


# INGLÉS TÉCNICO

TOPIC 9	Human-computer interaction (HCI)	11 Nov. 2013
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1. Watch the video “Human-computer interface design” and then answer the questions:
  - 1.1. What is HCI? Which different disciplines are concerned?
  - 1.2. Do you agree that we interact with computers every day? Which interfaces do we use?
  - 1.3. What usability problems of DVD players does the video mention? Which solution is suggested?
  - 1.4. Think of similar cases where the user experience (UX) could be significantly improved with a simple redesign.
2. Your glossary should be enlarged by 35-50 new entries. By this week, your glossary’s database should contain around 280-400 entries.
3. Outline the eight types of usability testing methods explained in the article “An introduction to website usability testing.”
4. After watching the video “Example usability test with a paper prototype”, write step-by-step instructions on how to carry out a usability test with a paper prototype.
5. Heuristic evaluation is a method to assess the design of a user interface (UI).
  - 5.1. How does it work?
  - 5.2. List Jacob Nielsen’s ten principles, illustrating each of them with an example of its application in actual interfaces. Can you think of software that does not comply with one or more of these rules?
  - 5.3 Apply this method to assess the usability of the website of the University of La Laguna ([www.ull.es](http://www.ull.es)) and, more specifically, that of the School of Computer Engineering (<http://www.ull.es/view/centros/etsii/Inicio/es>).