

The Impact of Using Interactive Interior Design on Enhancing the Performance of Public Service Buildings

Assist. Prof. Dr. Ahmad Obeidat

Assistant Professor in the Department of Interior Design at the College of Arts and Islamic Architecture

Obeidat.a7mad@gmail.com

Assist. Prof. Dr. Hany El-said

Assistant Professor, Department of Industrial Design, Faculty of Applied Arts, Helwan University

prof.haboelfetouh@hotmail.com

Dr. Ahmed Afifi

Lecturer, Department of Decoration and Interior Architecture - Higher Institute of Applied Arts, 6th of October University

Arteho333@yahoo.com

Abstract:

The interior designer faces many challenges to make interior design compatible with society; environmental, cultural and religious conditions, by means to modern technology that has led to successive architectural transformations in response to the many developments in communication and information technology.

Within the magnificent development in technology and communications, many new concepts appeared in the field of interior design that seek to meet human needs and future requirements. These concept, in turn, aimed to benefit from technology to ensure comfort and safety for humans. Such as interactive design, The design in which the interaction between the user and the design is achieved through the use of computer technology integrated within ", which has become widely spread because of its role in changing the tasks and forms of interior spaces in a way that is reflected on the service performance of public facilities, because of its impact on the Changing the shape of the interior spaces and achieving the function and the process of interaction between the user and the space in a positive way Which made the interior designer to reconsider the common design methods in order to integrate with the era of digital design, as interactive design gave a new meaning to form, space and function, in addition, it became possible to implement some functions of interior design elements that were not easy to implement, which changed the traditional concepts of interior design. that is, it's become possible for interaction between the spaces and the human being, with respecting the internal and external.

The research reviewed the impact using interactive design in service facilities, specifically in commercial facilities, by employing interactive design in interior design space (ceilings, floors, walls), in order to meet the evolving needs and requirements of users, whether social or environmental, in addition to the interaction of space with individuals desires.

Key Words:

interactive design, interactive interior design, public service facilities, shops, performance improvement.