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Patent Search

Invention Title	SMART PATIENT HEALTH MANAGEMENT USING IOT DEVICES AND CLOUD COMPUTING INTEGRATION
Publication Number	41/2024
Publication Date	11/10/2024
Publication Type	INA
Application Number	202441075044
Application Filing Date	04/10/2024
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	BIO-MEDICAL ENGINEERING
Classification (IPC)	G16H0040670000, A61B0005000000, A61B0005110000, A61B0005020500, G16H0010600000

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Abstract:

Abstract The integration of Internet of Things (IoT) devices with cloud computing has transformed patient health management. This has made personalised treatment time remote monitoring possible. We provide a detailed description of smart patient health management systems that utilize cloud computing and IoT devices. Wear and smart medical equipment are examples of IoT devices that continually gather and communicate data about a patient's health, including their vital signs, activity and environmental factors. Cloud computing enables the safe processing and analysis of this data, which in turn allows for the provision of insightful actions and the facilitation of prompt responses. Improved healthcare delivery is possible because of the cloud's capacity to store massive amounts of data, run sophisticated analytics, and integrate Electronic Health Records (EHRs) without a hitch. Improving patient outcomes, reducing hospital readmissions, and developing personalised treatment plans are the emphasised goals which existing studies and implementations to highlight the advantages, limitations, and prospects of IoT and cloud computing in smart patient health management.

Complete Specification

FORM 2

THE PATENT ACT 1970

(39 of 1970)

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The Patents Rules, 2003

PROVISIONAL/COMPLETE SPECIFICATION

(See Section 10 and Rule 13)

COMPLETE

SMART PATIENT HEALTH MANAGEMENT USING IoT DEVICES AND CLOUD COMPUTING INTEGRATION

1. APPLICANT

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Page last updated on: 26/06/2019