

ABSTRACT

SYSTEMS AND METHODS FOR GENERATING AND PRIORITIZING ALERTS USING SENSORY INFORMATION

Systems and methods for generating and prioritizing alerts using sensory information are provided. The traditional systems and methods provide for monitoring the activities of elderly at home and send alerts when something abnormal happens but the logic provided by them is often too generic across all people leading to false or un-prioritized alerts to caretakers. Embodiments of the present disclosure provide for generating and prioritizing using sensory information alerts by capturing information comprising of a motion and non-motion data from the plurality of sensors, obtaining data metrics from the motion and non-motion data, deriving activity patterns from the data metrics, obtaining threshold values from the activity patterns for defining a set of rules to configure alerts, assigning priority to the alerts based on a comparison between the activity patterns and the threshold values and finally communicating the one or more alerts generated and prioritized for tracking the one or more alerts.

[Abstract to be published with Fig. 2]