

# 10 Lecture - CS504

## Important Mcqs

**What is the primary goal of prototyping in software development?** a) To create a final working version of the software b) To gather user feedback and validate design choices c) To document the software requirements d) To perform system testing **Answer: b) To gather user feedback and validate design choices**

**Which of the following is NOT a benefit of prototyping?** a) Early identification of design flaws b) Enhanced user involvement and satisfaction c) Decreased development time and cost d) Elimination of the need for documentation **Answer: d) Elimination of the need for documentation**

**What is the purpose of GUI design in software development?** a) To define the software architecture b) To gather user requirements c) To create a visual representation of the user interface d) To perform system testing **Answer: c) To create a visual representation of the user interface**

**Which of the following is a characteristic of a well-designed GUI?** a) Cluttered layout and complex navigation b) Inconsistent color scheme and font usage c) Intuitive and user-friendly interface d) Lack of responsiveness and interactivity **Answer: c) Intuitive and user-friendly interface**

**What does the term "wireframe" refer to in GUI design?** a) A prototype with functioning features b) A visual representation of the software architecture c) A simplified layout of the user interface d) A detailed design document **Answer: c) A simplified layout of the user interface**

**Which of the following is a key consideration in GUI design?** a) Maximizing system performance b) Minimizing user involvement c) Ensuring accessibility for users with disabilities d) Eliminating the need for user training **Answer: c) Ensuring accessibility for users with disabilities**

**What is the purpose of usability testing in GUI design?** a) To evaluate the performance of the software system b) To gather user feedback on the GUI design c) To identify security vulnerabilities d) To validate the software requirements **Answer: b) To gather user feedback on the GUI design**

**Which of the following is NOT a commonly used GUI design element?** a) Buttons b) Dropdown menus c) Pop-up ads d) Input fields **Answer: c) Pop-up ads**

**What is the role of color in GUI design?** a) To make the interface visually appealing b) To confuse users and hinder navigation c) To increase system performance d) To eliminate the need for text labels **Answer: a) To make the interface visually appealing**

**Which design principle emphasizes consistency in GUI design?** a) Minimalism b) Progressive disclosure c) Affordance d) Consistency **Answer: d) Consistency**