The priorities and comfort of the smart home

Munteanu Angela [1*]

[1]*Department of Architecture /Faculty of Urbanism and Architecture, Technical University of Moldova, Chisinau*
[*]*Corresponding author: angela.munteanu@arh.utm.md.*

Abstract – The article contains a theoretical study, which reflects the importance and priorities of smart homes in everyday life. The houses of the past, museum models, with utilitarian functions for living, constructions and small spaces, handmade furniture in small numbers, illuminated with torches and candles, while today the house is a refuge from everyday life, where possibilities and comfort for residents are provided by controlled devices and systems. Smart homes, also known as automatic homes, smart buildings, integrated home systems with home automation applications, are a contemporary development in architectural design to promote controlled interior comfort. The author reflects the role of research on the development of smart homes, becoming an ordinary necessity of contemporary society, which incorporates common devices that control the characteristics of smart homes. Initially, smart home technology was used to control, for example, lighting or heating, recently the use of smart technology has developed, so that we can include almost any electrical component in the house in the control and management system. One of the most important features that allows us to make the "smart home" special is the efficient organization of living space and efficient control, but also an ecological environment. By establishing the most efficient concept of interaction between human and house, we can organize and implement in the house an optimal, healthy and economical environment. In the smart home, the human with the help of small impulses can manage the systems inside and outside the building, even remotely, which will determine the individual needs of man, the current priority in architectural design.

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