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(57) Abstract :
ABSTRACT METHOD FOR PROVIDING AN INTELLIGENT INTERNET-OF-THINGS (IOT) BASED SMART HOME MONITORING SYSTEM The present invention provides a method for intelligently monitoring a smart home using Internet of Things (IOT) comprising generating a map of a monitoring area of the smart home, transmitting a first inaudible sound wave to the monitoring area of the smart home to receive a first inaudible sound wave echo transmission. The method then anticipates a possibility of disturbed state occurrence of the monitoring area of the smart home through the first inaudible sound wave echo transmission based on the map. Thereafter obtaining a video or a picture captured by a camera when the disturbed state occurrence of the monitoring area is predicted, and utilizing one or more sensors (IOT) that are connected with one another and arranged in the smart home, allowing the IOT sensors to communicate with one another and with a central server.

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