

HUMAN-COMPUTER INTERACTION (HCI) IN MANAGEMENT INFORMATION SYSTEMS (MIS) DESIGN

WHAT IS HCI?

HCI studies the interaction between users and computer systems, aiming to make this interaction more efficient, effective, and user-friendly.

WHY IMPORTANT?

- Enhances user satisfaction.
- Speeds up business processes and increases efficiency.
- Simplifies system usage, adding value to businesses.

THE ROLE OF MIS

- **User-Centered Design:*** Developing MIS systems tailored to users' needs.
- **Efficiency and Convenience:*** Enabling users to complete tasks quickly and easily.
- **Visual Design and Usability:*** Clear interfaces and intuitive navigation.

TECHONOLGY TRENDS

- **AI and Chatbot Integration:*** Quick responses to user queries.
- **Mobile-Friendly Designs:*** Adapting MIS systems for mobile devices.
- **Enhanced Security:*** Safeguarding user data with secure designs.

PRINCIPLES

01 Consistency In Design

The same design patterns and functionalities should be used throughout all sections to make navigation easier for users.

02 Simplicity

To ensure users can easily understand and use the system, complex elements should be avoided, and a simple, clear design should be prioritized.

03 Feedback

Users should receive clear and immediate feedback on their actions (e.g., loading icons or error messages).

04 Accessibility

The design should accommodate all user groups, including additional solutions for individuals with disabilities (e.g., screen reader support).

05 Flexibility

An interface should offer customizable features that support different user preferences.

