Abstract

The effectiveness of Human Computer Interaction depend upon certain important parameters such as usability and comfortability, which would encourage the end-users to get the services safely and more reliably. It becomes essential to understand the various usability factors under different perspectives which are highly essential to be considered by the healthcare system designers. As such, to the best of our knowledge, no such literatures of this kind are readily available. This paper categorizes the important usability factors and discusses some of the parameters that would make the interface effective and usable with certain quality parameters such as safety and reliability. Some of the problems of the interfaces from clinical perspective are also being discussed together with the strategies for improving the usability and in turn to meet the needs of the intended users.

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**Index Terms**

Computer Science  Applied Sciences
Keywords
Clinical HCI  Interface Usability  HCI Testing