# 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