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Warrior Health and Position Tracking System

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Abstract: The safety and security are the main concern now-a-days. Wars are being battled for land, water and getting the situation of most impressive country. A nation's arm power is comprised of three formally dressed administrations: the military, the naval force, and the flying corps. Warriors being the foundation of any equipped power typically lose their lives because of absence of clinical assistance when they are in crisis, likewise troopers who are associated with missions or in extraordinary tasks get strayed on war fields and lose contact with the specialists. To overcome these difficulties we had assembled this venture which utilizes remote body region sensor organization (RBRSO) like temperature sensor, heartbeat sensor and screens the wellbeing status of the warrior at whatever point required. Additionally utilizing GPS we can follow the trooper's definite area at whatever point required. Utilizing oxygen level sensor we can likewise screen the ecological condition, so specialists can give fundamental guides. The correspondence is set up between the fighters and authorities through GSM. Any irregularities in the readings of remote body region sensor organization (RBRSO) is considered as a trigger for GSM to set up the association between the officer and base unit and send current area and wellbeing status to the recipient. By utilizing these types of gear we had attempted to carry out the fundamental guarding framework for the warrior in minimal expense, light weighted, compact and exact gadget.

Keywords: Barometric pressure sensor, GPS, GSM, WBASNs, ZigBee

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