Patent Search

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Abstract:

Real-time health monitoring and data access made possible by Internet of Things (IoT) in healthcare increase patient health, experience, and operati healthcare data of the patient is very sensitive data to be protected in the aspect of patient privacy. The present invention disclosed herein is a secur healthcare data protection using blockchain and fog computing comprising of: user (101), registration (102), admin (103), permission (104), fog nodes (106), and cloud server (107); used to store and maintain the healthcare data securely. The present invention disclosed herein uses blockchain techn healthcare data present in the cloud server. Also it allows the healthcare service provider to access the data remotely from the internet of things (IoT authentication scheme in the present disclosure uses blockchain enabled fog nodes to store and accesses the healthcare data of cloud server. The p the data from attackers, data is encrypted before stored in the server and decrypted while accessing the data.

Complete Specification

Description:FIELD OF INVENTION

The present invention relates to the technical field of Computer Science Engineering.
Particularly, the present invention is related to Secured Authentication System for Healthcare Data Protection using Blockchain and Fog Computing cloud computing in Computer Science Engineering.
More particularly, the present invention is related to Secured Authentication System for Healthcare Data Protection using Blockchain and Fog Comp maintain the healthcare data securely. The present invention disclosed herein uses blockchain technology to protect the healthcare data present ir

BACKGROUND & PRIOR ART

Blockchain technology offers numerous prospects in the healthcare sector. Distributed ledger technology enables the safe exchange of patient me management of the pharmaceutical supply chain, and the aid in the genetic code decoding. Blockchain technology has the ability to improve patier privacy of sensitive patient data, and decrease the burden of rising healthcare expenditures. It is currently utilised to safely encrypt medical data ar transmission of harmful infections. Due to its immutability, decentralization, and openness in capturing all patient data, blockchain is well suited fo

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Ministry of Commerce & Industry,
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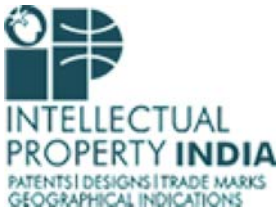

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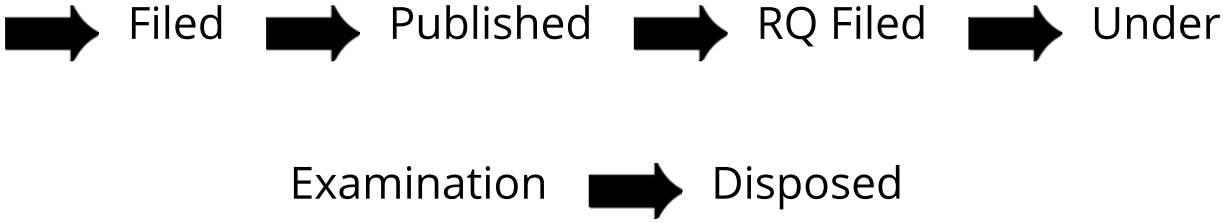
APPLICATION STATUS	**Awaiting Request for Examination**

			View Documents



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