The Role of Interactive Design in Achieving Sustainabil usability

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• Abstract

Given the great problems that have occurred to the environment as a result of the tremendous technological progress in our daily life that has caused many environmental problems

This has led to the emergence of sustainable development in an attempt to preserve the environment and its resources, which are diminishing day by day

And as a result of the emergence of sustainability and the development of interactive design in the lives of designers, and in the belief in the role of the industrial designer, it was necessary to use and benefit from the industrial designer in achieving sustainability.

This came in how to take advantage of interactive design in achieving sustainability...

The research begins with studying everything related to effective design, including concepts, objectives, definitions, trends, and then extrapolating all aspects of interactive design.

Then comes the study of sustainability, its themes and concepts, and how to achieve it.

Then comes the main research point in reaching the common point between interactive design and sustainability to know the role of interactive design in achieving sustainability and create a scenario with the most important studies that we have come up with to achieve this role, and then a questionnaire was made to reach the extent of this study that works to derive the basic components. That can be followed in achieving sustainability through interactive design> The research problem is about studying both interactive design and sustainability and how to achieve sustainability through interactive design by improving user behavior and influencing it to achieve sustainable behavior. And how to benefit from the design of interactive systems. Found in interactive design to achieve sustainable behavior while important

When there is a relationship that proves that interactive design has a role in achieving sustainability, it can open horizons for the industrial designer to practice his design innovations while taking into account the environment and ensuring the continuity of environmental consumption and preserving the environmental resources significantly.

• keywords

interaction design , ,sustainability HCI.