How can well-defined requirements contribute to the success of HCI design projects?

a) By creating confusion among stakeholders

b) By limiting the design possibilities

c) By guiding the design and development process

d) By increasing development costs

Answer: c) By guiding the design and development process