

1 Lecture - CS408

Important Subjective

What is Human-Computer Interaction (HCI)?

Answer: HCI is a multidisciplinary field that focuses on the study of how humans interact with technology and how technology can be designed to be more user-friendly.

Why is HCI important?

Answer: HCI is important because it helps in designing technology that is intuitive, efficient, and enjoyable to use, leading to improved usability, user satisfaction, and accessibility.

What are the key principles of HCI?

Answer: The key principles of HCI include user-centered design, usability, feedback and iteration, consideration of context, and aesthetics of interaction.

What is user-centered design?

Answer: User-centered design is a fundamental principle of HCI that involves involving users throughout the design process, understanding their requirements, and incorporating their feedback to create technology that is tailored to their needs.

What is usability?

Answer: Usability refers to how easy and efficient it is for users to learn, use, and understand a system. It is a key aspect of HCI and focuses on creating technology that is user-friendly.

Why is feedback important in HCI?

Answer: Feedback from users is important in HCI as it helps in identifying issues and improving the design of technology, leading to better user experiences.

What is context-aware design?

Answer: Context-aware design is the consideration of the context in which technology will be used, such as the environment, tasks, and devices, to create technology that is relevant and useful in that specific context.

How does HCI contribute to accessibility and inclusion?

Answer: HCI aims to create technology that is usable and accessible for all users, including those with disabilities, to promote accessibility and inclusion.

What role do aesthetics play in HCI?

Answer: Aesthetics play a significant role in users' perception of technology and can influence their acceptance and adoption of it. Well-designed interfaces that are visually appealing can enhance users' experiences.

How does HCI improve user satisfaction and engagement?

Answer: HCI focuses on creating technology that meets the needs and preferences of users, leading to improved user satisfaction and engagement, which in turn promotes continued use of technology.