Applications of planned behavior theory in the design of smart open Kitchen furniture to boost performance

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Abstract:
TPB is a theory about the relationship between attitudes and behavior. It emphasizes that theIncidence of actual behavior commensurate with the amount of control exercised by the individual on his behavior and the strength of the intentions of this individual to implement this behavior. The designer when designing and organizing the open kitchen furniture must make an Inadequate study thorough the All aspects, to achieve positive interaction between the requirements of users and their behavior during the use of the space, and try to find solutions to improve the user's performance inside the space. So the designer alone is responsible for exploring the connections between the needs and behavior of users and design specifications, and therefore resort designed to use Smart modern technologies (mechanized or electronic) in the kitchen design and furnishing, in order to assist the user in meeting the needs and regulate his conduct performance piece, while saving time and effort. The current research has dealt with the application of the theory of planned behavior in the design of the smart open kitchen furniture to raise the functionality of efficiency inside it, and stemmed the research problem from the following question: What is the theory of planned behavior in design, and how it can be used and applied in interior design and furniture for Smart open kitchens inside the house? And manifested the Objectives of clarifying the most important research in the theory of planned behavior features in design, and its application in interior design and furniture smart kitchens through the presentation of a proposal for an open-kitchen design as well as to clarify the importance of the order of the functions and sequence of events inside the kitchen. The study adopted the descriptive and analytical methods to explain the theory attributes, and display the open kitchen features and technological methods in smart kitchen to raise the performance efficiency and save time and effort during use. The study adopted also the Applied method by offering an applied project of the proposed open kitchen. And finally the search display results and the proposed recommendations.

Keywords:
Planned behavior theory, smart kitchen, performance efficiency