

Proposal on “Safety Tracking Bracelet” for Children, Aged & Handicapped(Specially Intellectual) using Deep Learning Algorithm



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Abstract: "Safety Tracking Device" is the life saver smart device for babies, aged parents or handicapped persons (specially intellectual). In most of the cases, we fail to take care or track our children or aged parents 24/7 leaving them in unfortunate dangers like losing in street, falling in bathtub or near neighbor's pond. It contains GPS module, Stress Sensor, Pulse Rate Sensor, Temperature Sensor, Accelerometer, Shock Sensor, Oximeter Sensor and Sound Receiver. With the integration of all of the sensor values, the device can detect exact condition or feelings of the host body analyzing the data through deep learning algorithm.

