

Interaction product design requirement for Children with disorder (Attention deficit hyper activity Disorder)

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Abstract

The category of children affected with ADHD has become not small, in local and international level, and rapidly increasing.

Behavioral therapy is one of the most important treatment methods that help to rehabilitate behind medical therapy ,

so it was necessary to appear the role of industrial design and how it can contribute to support This category by designing products with special considerations that support them, reduce disease symptoms and participate in recovery.

interaction is one of the most important features to be considered in product design, which is meant by the nature of the mutual dialogue between the product and the Child ,

and the more this interaction is being interesting and interactive. The more the user is connected and affected with the product, while it is boring, then the user will lose his passion for the product and look for another product..

And since the interactive characteristic in the Industrial design product one of the most important characteristics that affect the child when using the product,

Therefore, the research talk about the role of it in designing products specifically for children with ADHD, and how interactive design participates with all its elements in improving the child's condition, enhancing his behavior, and focus his attention for longer periods, and reducing the hyperactivity.

This is in order to demonstrate the importance of interactive design in positive participation in designing products for this category to participate in their rehabilitation and to reduce symptoms, risks and negative effects of the disorder on them.

Keywords:

ADHD, interaction, product design