

Originality report

COURSE NAME

Major project

STUDENT NAME

VATSAL GUPTA 17104060

FILE NAME

VATSAL GUPTA 17104060 - Term paper report

REPORT CREATED

Dec 4, 2020

Summary

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1 of 31 passages

Student passage **QUOTED**

Cloud-assisted secure eHealth Systems for tamper-proofing EHR via blockchain

[Top web match](#)

Cao S, Zhang G, Liu P, Zhang X, Neri F. **Cloud-assisted secure eHealth systems for tamper-proofing EHR via blockchain.** Inf Sci (Ny).

Confluence Mobile - Hyperledger Confluence <https://wiki.hyperledger.org/display/HCSIG/Blockchain+Article+Citations>

2 of 31 passages

Student passage **CITED**

Blockchain-based electronic healthcare record system for healthcare 4.0 applications 6Blockchain based searchable encryption for electronic health record sharing 6

[Top web match](#)

Blockchain-based electronic healthcare record system for healthcare 4.0 applications request pdf...Blockchain based searchable encryption for electronic health record sharing

Blockchain-based electronic healthcare record system for ... https://www.researchgate.net/publication/337427855_Blockchain-based_electronic_healthcare_record_system_for_healthcare_40_applications

3 of 31 passages

Student passage CITED

Ancile: Privacy-preserving Framework for Access Control and Interoperability of Electronic Health Records using Blockchain Technology 6

[Top web match](#)

Ancile: privacy-preserving framework for access control and interoperability of electronic health records using blockchain technology Article

Ancile: Privacy-preserving Framework for Access Control and

... https://www.researchgate.net/publication/323247610_Ancile_Privacy-preserving_Framework_for_Access_Control_and_Interoperability_of_Electronic_Health_Records_Using_Blockchain_Technology

4 of 31 passages

Student passage FLAGGED

Cloud-assisted secure eHealth Systems for tamper-proofing EHR via blockchain6

[Top web match](#)

Cao S, Zhang G, Liu P, Zhang X, Neri F. **Cloud-assisted secure eHealth systems for tamper-proofing EHR via blockchain**. Inf Sci (Ny).

Confluence Mobile - Hyperledger Confluence <https://wiki.hyperledger.org/display/HCSIG/Blockchain+Article+Citations>

5 of 31 passages

Student passage QUOTED

1. Cloud-assisted secure eHealth systems for tamper-proofing EHR via blockchain

[Top web match](#)

Cao S, Zhang G, Liu P, Zhang X, Neri F. **Cloud-assisted secure eHealth systems for tamper-proofing EHR via blockchain**. Inf Sci (Ny).

Confluence Mobile - Hyperledger Confluence <https://wiki.hyperledger.org/display/HCSIG/Blockchain+Article+Citations>

6 of 31 passages

Student passage QUOTED

2. Blockchain for Secure EHRs Sharing of Mobile Cloud Based E-Health Systems

[Top web match](#)

Blockchain for secure EHRs sharing of mobile cloud based e-health systems - clickmyproject Ruplayers

Blockchain for Secure EHRs Sharing of Mobile Cloud based E

... <https://clickmyproject.ruplayers.com/zKGYvq3Un5h2g6c/blockchain-for-secure-ehrs-sharing-of-mobile-cloud-based-e-health-systems-clickmyproject.html>

7 of 31 passages

Student passage QUOTED

In this work, the authors have purposed a novel EHRs sharing framework that combines blockchain and the decentralized interplanetary file system (IPFS) on a mobile cloud platform. In particular, the...

[Top web match](#)

In this paper, we propose a novel EHRs sharing framework that combines blockchain and the decentralized interplanetary file system (IPFS) on a mobile cloud platform. Particularly, we design a...

Blockchain for Secure EHRs Sharing of Mobile Cloud Based E ... <http://ieeexplore.ieee.org/document/8717579/>

8 of 31 passages

Student passage QUOTED

In this work, the authors have presented a **prototype implementation using Ethereum blockchain in a real data sharing scenario on a mobile app with Amazon cloud computing**

[Top web match](#)

We present a **prototype implementation using Ethereum blockchain in a real data sharing scenario on a mobile app with Amazon cloud computing**.

Blockchain for Secure EHRs Sharing of Mobile ... - IEEE Xplore <http://ieeexplore.ieee.org/document/8717579/>

9 of 31 passages

Student passage [FLAGGED](#)

3. **Blockchain-based electronic healthcare record system for healthcare 4.0 applications**

[Top web match](#)

Blockchain-based electronic healthcare record system for healthcare 4.0 applications request pdf Article

Blockchain-based electronic healthcare record system for ... https://www.researchgate.net/publication/337427855_Blockchain-based_electronic_healthcare_record_system_for_healthcare_40_applications

10 of 31 passages

Student passage [QUOTED](#)

This paper explores **several solutions for improving current limitations in healthcare systems using blockchain technology, including frameworks and tools to measure the performance of such systems...**

[Top web match](#)

In **this paper**, **several solutions for improving current limitations in healthcare systems using blockchain technology** are explored, **including frameworks and tools to measure the performance of such...**

Blockchain-based electronic healthcare record system for ... https://www.researchgate.net/publication/337427855_Blockchain-based_electronic_healthcare_record_system_for_healthcare_40_applications

11 of 31 passages

Student passage [FLAGGED](#)

Eliminates the need for a central authority **Performance metrics such as latency, throughput, Round Trip Time (RTT) have been optimized for achieving enhanced results**

[Top web match](#)

Performance metrics in blockchain networks, **such as latency, throughput, Round Trip Time (RTT).** have also **been optimized for achieving enhanced results**. Compared to traditional EHR systems, which use...

Blockchain-based electronic healthcare record system for ... https://www.researchgate.net/publication/337427855_Blockchain-based_electronic_healthcare_record_system_for_healthcare_40_applications

12 of 31 passages

Student passage [QUOTED](#)

paper also **proposes** a Hyperledger-based electronic healthcare record (EHR) sharing system with **an access control policy algorithm for improving data accessibility between healthcare providers**

[Top web match](#)

Further, this **paper proposes an Access Control Policy Algorithm** for improving data accessibility between healthcare **providers**, assisting in the simulation of environments to implement the...

Blockchain-based electronic healthcare record system for ... <https://www.sciencedirect.com/science/article/pii/S2214212619306155>

13 of 31 passages

Student passage [QUOTED](#)

4. **Blockchain based searchable encryption for electronic health record sharing**

[Top web match](#)

Blockchain based searchable encryption for electronic health record sharing. @article{Chen2019BlockchainBS, title={Blockchain based searchable encryption for electronic health record sharing},...

Blockchain based searchable encryption for electronic health ... <https://www.semanticscholar.org/paper/Blockchain-based-searchable-encryption-for-health-Chen-Lee/2d9e86d42ec4a56502f8a722a4866b9ea4ecc505>

14 of 31 passages

Student passage [QUOTED](#)

In this paper, the authors propose a **blockchain based searchable encryption scheme for EHRs**. The index for EHRs is **constructed through complex logic expressions and stored in the blockchain, so that a...**

[Top web match](#)

In this paper, a **blockchain based searchable encryption scheme for EHRs** is proposed. The index for EHRs is **constructed through complex logic expressions and stored in the blockchain, so that a data...**

Blockchain-based electronic healthcare record system for ... https://www.researchgate.net/publication/337427855_Blockchain-based_electronic_healthcare_record_system_for_healthcare_40_applications

15 of 31 passages

Student passage [FLAGGED](#)

No central authority**The data owners have full control over who can see their EHRs data****The use of blockchain technology ensures the integrity, anti-tampering, and traceability of EHRs' index**

[Top web match](#)

As only the index is migrated to the blockchain to facilitate propagation, **the data owners have full control over who can see their EHRs data. The use of blockchain technology ensures the integrity,**...

Blockchain-based electronic healthcare record system for ... https://www.researchgate.net/publication/337427855_Blockchain-based_electronic_healthcare_record_system_for_healthcare_40_applications

16 of 31 passages

Student passage [CITED](#)

different participating medical organizations and individuals (e.g. medical practitioners, hospitals, medical labs and insurance companies) can access EHRs stored on the blockchain with a higher level...

[Top web match](#)

Different participating medical organizations and individuals (e.g. medical practitioners, hospitals, medical labs and insurance companies) can then access EHRs stored on the blockchain with a higher...

Blockchain-based electronic healthcare record system for ... https://www.researchgate.net/publication/337427855_Blockchain-based_electronic_healthcare_record_system_for_healthcare_40_applications

17 of 31 passages

Student passage [QUOTED](#)

5. Access Control for Electronic Health Records with Hybrid Blockchain-Edge Architecture**Authors: Hao Guo, Wanxin Li, Mark Nejad, Chien-Chung Shen**

[Top web match](#)

The TWC protocol is implementable without additional effort on part of the base blockchain protocol. **Access control for electronic health records with hybrid blockchain-edge architecture** **Authors: Hao...**

Blockchain-related papers — June - Cudo Miner <https://www.cudominer.com/blockchain-related-papers-june/>

18 of 31 passages

Student passage [QUOTED](#)

this work, the authors have proposed a **hybrid architecture of using both blockchain and edge** nodes to impose attribute-based access control of EHR data. **Within the architecture, a blockchain-based...**

[Top web match](#)

This paper proposes a **hybrid architecture** to facilitate access control of EHR data by **using both blockchain and edge** node. **Within the architecture, a blockchain-based controller manages identity and...**

Access Control for Electronic Health Records with Hybrid ... <https://arxiv.org/abs/1906.01188>

19 of 31 passages

Student passage [QUOTED](#)

The authors have purposed a **Hyperledger Composer Fabric blockchain** programmed with smart contracts and **ACL policies to evaluate the performance of access control by measuring the transactions...**

[Top web match](#)

We used **the Hyperledger Composer Fabric blockchain** programmed with smart contracts and **ACL policies to evaluate the performance of access control by measuring the transactions processing time and...**

Access Control for Electronic Health Records with Hybrid ... <https://deepai.org/publication/access-control-for-electronic-health-records-with-hybrid-blockchain-edge-architecture>

20 of 31 passages

Student passage [FLAGGED](#)

6. Blockchain-Based Interoperable Electronic Health Record Sharing Framework

[Top web match](#)

Blockchain-based interoperable Electronic Health record sharing framework - ieee conference publication IEEE-SA

Blockchain-Based Interoperable Electronic Health Record ... <https://ieeexplore.ieee.org/abstract/document/8754193/>

21 of 31 passages

Student passage [QUOTED](#)

this work, the authors put **forth a new approach for a blockchain and cloud computing network** utilizing **Amazon Web Services and Ethereum blockchain** to facilitate semantic level interoperability of...

[Top web match](#)

This paper sets **forth a new approach for a blockchain and cloud computing network** utilizing **Amazon Web Services and Ethereum blockchain** to facilitate semantic level interoperability of Electronic...

Blockchain-Based Interoperable Electronic Health Record ... <https://ieeexplore.ieee.org/abstract/document/8754193/>

22 of 31 passages

Student passage [QUOTED](#)

7. Ancile: Privacy-preserving Framework for Access Control and Interoperability of Electronic Health Records using Blockchain Technology

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Ancile: privacy-preserving framework for access control and interoperability of electronic health records using blockchain technology Article

Ancile: Privacy-preserving Framework for Access Control and ... https://www.researchgate.net/publication/323247610_Ancile_Privacy-preserving_Framework_for_Access_Control_and_Interoperability_of_Electronic_Health_Records_Using_Blockchain_Technology

23 of 31 passages

Student passage [FLAGGED](#)

this work, the authors put forth a new approach for a blockchain and cloud computing network utilizing Amazon Web Services and Ethereum blockchain to facilitate semantic level interoperability of...

[Top web match](#)

This paper sets forth a new approach for a blockchain and cloud computing network utilizing Amazon Web Services and Ethereum blockchain to facilitate semantic level interoperability of Electronic...

Blockchain-Based Interoperable Electronic Health Record ... <https://ieeexplore.ieee.org/abstract/document/8754193/>

24 of 31 passages

Student passage [QUOTED](#)

8. **MedBloc: A Blockchain-based Secure EHR System for Sharing and Accessing Medical Data**

[Top web match](#)

Medbloc: a blockchain-based secure ehr system for sharing and accessing medical data request pdf Conference Paper

MedBloc: A Blockchain-Based Secure EHR System for ... https://www.researchgate.net/publication/336949208_MedBloc_A_Blockchain-Based_Secure_EHR_System_for_Sharing_and_Accessing_Medical_Data

25 of 31 passages

Student passage [FLAGGED](#)

this work, the authors put forth a new approach for a blockchain and cloud computing network utilizing Amazon Web Services and Ethereum blockchain to facilitate semantic level interoperability of...

[Top web match](#)

This paper sets forth a new approach for a blockchain and cloud computing network utilizing Amazon Web Services and Ethereum blockchain to facilitate semantic level interoperability of Electronic...

Blockchain-Based Interoperable Electronic Health Record ... <https://ieeexplore.ieee.org/abstract/document/8754193/>

26 of 31 passages

Student passage [QUOTED](#)

9. **BHEEM: A Blockchain-based Framework for Securing Electronic Health**

[Top web match](#)

1972-80. **Bheem: a blockchain-based framework for securing electronic health** records Jan 2018

Blockchain-based electronic healthcare record system for ... https://www.researchgate.net/publication/337427855_Blockchain-based_electronic_healthcare_record_system_for_healthcare_40_applications

27 of 31 passages

Student passage [FLAGGED](#)

this work, the authors put forth a new approach for a blockchain and cloud computing network utilizing Amazon Web Services and Ethereum blockchain to facilitate semantic level interoperability of...

[Top web match](#)

This paper sets forth a new approach for a blockchain and cloud computing network utilizing Amazon Web Services and Ethereum blockchain to facilitate semantic level interoperability of Electronic...

Blockchain-Based Interoperable Electronic Health Record ... <https://ieeexplore.ieee.org/abstract/document/8754193/>

28 of 31 passages

Student passage [QUOTED](#)

10. **Scalable Architecture for sharing EHR using the Hyperledger Blockchain**

[Top web match](#)

Scalable Architecture for sharing EHR using the Hyperledger Blockchain. March 2020. DOI: 10.1109/ICSA-C50368.2020.00032. Conference: 2020 IEEE International Conference on Software Architecture...

Scalable Architecture for sharing EHR using the Hyperledger

... https://www.researchgate.net/publication/341497472_Scalable_Architecture_for_sharing_EHR_using_the_Hyperledger_Blockchain

29 of 31 passages

Student passage FLAGGED

this work, the authors put **forth a new approach for a blockchain and cloud computing network utilizing Amazon Web Services and Ethereum blockchain to facilitate semantic level interoperability of...**

[Top web match](#)

This paper sets **forth a new approach for a blockchain and cloud computing network utilizing Amazon Web Services and Ethereum blockchain to facilitate semantic level interoperability of Electronic...**

Blockchain-Based Interoperable Electronic Health Record ... <https://ieeexplore.ieee.org/abstract/document/8754193/>

30 of 31 passages

Student passage QUOTED

1. Importance of Multi-modal Approaches to Effectively Identify Cataract Cases from Electronic Health Records

[Top web match](#)

Importance of multi-modal approaches to effectively identify cataract cases from electronic health records. J Am Med Inform Assoc. Mar-Apr 2012;19(2):225-34. doi: 10.1136/amiajnl-2011-000456.

Importance of multi-modal approaches to effectively ... - PubMed <https://pubmed.ncbi.nlm.nih.gov/22319176/>

31 of 31 passages

Student passage QUOTED

2. Automatic Classification of Scanned Electronic Health Record Documents

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<https://read.qxmd.com/read/33091829/automatic-classification-of-scanned-electronic-health-record-documents> **#2 Automatic classification of scanned electronic health record documents.** Heath Goodrum,...

Most recent papers with the keyword Electronic health record ... <https://read.qxmd.com/keyword/88011>
