

Human computer interaction exam questions

1. User experience and usability goals
2. Usability design principles
3. Usability design rules. Explain the main three groups and two selected subgroups.
4. Conceptual models of interaction.
5. Explain the four basic activities in interaction design.
6. User analysis: stakeholders and their perspectives.
7. Types of product requirements. Briefly explain the types of user requirements.
8. Task description: scenarios and use cases. Explain these techniques.
9. Hierarchical task analysis: purpose, procedure.
10. Low and high fidelity prototypes. What they prototype? Why and when they are used in the project?
11. What are the benefits of usability evaluations? Describe at least three.
12. Usability evaluations: types and characteristics
13. Analytical evaluations: types, goals, method
14. Heuristic evaluation: purpose, who performs it, how it is performed?
15. Testing with users: purpose, how is it performed?
16. Social interaction design: essential design aspects, types of technologies.