Abstract

This paper concentrates in analyzing the paramount multi-touch user interfaces that have been designed particularly to treat children having Autism. The proximity of these works with the due child computer interaction expertise is scrutinized; on the basis of which some significant findings are concluded. These concluded features are considered to be the success factors of these multi-touch user interfaces and future directions are given that act as a pilot study for researchers who aim to develop user-centered interfaces for treating social, collaborative and communication impairments in children with Autism.

References


**Index Terms**

Computer Science

Information Science

**Keywords**

Child computer interaction  Autism spectrum disorder  social skills  collaborative skills

communication skills

multi touch

user interfaces

software applications