Patent Search

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Abstract:

Integration of Internet of Thing framework into the Medical Field for Stress Monitoring using Wearable Sensors is the proposed invention. The proposed invention foc studying stress monitoring using Wearable Sensors. The invention focuses on analyzing the parameters of stress monitoring using algorithms of Internet of Things

Complete Specification

Description:[0001] Background description includes information that may be useful in understanding the present invention. It is not an admission that any of th information provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.
[0002] Stress is how we react when we feel under pressure or threatened. It usually happens when we are in a situation that we don't feel we can manage or cont Stress is our body's response to pressure. Many different situations or life events can cause stress. The pace and challenges of modern life make stress managemer necessary for everyone. To monitor your stress, first identify your stress triggers which makes you feel angry, tense, worried or irritable. There are at-home devices claim to track stress. Usually, these devices track stress by measuring your heart rate and heart rate variability.
[0003] A number of different types of stress monitoring systems that are known in the prior art. For example, the following patents are provided for their support teachings and are all incorporated by reference.
[0004] WO2019012471A1:- An Internet of Things (IOT) system for management of a stress level and mental health of a human body. The system has one or more sensors and a primary processing unit that runs an artificial intelligence system. The body sensors are adapted to measure atleast one of a physiological parameter human body, body movement of the human body, or heat expenditure of the human body or combination thereof, and to generate a body data periodically or in re The primary processing unit is adapted to receive and process the body data and adapted to determine atleast one of the mental health of the human body and the level of the human body. The primary processing unit is adapted to provide therapies and give insights about the effectiveness of psychological therapies including meditation and mindfulness in a quantitative manner.
[0005] Many fitness trackers, including smartwatches and chest strap monitors, have stress analysis features. Stress Monitor from WHOOP can now track your str

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