(12) PATENT APPLICATION PUBLICATION

(21) Application No.202211007205 A

(19) INDIA

(22) Date of filing of Application :10/02/2022

(43) Publication Date : 18/02/2022

(54) Title of the invention : IOT, CLOUD COMPUTING BASED AUTOMATIC BED TRACKING SYSTEM IN HOSPITALS USING ML ALGORITHMS

(51) International classification :A61B0005000000, G06N0020000000, G16H0050200000, A61B0005021000, A61B0005024000	(71)**Name of Applicant :**
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(86) International Application No :NA
  Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
  Filing Date :NA
(62) Divisional to Application Number :NA
  Filing Date :NA
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(57) Abstract :
It is critical to monitor and treat a person's health with caution. A person must have access to sufficient medication. As long as you maintain a healthy lifestyle, you may be able to lower your risk of contracting a variety of diseases. The popularity of wearable devices and health-monitoring gadgets has risen in recent years, as evidenced by the increased number of these devices on the market. Even the most skilled physicians have difficulty assessing the severity of a patient's health problems based on their observed symptoms. Doctors can make significant strides by utilising cutting-edge technology such as machine learning and artificial intelligence, which enables them to determine the underlying cause of a disease and forecast its severity using these algorithms (AI). This study employs machine learning algorithms to monitor human health. When developing machine learning algorithms, they are trained and tested on the UCI dataset. The Internet of Things is used to monitor the subject's heart rate, blood pressure, and temperature. The testing phase analyses sensor data from the Internet of Things to determine if there are any health concerns regarding the individual. The data from IoT devices is statistically analysed to determine the predictive accuracy. The results indicate that the K-Nearest Neighbor classifier is more accurate than other traditional classifiers.

No. of Pages : 13 No. of Claims : 6