LITERATURE DOCUMENTS FORM

1. Team No.: 1

2. Project Title: Secure File Sharing System using Blockchain

3. Comparison of Existing Models:

S. No.	Author(s)	Method	Merits	Demerits
1	• N Jeenath Laila • Dr. G Tamilpavai • S Sarvana Kumar	• Cryptography • Blockchain Technology	• Security • Decentralization • Data Integrity	• Scalability • Complexity • Privacy
2	• Tong Wu • Weijie Wang • Chuan Zhang • Weiting Zhang • Liehuang Zhu • Keke Gai • Haotian Wang	• Blockchain Technology • IoT	• Security • Privacy • Accountability	• Scalability • Complexity
3	• Utkalika Satapathy • Bhabendu Ku. Mohanta • Soumyashree S Panda • Srichandan Sobhanayak • Debashis Jena	• Blockchain Technology • Hyperledger • IoT and Communication Protocols	• Decentralization • Trust lessness • Security and Privacy	• Complexity • Resource Intensiveness • Integration Challenges
4	• Satoshi Nakamoto	• Proof-of-Work (PoW) • Blockchain Technology • Peer-to-Peer Network	• Decentralization • Trust lessness • Global Accessibility	• Scalability Challenges • No Anonymity • Privacy Concerns
5	• Hsiao-Shan Huang • Tian-Sheuan Chang • Jhih-Yi Wu	• Cryptography • Blockchain Technology	• Decentralized • Access Control • Group Management	• Complexity • Size Limitations
6	• Shaoliang Peng	• Blockchain Technology	• Security • Fault Tolerance	• Scalability • Complexity

	• Wenxuan Bao • Hao Liu • Xia Xiao • Jiandong Shang • Lin Han • Shan Wangde • Xiaolan Xie • Yang Xu	• Peer-to-Peer	• Privacy Protection	• Latency
7	• Srikanta Pradhan • Somanath Tripathy • Sukumar Nandi	• Blockchain Technology	• Decentralization • Incentive Mechanism	• Scalability • Complexity

4. References:

[1] N. Jeenath Laila, G. Tamilpavai, S. Saravana Kumar, "File Sharing Using Blockchain," Assistant Professor, Department Of CSE, GCE, Tirunelveli-7, India. Professor, Department Of CSE, GCE, Tirunelveli-7, India. Student, Department Of CSE, GCE, Tirunelveli-7, India. DOI: https://www.doi.org/10.56726/IRJMETS41190.

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[3] U. Satapathy, B. K. Mohanta, S. S. Panda, S. Sobhanayak, and D. Jena, "A Secure Framework for Communication in Internet of Things Application using Hyperledger based Blockchain," Department of Computer Science and Engineering, IIT Bhubaneswar, Odisha, India, 751003. Emails: A117010@iiit-bh.ac.in (Utkalika Satapathy), C116004@iiit-bh.ac.in (Bhabendu Ku. Mohanta), C117011@iiit-bh.ac.in (Soumyashree S Panda), srichandan@iiit-bh.ac.in (Srichandan Sobhanayak), debasish@iiit-bh.ac.in (Debashis Jena).

[4] S. Nakamoto, "Bitcoin: A Peer-to-Peer Electronic Cash System."

[5] H.-S. Huang, T.-S. Chang, J.-Y. Wu, "A Secure File Sharing System Based on IPFS and Blockchain," Department of Electronics Engineering, National Chiao-Tung University, Telecommunication Laboratories, Chunghwa Telecom Co., Ltd., Hsinchu, Taiwan. Emails: tschang@mail.nctu.edu.tw (Tian-Sheuan Chang), ian_wu@cht.com.tw (Jhih-Yi Wu), phm@cht.com.tw (Hsiao-Shan Huang).

[6] S. Wang, Y. Zhang, and Y. Zhang, "A Blockchain-Based Framework for Data Sharing with Fine-Grained Access Control in Decentralized Storage Systems," School of Science, Xi'an University of Technology, Xi'an 710048, China. School of Computer Science and Engineering, Xi'an University of Technology, Xi'an 710048, China. Corresponding author: Yinglong Zhang (ylzhang3550@gmail.com). This work was partly supported by the National Natural Science Foundation of China under Grants 61572019 and 61173192, and partly by the Key Project of Natural Science Foundation of Shaanxi Province of China under Grant 2016JZ001.

[7] S. Pradhan, S. Tripathy, and S. Nandi, "Blockchain-based Security Framework for P2P Filesharing System," Department of Computer Science & Engineering, Indian Institute of Technology Patna, India. Email: srikanta.pcs16@iitp.ac.in (Srikanta Pradhan), som@iitp.ac.in (Somanath Tripathy), sukumar@iitg.ernet.in (Sukumar Nandi).

[8] S. Peng, W. Bao, H. Liu, X. Xiao, J. Shang, L. Han, S. Wang, X. Xie, and Y. Xu, "A Peer-to-Peer File Storage and Sharing System Based on Consortium Blockchain," College of Computer Science and Electronic Engineering, Hunan University, Changsha 410082, China. The State Key Laboratory of Chemo/Biosensing and Chemometrics, Hunan University, Changsha 410082, China. National Supercomputing Center in Zhengzhou, Zhengzhou University, Zhengzhou 450001, China. Faculty of Arts and Humanities, University of Macau, Macau 999078, Macao Special Administrative Region of China. Institute of Collaborative Innovation, University of Macau, Macau 999078, Macao Special Administrative Region of China. College of Information Science and Engineering, Guilin University of Technology, Guilin 541004, China.

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