DAFTAR PUSTAKA

[1] H. Mahfoodh and H. Alatawi, "Sustaining higher education through Elearning in post COVID-19," in *Proceedings of the International Conference on e-Learning, ICEL*, Dec. 2020, vol. 2020-December, pp. 361–365. doi: 10.1109/econf51404.2020.9385477.

[2] M. Zabolotniaia, Z. Cheng, E. M. Dorozhkin, and A. I. Lyzhin, "Use of the LMS Moodle for an effective implementation of an innovative policy in higher educational institutions," *International Journal of Emerging Technologies in Learning*, vol. 15, no. 13, 2020, doi: 10.3991/ijet.v15i13.14945.

[3] P. (Paul M.) Cunningham, M. Cunningham, International Information Management Corporation, and Institute of Electrical and Electronics Engineers, "Using Mobile Moodle to Enhance Moodle LMS Accessibility and Usage at the University of Dar es Salaam," 2016.

[4] L. de La Torre, R. Heradio, and J. Sanchez, "Enhancing Web-Based Labs in Moodle by Providing Automatic Support for Different Types of Files," 2015. [Online]. Available: https://moodle.org/plugins/browse.php?list=set&id=27

[5] A. Zaini, H. Santoso, and M. P. T. Sulistyanto, "Fault tolerance strategy to increase Moodle service reliability," in *Journal of Physics: Conference Series*, Apr. 2021, vol. 1869, no. 1. doi: 10.1088/1742-6596/1869/1/012095.

[6] Y. Pribadi, A. B. Putra Negara, and M. A. Irwansyah, "Analisis Penggunaan Metode Failover Clustering untuk Mencapai High Availability pada Web Server (Studi Kasus: Gedung Jurusan Informatika)," *Jurnal Sistem dan Teknologi Informasi (Justin)*, vol. 8, no. 2, p. 218, Apr. 2020, doi: 10.26418/justin.v8i2.31965.

[7] J. Lee and K. Lee, "Synceye: An availability measurement tool for embedded systems," in *Proceedings - Asia-Pacific Software Engineering Conference, APSEC*, 2014, vol. 2, pp. 15–18. doi: 10.1109/APSEC.2014.84.

[8] M. Rahman, S. Iqbal, and J. Gao, "Load balancer as a service in cloud computing," in *Proceedings - IEEE 8th International Symposium on Service Oriented System Engineering, SOSE 2014*, 2014, pp. 204–211. doi: 10.1109/SOSE.2014.31.

[9] J. Zhang *et al.*, “Fast switch-based load balancer considering application server states,” *IEEE/ACM Transactions on Networking*, vol. 28, no. 3, pp. 1391–1404, Jun. 2020, doi: 10.1109/TNET.2020.2981977.

[10] Y. Ahn and Y. Kim, “VM auto-scaling for workflows in hybrid cloud computing,” in *Proceedings - 2014 International Conference on Cloud and Autonomic Computing, ICCAC 2014*, Jan. 2015, pp. 237–240. doi: 10.1109/ICCAC.2014.34.

[11] Y. Guo, A. L. Stolyar, and A. Walid, “Online VM Auto-Scaling Algorithms for Application Hosting in a Cloud,” *IEEE Transactions on Cloud Computing*, vol. 8, no. 3, pp. 889–898, Jul. 2020, doi: 10.1109/TCC.2018.2830793.

[12] William. Stallings, *Data and computer communications*. Pearson/Prentice Hall, 2007.

[13] nginx, “https://nginx.org/en/,” Jun. 2022.

[14] PostgreSQL, “About PostgreSQL,” Jun. 2022. https://www.postgresql.org/about/ (accessed Jun. 19, 2022).

[15] Gibadullin R.F, Vershinin I.S, and Minyazev R.Sh, “Realization of Replication Mechanism in PostgreSQL DBMS,” 2017.

[16] Apache JMeter, “About Apache JMeter,” 2022. https://jmeter.apache.org/ (accessed Jun. 19, 2022).

[17] Univerzitet u Istočnom Sarajevu. Faculty of Electrical Engineering, IEEE Industry Applications Society, Institute of Electrical and Electronics Engineers. Bosnia and Herzegovina Section, Institute of Electrical and Electronics Engineers. Serbia and Montenegro Section, and Institute of Electrical and Electronics Engineers, “Implementation of High-Availability Server Cluster by Using Fencing Concept,” 2019.