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Patent Search

Invention Title	SMART PATIENT HEALTH MANAGEMENT USING IOT DEVICES AND CLOUD COMPUTING INTEGRATION
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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 treatmen
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 l
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 facil
prompt responses. Improved healthcare delivery is possible because of the cloud's capacity to store massive amounts of data, run sophisticated analytics, and integra
EHRs without a hitch. Improving patient outcomes, reducing hospital readmissions, and developing personalised treatment plans are the emphasised goals which exa
studies and existing implementations to highlight the advantages, limitations, and prospects of IoT and cloud computing in smart patient health management.

<u>**Complete Specification**</u>

FORM 2
THE PATENT ACT 1970
(39 of 1970)
&
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

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