

## **Borrowed Techniques**

The interactive environment method is any technology-based interface that reacts and responds to user input. An Interactive environment is the broad term used to categorize forms of computer-based media that instructs, communicates, and entertains as a result of user action.

Interactive environments have revolutionized the way we interact with technology and the world around us. These environments offer a richer and more personalized user experience, allowing users to interact with technology in a more natural and effective way.

In the field of HCI, interactive environments have been adapted to improve the usability and accessibility of computer systems. This has led to the development of more intuitive and user-friendly interfaces, allowing users to interact with computer systems more efficiently.

Among the pros of interactive environments in HCI, we can highlight:

- Improved usability: interactive environments enable a more natural and effective user experience, resulting in increased usability of computer systems.
- Personalization: interactive environments allow for greater customization of the user experience, making systems more suitable for each user's individual needs.
- Increased immersion: interactive environments can offer greater immersion in the user experience, making interaction with computer systems more exciting and rewarding.

However, there are also some cons to using interactive environments in HCI:

- Increased complexity: creating interactive environments can be a complex and costly process, which can limit their adoption in some cases.
- Increased cognitive load: interaction with interactive environments can require more cognitive effort from the user, which can result in greater mental fatigue.
- Dependence on technology: interactive environments can create a greater dependence on technology, which can be problematic if systems fail or do not function correctly.

Overall, interactive environments have been a great contribution to the field of HCI, but it is important to consider both the pros and cons in their use and development.