IJARSCT



International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)

International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal

Volume 4, Issue 2, March 2024

Government Fund Distribution and Tracking System using Blockchain Technology

Sarang Raipurkar¹, Sarthak Jaykar², Sarthak Ahire³, Hitanshu Patil⁴, Prof. Vrushali Paithankar⁵

Students, Department of Computer Engineering^{1,2,3,4} Assistant Professor, Department of Computer Engineering⁵ Smt. Kashibai Navale College of Engineering, Pune, India sarangraipurkar4@gmail.com, 1912saj@gmail.com, sarthakahire456@gmail.com patilhitanshu54@gmail.com, vrushali.paithankar@gmail.com

Abstract: India, whose economy is expanding at the quickest rate in the world, has a lot of potential for drawing in foreign business and adjusting to new developments and technologies. Virtually every area of the industry might benefit greatly from increased and better communication as a result of digitalization. However, there are instances when the few areas of government receive a different share of these techniques. a sizable amount and a significant shift in how a sizable portion of individuals operate. One such technology is blockchain. Every sector in the world uses the disruptive evidence because of its divisive nature, security, and consistency. Cash is allocated in large amounts for interest. Blockchain can be utilised to bridge the transparency gap and offer a completely, y, Blockchain can be used to close that gap and provide a fully secure, consistent financial tracking system.

Keywords: Hash Generation , Key Recovery, Blockchain, Government Funding

REFERENCES

- [1]. Jiafu Wan, Jiapeng Li, Muhammad Imran, Di Li, Fazal-e-Amin, "ABlockchainBased Solution for Enhancing Security and Privacy in Smart Factory", IEEE Transactions on Industrial Informatics Volume: 15, June 2019.
- [2]. Antonios Litke, Dimosthenis Anagnostopoulos, Theodora Varvarigou, "Blockchains for Supply Chain Management: Architectural Elements and Challenges to wards a Global Scale Deployment", MDPI January 2019.
- [3]. Mrs. R.Meenatkshi, Mrs. K.Sivaranjani, "A Comparative Study on Fraud Detection in Financial Statement utilizing Data Mining Technique", International Journal of Computer Science and Mobile Computing, Vol.5 Issue.7, July-2016, pg. 382- 386.
- [4]. Analysis KK Tangod, GH Kulkarni, "Discovery of Financial Statement Fraud utilizing Data Mining Technique and Performance", International Journal of Advanced Research in Computer and Communication Engineering Vol. 4, Issue 7, July 2015.
- [5]. Chi Harold Liu, Senior Member, IEEE, Qiuxia Lin, Shilin Wen. "Blockchain empowered Data Collection and Sharing for Industrial IoT with Deep Reinforcement Learning", IEEE Transaction on Industrial Volume: 15, Issue: 6, June 2019
- [6]. Apoorva Mohite, Ajay Acharya, "Blockchain for government support following utilizing Hyperledger", IEEE Transactions on Fuzzy Systems, April 2018
- [7]. Ning Wang, Jing-Chao Sun, Meng JooEr,"Tracking-Error-Based Universal Adaptive Fuzzy Control for Output Tracking of Nonlinear System with Completely Unknown Dynamics", IEEEAPRIL 2017.
- [8]. Adam Ghandar, Zbigniew Michalewicz, Ralf Zurbruegg, Chee Cheong, "Record Tracking Fund Enhancement Using Evolving Multi-Criteria Fuzzy Decision Models",IEEE Congress on Evolutionary Computation.
- [9]. Shangping Wang, Dongyi Li, Yaling Zhang, Juanjuan Chen, "SavvyContractBased Product Traceability System in the Supply Chain Scenario", IEEE Access, 2019.

Copyright to IJARSCT www.ijarsct.co.in DOI: 10.48175/IJARSCT-15789



IJARSCT



International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)

International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal

Volume 4, Issue 2, March 2024

[10]. M. Kim, B. Hilton, Z. Burks, and J. Reyes,"Coordinating Blockchain, Smart Contract-Tokens, and IoT to Design a Food Traceability Solution," in ninth IEEE Annual Information Technology, Electronics and Mobile Communication Conference (IEMCON), Univ British Columbia, Vancouver, Canada, Nov. 2018

