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Implementation of child tracking on android mobile terminals using emotion recognition system

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This paper analyses the technologies most widely used to work on areas affected by the Autistic Spectrum Disorder (ASD). This disorder is characterized by difficulties in social communication, social interactions and repetitive behaviors. We have presented a method to develop emotion-aware solutions for autistic children. Emotion aware apps could significantly increase the children understanding of their emotions, facial expression and it could also help their careers or educators to better understand and detect the children. These proposed tracking devices can be worn as wrist watches, anklets or in I-cards. Global system for mobile communication and receiver includes parent's mobile phone. Autism is diagnosed during the first three years of life. Extensive research has proven the efficiency of technologies as support tools for therapy and their acceptation by ASD sufferers. People affected by autism have good virtual capacity than hearing. Studies are organized into four broad categories: (1) The response of individuals with ASD to robots or robot-like behavior in comparison to human behavior, (2) The use of robots to elicit behaviors, (3) The use of robots to model, teach and/or practice a skill, and (4) The use of robots to provide feedback on performance. Mentally unbalanced individuals experience issues with translating both verbal and non-verbal dialect like motions or manners of speaking. They may discover hard to get it: Facial expressions, tone of voice and jokes and sarcasm.

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