Human computer interaction exam questions

1. Usability goals.

2. User experience goals.

3. Usability design principles

4. Usability design rules. Explain the main three groups and one selected subgroup.

5. Explain the interface design aspects that cause the user frustration.

6. Conceptual models of interaction.

7. Explain the main types of social interaction technologies.

8. Explain the three interface types (of your choice), related research and design issues.

9. Explain the four basic activities in interaction design.


11. Types of product requirements. Briefly explain the types of user requirements.

12. Task description: scenarios and use cases. Explain these techniques.

13. Hierarchical task analysis: purpose, procedure.

14. Low and high fidelity prototypes. Why and when they are used in the project?

15. Why do we need to perform usability evaluations? Describe at least three reasons.

16. Describe the three types of usability evaluations.

17. Describe analytical evaluation methods. Heuristic evaluation: purpose, who performs it, how it is performed?

18. Testing with users: purpose, how is it performed?