

Prevention Based On Blockchain

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Abstract: Introduced new paradigms and is increasingly contributing to the enhancement of banking quarter products. The purpose of this article is to examine a few of the most important and well-known enabled banking zone offers, as well as their current benefits and challenges. The fake cheque scam is one of the most prevalent methods of defrauding people. There is currently no method for rapidly authenticating cheque and detecting bogus ones. Instead, banks must wait for a longer length of time to uncover the fraud. More specifically, our solution enables banks to communicate information about provided and used cheque while protecting the personal information of bank clients. Fake cheque can take many different shapes. They could appear to be commercial or personal cheque.

Keywords: Authentication, Blockchain, Fake cheque

REFERENCES

- [1]. Steven Baker. Don't Cash That Check: BBB Study Shows How Fake Check Scams Bait Consumers. Technical report, Better Business Bureau (BBB), September, 2020.
- [2]. Lydia M Rose. Modernizing Check Fraud Detection with Machine Learning. PhD thesis, Utica College, 2021.
- [3]. Federal Trade Commission. Consumer sentinel network data book 2017. Technical report..
- [4]. Colleen Tressler. FTC: The bottom-line on fake checks scams. Technical report, Federal Trade Commission (FTC), February 10, 2020.
- [5]. Federal Bureau of Investigation/Internet Crime Complaint Center. internet crime report. Technical report.
- [6]. Karla Pak and Doug Shadel. Aarp foundation national fraud victim study. Washinton, DC.
- [7]. Chun-Der Chen and Li-Ting Huang. Online deception investigation: Content analysis and cross-cultural comparison. International Journal of Business and Information.
- [8]. Konstantinos Christidis and Michael Devetsikiotis. Blockchains and smart contracts for the internet of things. IEEE Access, 4:2292–2303,
- [9]. Ana Reyna, Cristian Martín, Jaime Chen, Enrique Soler, and Manuel Díaz. On blockchain and its integration with iot. challenges and opportunities. Future Generation Computer.
- [10]. Mohamed Tahar Hammi, Badis Hammi, Patrick Bellot, and Ahmed Serhrouchni. Bubbles of Trust: A decentralized blockchain-based authentication system for IoT. Computers & Security, 78:126–142, 2018.
- [11]. Ronan M Factora. Financial and legal methods to protect individuals from financial exploitation. In Aging and Money, pages 109–122. Springer.
- [12]. Craig W. Smith. Defense to a payor bank's liability for late returns CCH Deposit Law Notes,2(6):8, 2021.
- [13]. Ann T Riggs and Paula M Podrazik. Financial exploitation of the elderly: review of the epidemic—its victims, national impact, and [13]legislative solutions. In Aging and Money, pages 1–18. Springer.
- [14]. Jackie Jones and Damon McCoy. The check is in the mail: Monetization of craigslist buyer scams. In APWG Symposium on Electronic Crime Research (eCrime), pages 25–35.
- [15]. Idowu Abiola. An assessment of fraud and its management in nigeria commercial banks. European journal of social sciences, 10(4):628–640.
- [16]. JA Ojo. Effect of bank frauds on banking operations in nigeria.
- [17]. International Journal of Investment and Finance, 1(1):103.
- [18]. Saheb Chhabra, Garima Gupta, Monika Gupta, and Gaurav Gupta. Detecting fraudulent bank checks. In IFIP International Conference on Digital Forensics, pages 245–266. Springer.

- [19]. Rajesh Kumar and Gaurav Gupta. Forensic authentication of bank checks. In IFIP International Conference on Digital Forensics, pages 311–322. Springer, 2020.
- [20]. Romanoff E Smagala. Coded checks and in methods of coding. US Patent 3,829,133.