



REFERENSI

- [1] S. Singh and M. Kandpal, "A Comprehensive Survey on Trust Management in Fog Computing," in *Lecture Notes in Networks and Systems*, 2022. doi: 10.1007/978-981-16-5655-2_9.
- [2] S. Madakam, R. Ramaswamy, and S. Tripathi, "Internet of Things (IoT): A Literature Review," *Journal of Computer and Communications*, vol. 03, no. 05, pp. 164–173, 2015, doi: 10.4236/jcc.2015.35021.
- [3] Project CASAGRAS, "CASAGRAS Final Report: RFID and the Inclusive Model for the Internet of Things," *Sci Am*, vol. 291, no. 4, 2009.
- [4] R. Aggarwal and M. L. Das, "RFID security in the context of internet of things," in *ACM International Conference Proceeding Series*, 2012. doi: 10.1145/2490428.2490435.
- [5] A. M. Konsta, A. L. Lafuente, and N. Dragoni, "A Survey of Trust Management for Internet of Things," *IEEE Access*, vol. 11, 2023, doi: 10.1109/ACCESS.2023.3327335.
- [6] E. Schiller, A. Aidoo, J. Fuhrer, J. Stahl, M. Ziörjen, and B. Stiller, "Landscape of IoT security," *Comput Sci Rev*, vol. 44, 2022, doi: 10.1016/j.cosrev.2022.100467.
- [7] W. Najib, S. Sulistyono, and Widyawan, "Tinjauan Ancaman dan Solusi Keamanan pada Teknologi Internet of Things," *Jurnal Nasional Teknik Elektro dan Teknologi Informasi*, vol. 9, no. 4, pp. 375–384, 2020, doi: 10.22146/jnteti.v9i4.539.
- [8] W. Najib, S. Sulistyono, and Widyawan, "QS-Trust: An IoT ecosystem security model incorporating quality of service and social factors for trust assessment," *Communications in Science and Technology*, vol. 9, no. 1, pp. 153–160, 2024, doi: 10.21924/cst.9.1.2024.1419.
- [9] M. N. Bouchedakh, "Generic Trust Framework for IoT applications," Ph.D. dissertation, Haute Ecole Specialisee de Suisse occidentale, Geneva, 2018.
- [10] Y. Cui and D. Lei, "Design of Highway Intelligent Transportation System Based on the Internet of Things and Artificial Intelligence," *IEEE Access*, vol. 11, pp. 46653–46664, 2023, doi: 10.1109/ACCESS.2023.3275559.
- [11] F. Zantalis, G. Koulouras, S. Karabetsos, and D. Kandris, "A review of machine learning and IoT in smart transportation," *Future Internet*, vol. 11, no. 4, 2019, doi: 10.3390/FI11040094.
- [12] K. Ito, G. Hirakawa, Y. Arai, and Y. Shibata, "A road condition monitoring system using various sensor data in vehicle-to-vehicle communication environment," *International*



- Journal of Space-Based and Situated Computing*, vol. 6, no. 1, 2016, doi: 10.1504/ijssc.2016.076572.
- [13] H. Zhang and X. Lu, “Vehicle communication network in intelligent transportation system based on Internet of Things,” *Comput Commun*, vol. 160, pp. 799–806, May 2020, doi: 10.1016/j.comcom.2020.03.041.
- [14] A. Rudskoy, I. Ilin, and A. Prokhorov, “Digital Twins in the Intelligent Transport Systems,” in *Transportation Research Procedia*, 2021. doi: 10.1016/j.trpro.2021.02.152.
- [15] Y. Wang, Y. Zou, H. Zhao, and H. Sri, “Video image vehicle detection system for signaled traffic intersection,” in *Proceedings - 2009 9th International Conference on Hybrid Intelligent Systems, HIS 2009*, 2009. doi: 10.1109/HIS.2009.51.
- [16] M. L. Mfenjou, A. A. Abba Ari, W. Abdou, F. Spies, and Kolyang, “Methodology and trends for an intelligent transport system in developing countries,” *Sustainable Computing: Informatics and Systems*, vol. 19, pp. 96–111, 2018, doi: 10.1016/j.suscom.2018.08.002.
- [17] B. Zeddini, M. Maachaoui, and Y. Inedjaren, “Security Threats in Intelligent Transportation Systems and Their Risk Levels,” *Risks*, vol. 10, no. 5, May 2022, doi: 10.3390/risks10050091.
- [18] E. Borgia, “The internet of things vision: Key features, applications and open issues,” *Comput Commun*, vol. 54, pp. 1–31, 2014, doi: 10.1016/j.comcom.2014.09.008.
- [19] J. Guo, I. R. Chen, and J. J. P. Tsai, “A survey of trust computation models for service management in internet of things systems,” *Comput Commun*, vol. 97, pp. 1–14, 2017, doi: 10.1016/j.comcom.2016.10.012.
- [20] M. Saeed, M. Aftab, R. Amin, and D. Koundal, “Trust Management Model in IoT: A Comprehensive Survey,” in *Lecture Notes in Networks and Systems*, 2022. doi: 10.1007/978-3-030-96299-9_64.
- [21] S. Joshi and D. K. Mishra, “A roadmap towards trust management & privacy preservation in mobile ad hoc networks,” in *Proceedings of 2016 International Conference on ICT in Business, Industry, and Government, ICTBIG 2016*, 2017. doi: 10.1109/ICTBIG.2016.7892714.
- [22] P. P. Ray, “A survey on Internet of Things architectures,” *Journal of King Saud University - Computer and Information Sciences*, vol. 30, no. 3, pp. 1–14, 2018, doi: 10.1016/j.jksuci.2016.10.003.
- [23] A. Sharma, E. S. Pilli, A. P. Mazumdar, and P. Gera, “Towards trustworthy Internet of Things: A survey on Trust Management applications and schemes,” 2020. doi: 10.1016/j.comcom.2020.06.030.



- [24] K. N. Qureshi, A. Iftikhar, S. N. Bhatti, F. Piccialli, F. Giampaolo, and G. Jeon, "Trust management and evaluation for edge intelligence in the Internet of Things," *Eng Appl Artif Intell*, vol. 94, 2020, doi: 10.1016/j.engappai.2020.103756.
- [25] M. Nitti, R. Girau, and L. Atzori, "Trustworthiness management in the social internet of things," *IEEE Trans Knowl Data Eng*, vol. 26, no. 5, pp. 1253–1266, 2014, doi: 10.1109/TKDE.2013.105.
- [26] K. A. Awan, I. U. Din, M. Zareei, M. Talha, M. Guizani, and S. U. Jadoon, "HoliTrust-A holistic cross-domain trust management mechanism for service-centric internet of things," *IEEE Access*, vol. 7, 2019, doi: 10.1109/ACCESS.2019.2912469.
- [27] V. Suryani, S. Sulistyono, and W. Widyawan, "Internet of Things (IoT) Framework for Granting Trust among Objects," *Journal of Information Processing Systems*, vol. 13, no. 6, pp. 1613–1627, 2017.
- [28] D. Chen, G. Chang, D. Sun, J. Li, J. Jia, and X. Wang, "TRM-IoT: A trust management model based on fuzzy reputation for internet of things," *Computer Science and Information Systems*, vol. 8, no. 4, 2011, doi: 10.2298/csis110303056c.
- [29] N. Salaheddin ELGHERIANI and N. D. Ali Salem AHME, "MICROSERVICES VS. MONOLITHIC ARCHITECTURES [THE DIFFERENTIAL STRUCTURE BETWEEN TWO ARCHITECTURES]," *MINAR International Journal of Applied Sciences and Technology*, vol. 4, no. 3, pp. 500–514, Sep. 2022, doi: 10.47832/2717-8234.12.47.
- [30] A. Hannousse and S. Yahiouche, "Securing microservices and microservice architectures: A systematic mapping study," *Comput Sci Rev*, vol. 41, Aug. 2021, doi: 10.1016/j.cosrev.2021.100415.
- [31] R. Nasim and A. Kessler, "Distributed architectures for Intelligent Transport Systems: A survey," *Proceedings - IEEE 2nd Symposium on Network Cloud Computing and Applications, NCCA 2012*, pp. 130–136, 2012, doi: 10.1109/NCCA.2012.15.
- [32] M. A. Khder, "Web scraping or web crawling: State of art, techniques, approaches and application," *International Journal of Advances in Soft Computing and its Applications*, vol. 13, no. 3, 2021, doi: 10.15849/ijasca.211128.11.
- [33] A. I. P. IVAN, H. Arfandy, and H. Surasa, "PENGEMBANGAN SERVIO MENGGUNAKAN FULL REST API UNTUK MENDUKUNG LAYANAN MULTIPLATFORM," *KHARISMA Tech*, vol. 16, no. 2, 2021, doi: 10.55645/kharismatech.v16i2.108.
- [34] T. Kumar, "Solution of Linear and Non Linear Regression Problem by K Nearest Neighbour Approach: By Using Three Sigma Rule," in *2015 IEEE International Conference on*



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Computational Intelligence & Communication Technology, IEEE, Feb. 2015, pp. 197–201.

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