ASD children detector based on IoT has been successfully designed. This prototype ASD children detector was developed as a belt box and can transmit real-time data without distance limitations. Users use the IoT application by utilizing the Blynk application to supervise ASD children easily. However, the GPS module can be used as a faster and more accurate module in obtaining coordinate points without being blocked by signals, and the prototype display or case can be improved to be more wearable to increase comfort in children with special needs. This research can also be developed by adding algorithms that can determine the condition of children in a tantrum or normal.

NOMENCLATURE

Subscripts

GPS	Global Positioning System
IoT	Internet of Thing
ASD	Autism Spectrum Disorders
GSM	Global System for Mobile
ESP	Enhance Smart Power
SMS	Short Message Service

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