14 Lecture - CS408

Important Mcqs

What is the primary goal of interaction design in Human-Computer Interaction (HCI)?

a. To create visually appealing interfaces

b. To optimize system performance

c. To facilitate effective communication between users and systems

d. To minimize the cost of system development

Answer: c. To facilitate effective communication between users and systems

Which of the following is an example of a passive interaction?

a. Clicking a button on a webpage

b. Dragging and dropping files

c. Watching a video

d. Typing a search query

Answer: c. Watching a video

Which of the following is an example of a proactive interaction?

a. Scrolling through a webpage

b. Clicking on a link

c. Hovering over an image

d. Receiving a notification

Answer: d. Receiving a notification

Which of the following is an example of a direct manipulation interaction?

a. Sending an email

b. Voice command

c. Using a touch screen

d. Navigating through a menu using arrow keys

Answer: c. Using a touch screen

What is the purpose of affordances in interaction design?

a. To provide visual aesthetics

b. To create interactive animations

c. To guide users on how to interact with an interface

d. To optimize system performance

Answer: c. To guide users on how to interact with an interface

Which of the following is an example of an explicit interaction?

a. Gesturing towards a sensor

b. Looking at a screen

c. Touching a physical button

d. Thinking about a command

A**nswer: c. Touching a physical button**

What is the significance of cognitive load in interaction design?

a. It determines the speed of interactions

b. It affects the aesthetics of the interface

c. It influences the user's mental effort in processing information

d. It determines the cost of system development

Answer: c. It influences the user's mental effort in processing information

Which of the following is an example of a natural language interaction?

a. Clicking a button

b. Swiping a screen

c. Typing a search query

d. Navigating through a menu using arrow keys

Answer: c. Typing a search query

Which of the following is an example of a multimodal interaction?

a. Using a mouse to navigate through a menu

b. Using voice commands to control a smart speaker

c. Touching a screen to select an option

d. Using a physical button to turn on a light

Answer: b. Using voice commands to control a smart speaker

What is the purpose of feedback in interaction design?

a. To provide visual aesthetics

b. To enhance user satisfaction

c. To optimize system performance

d. To minimize the cost of system development

Answer: b. To enhance user satisfaction