

LITERATURE SURVEY

Title: Smart and Secure IoT based Child Behavior and Health Monitoring System

Proposed work: It enables the child to get involved with some android games which will make them to think and act dynamically. The game scores and the sensor readings obtained will be monitored and analyzed by the system and the actions will be taken accordingly.

Tools used/ Algorithm: Hadoop, C4.5 algorithm.

Title: Intelligent Child Safety System using Machine Learning in IoT Devices

Proposed work: It is a wearable device which is designed to continuously monitor the location and body vitals of the children. It is to aid parents to monitor and track their children in real time as an alternate to stay beside them.

Tools used/ Algorithm: Machine Learning, Decision Tree Classifier, Autonomous Decision.

Title: IoT Based Smart Band for Tracking Position and Monitoring Conditions of Children.

Proposed work: It enables the parents to monitor their children along with the mobile application as a display the information about the children and their situation by collecting data from the database transmitted by the device. It captures children's heartbeat and device's location data.

Tools used/ Algorithm: Bluetooth, GPS.

Title: IoT Based Localization and Tracking.

Proposed work: It provides current state of the art for IoT based localization and tracking and also shows key technical aspects, compare the IoT based initiatives for localization and finally show the utilities in different application domains

Tools used/ Algorithm: RFID technology, Bluetooth.