Learning Disability Monitor

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Abstract

Autism refers to a group of brain development disorders, which are characterized by difficulty in communication and repetitive behaviors. Every autistic child is unique and hence each child should be given special care and attention for his or her development. In today’s world it is quite tedious and frustrating for teachers as well as parents to teach autistic children because they have to be taught repeatedly again and again. Due to this many parents actually accept the fact that their child cannot be taught or provided knowledge. Recent development in mobile technologies have provided teachers a better way to teach autistic children through a user friendly GUI and customizable systems deployed on mobile phones. Our proposed system eliminates the repetitive efforts required by teachers and parents by providing a customizable, adaptable and cost efficient system which adapts itself according to the behavior and learning of the child.

References


9. MaryAnn Romski, PhD,CCC-SLP;Rose A.Sevick,PhD,” Augmentative Communication And Early Intervention”, Vol. 18, No. 3, pp. 174-185,2005


16. J. P. Hourcade, N. E. Bullock-Rest, and T. E. Hansen, “Multitouch tablet applications and activities to enhance the social skills of children with autism spectrum disorders,” Personal and Ubiquitous

17. H. S. S. Yee, “Mobile technology for children with autism spectrum disorder: Major


http://www.cse.iitm.ac.in/~ravi/papers/Sreenivas_thesis.pdf


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