

## Usability vs UX

Human-Computer Interaction (HCI) is the area of study that investigates the interaction between humans and computers, putting the base for the design of effective and safe systems. Usability investigates the ease with which a user can learn, use, and complete specific tasks by measuring factors such as efficiency, time spent, and the number of errors and User Experience (UX) expands on these functional aspects by analyzing subjective data, such as satisfaction, aesthetics, and the overall sense of connection the user acquires during the interaction.

In our project, for example, the reprogramming process for the administrative module has usability standards because the corresponding user must be able to complete the task efficiently and without errors. For a complete user experience, the interface must also be reliable and provide the user with a comfortable experience through clear messages, instant feedback, and an attractive design. This demonstrates that usability is objective and quantifiable, but UX has the added emotional factor that significantly improves satisfaction.

In that way, Usability is a quantifiable and crucial aspect of user experience, but UX also encompasses the subjective experience and emotional impact of the user. A system with high usability and a positive user experience will not only facilitate task completion but also encourage further development.

Reference:

Corchado, B. (22 de agosto de 2022). *¿Qué es la experiencia de usuario y cómo se diferencia de la usabilidad?* GoDaddy. Recuperado el 31 de marzo de 2025, de <https://www.godaddy.com/resources/es/crearweb/que-es-la-experiencia-de-usuario-y-como-se-diferencia-de-la-usabilidad>