REFERENCES

[1] D. H. Kurniawan, P. Sukarno, and A. A. Wardana, "E-voting and e-recapitulation system using smart cards and smart contracts on the ethereum blockchain," in *Proceedings of Ninth International Congress on Information and Communication Technology*, X.-S. Yang, S. Sherratt, N. Dey, and A. Joshi, Eds. Singapore: Springer Nature Singapore, 2024, pp. 151–161.

[2] S. Risnanto, O. Mohd, N. Hafeizah, N. Mardiana, Abdurrohman, and Hersusetiyati, "Constructing and optimizing an evaluation model for the implementation of electronic voting: An indonesian case study," *Mathematical Modelling of Engineering Problems*, vol. 10, no. 4, pp. 1401–1408, 2023.

[3] G. Habib, S. Sharma, S. Ibrahim, I. Ahmad, S. Qureshi, and M. Ishfaq, "Blockchain technology: benefits, challenges, applications, and integration of blockchain technology with cloud computing," *Future Internet*, vol. 14, no. 11, p. 341, 2022.

[4] M. A. Fachrian, P. Sukarno, and A. A. Wardana, "Decentralize transaction records of digital payment gateway using ethereum blockchain and interplanetary file system," *Procedia Computer Science*, vol. 237, pp. 269–276, 2024, international Conference on Industry Sciences and Computer Science Innovation. [Online]. Available: https://www.sciencedirect.com/science/article/pii/S1877050924011219

[5] M. Hajian Berenjestanaki, H. R. Barzegar, N. El Ioini, and C. Pahl, "Blockchain-based e-voting systems: A technology review," *Electronics*, vol. 13, no. 1, p. 17, 2023.

[6] X. Sun, F. R. Yu, P. Zhang, Z. Sun, W. Xie, and X. Peng, "A survey on zero-knowledge proof in blockchain," *IEEE network*, vol. 35, no. 4, pp. 198–205, 2021.

[7] V. Dwivedi, A. Norta, A. Wulf, B. Leiding, S. Saxena, and C. Udokwu, "A formal specification smart-contract language for legally binding decentralized autonomous organizations," *IEEE access*, vol. 9, pp. 76 069–76 082, 2021.

[8] X. Ge, "Smart payment contract mechanism based on blockchain smart contract mechanism," *Scientific Programming*, vol. 2021, no. 1, p. 3988070, 2021.

[9] F. Þ. Hjálmarsson, G. K. Hreiðarsson, M. Hamdaqa, and G. Hjálmtỳsson, "Blockchain-based e-voting system," in *2018 IEEE 11th international conference on cloud computing (CLOUD)*. IEEE, 2018, pp. 983–986.

[10] R. Tso, Z.-Y. Liu, and J.-H. Hsiao, "Distributed e-voting and e-bidding systems based on smart contract," *Electronics*, vol. 8, no. 4, p. 422, 2019.

[11] A. Bhawiyuga, A. Basuki, and N. W. Tiera, "An ethereum based distributed application for ensuring the integrity of stored e-voting data," in *Proceedings of the 6th International Conference on Sustainable Information Engineering and Technology*, 2021, pp. 235–239.

[12] G. Rathee, R. Iqbal, O. Waqar, and A. K. Bashir, "On the design and implementation of a blockchain enabled e-voting application within iot-oriented smart cities," *IEEE Access*, vol. 9, pp. 34 165–34 176, 2021.

[13] S. Khan, A. Arshad, G. Mushtaq, A. Khalique, and T. Husein, "Implementation of decentralized blockchain e-voting," *EAI Endorsed Transactions on Smart Cities*, vol. 4, no. 10, p. 164859, 2020.

[14] S. Nakamoto, "Bitcoin: A peer-to-peer electronic cash system," 2008. [Online]. Available: www.bitcoin.org

[15] M. Fadhil, P. Sukarno, and A. A. Wardana, "Decentralized privacy-preserving solution through blockchain smart contracts and spatial cloaking for ride sharing application," in *Intelligent Computing*, K. Arai, Ed. Cham: Springer Nature Switzerland, 2024, pp. 377–395.

[16] Z. Zheng, S. Xie, H. Dai, X. Chen, and H. Wang, "An overview of blockchain technology: Architecture, consensus, and future trends," in *2017 IEEE 6th International Congress on Big Data (BigData Congress)*. IEEE, 2017, pp. 557–564.

[17] D. Mingxiao, M. Xiaofeng, Z. Zhe, W. Xiangwei, and C. Qijun, "A review on consensus algorithm of blockchain," in *2017 IEEE international conference on systems, man, and cybernetics (SMC)*. IEEE, 2017, pp. 2567–2572.

[18] S. N. Khan, F. Loukil, C. Ghedira-Guegan, E. Benkhelifa, and A. Bani-Hani, "Blockchain smart contracts: Applications, challenges, and future trends," *Peer-to-peer Networking and Applications*, vol. 14, pp. 2901–2925, 2021.

[19] V. Y. Kemmoe, W. Stone, J. Kim, D. Kim, and J. Son, "Recent advances in smart contracts: A technical overview and state of the art," *IEEE Access*, vol. 8, pp. 117 782–117 801, 2020.

[20] Y. Huang, Y. Bian, R. Li, J. L. Zhao, and P. Shi, "Smart contract security: A software lifecycle perspective," *IEEE Access*, vol. 7, pp. 150 184–150 202, 2019.