DAFTAR PUSTAKA

[1] R. Ardiansyah and D. Diella, "Implementasi e-learning berbasis assessment for learning untuk meningkatkan performa belajar mahasiswa," *BIOSFER : Jurnal Biologi dan Pendidikan Biologi*, vol. 3, 01 2019.

[2] N. Suzen, A. Gorban, J. Levesley, and E. Mirkes, "Automatic short answer grading and feedback using text mining methods," *Procedia Computer Science*, vol. 169, pp. 726–743, 01 2020.

[3] C. Lu and M. Cutumisu, "Integrating deep learning into an automated feedback generation system for automated essay scoring," in *Integrating Deep Learning into An Automated Feedback Generation System for Automated Essay Scoring*, 10 2021.

[4] A. H. Nugroho, I. Hidayah, and S. S. Kusumawardani, "Transformer model fine-tuning for indonesian automated essay scoring with semantic textual similarity," in *2022 5th International Seminar on Research of Information Technology and Intelligent Systems (ISRITI)*, 2022, pp. 118–124.

[5] Q. Jia, M. Young, Y. Xiao, J. Cui, C. Liu, P. Rashid, and E. Gehringer, "Insta-reviewer: A data-driven approach for generating instant feedback on students' project reports," in *Proceedings of the 15th International Conference on Educational Data Mining*, A. Mitrovic and N. Bosch, Eds. Durham, United Kingdom: International Educational Data Mining Society, July 2022, pp. 5–16.

[6] M. Zhu, O. L. Liu, and H.-S. Lee, "The effect of automated feedback on revision behavior and learning gains in formative assessment of scientific argument writing," *Computers & Education*, vol. 143, p. 103668, 2020. [Online]. Available: https://www.sciencedirect.com/science/article/pii/S0360131519302210

[7] L. Leppänen, A. Hellas, and J. Leinonen, "Piloting natural language generation for personalized progress feedback," in *2022 IEEE Frontiers in Education Conference (FIE)*, 2022, pp. 1–8.

[8] K. Wang, R. Singh, and Z. Su, "Search, align, and repair: data-driven feedback generation for introductory programming exercises," 06 2018, pp. 481–495.

[9] E. Kochmar, D. Vu, R. Belfer, I. Serban, and J. Pineau, "Automated data-driven generation of personalized pedagogical interventions in intelligent tutoring systems," *International Journal of Artificial Intelligence in Education*, vol. 32, 07 2021.

[10] G. Sanuvala and S. S. Fatima, "A study of automated evaluation of student's examination paper using machine learning techniques," in *2021 International Conference on Computing, Communication, and Intelligent Systems (ICCCIS)*, 2021, pp. 1049–1054.

[11] A.-R. Muhammad, A. E. Permanasari, and I. Hidayah, "Personalized recommendation of study materials based on automatic short answer scoring results," in *2022 8th International Conference on Education and Technology (ICET)*, 2022, pp. 70–75.

[12] D. W. T. S. Y. R. A. P. A. A. A. Fetty Fitriyanti Lubis, Mutaqin, "Automated short-answer grading using semantic similarity based on word embedding," *International Journal of Technology*, vol. 12, no. 3, pp. 571–581, Jul 2021.

[13] X. Ye and S. Manoharan, "Providing automated grading and personalized feedback," 12 2019, pp. 1–5.

[14] N. Winstone and D. Boud, "The need to disentangle assessment and feedback in higher education," *Studies in Higher Education*, vol. 47, pp. 1–12, 06 2020.

[15] T. Mcconlogue, *Assessment and Feedback in Higher Education: A Guide for Teachers*, 05 2020.

[16] Q. Hao, J. P. Wilson, C. Ottaway, N. Iriumi, K. Arakawa, and D. H. Smith, "Investigating the essential of meaningful automated formative feedback for programming assignments," in *2019 IEEE Symposium on Visual Languages and Human-Centric Computing (VL/HCC)*. IEEE, oct 2019. [Online]. Available: https://doi.org/10.1109%2Fvlhcc.2019.8818922

[17] [Online]. Available: https://developers.google.com/custom-search/docs/overview

[18] S. Ramírez-Gallego, B. Krawczyk, S. García, M. Woźniak, and F. Herrera, "A survey on data preprocessing for data stream mining: Current status and future directions," *Neurocomputing*, vol. 239, pp. 39–57, 2017. [Online]. Available: https://www.sciencedirect.com/science/article/pii/S0925231217302631

[19] T. Mikolov, K. Chen, G. Corrado, and J. Dean, "Efficient estimation of word representations in vector space," 2013.

[20] J. Pennington, R. Socher, and C. Manning, "GloVe: Global vectors for word representation," in *Proceedings of the 2014 Conference on Empirical Methods in Natural Language Processing (EMNLP)*. Doha, Qatar: Association for Computational Linguistics, Oct. 2014, pp. 1532–1543. [Online]. Available: https://aclanthology.org/D14-1162

[21] P. Bojanowski, E. Grave, A. Joulin, and T. Mikolov, "Enriching word vectors with subword information," 2017.

[22] J. Devlin, M.-W. Chang, K. Lee, and K. Toutanova, "Bert: Pre-training of deep bidirectional transformers for language understanding," 2019.

[23] N. Reimers and I. Gurevych, "Sentence-bert: Sentence embeddings using siamese bert-networks," 2019.

[24] ——, "Sentence-bert: Sentence embeddings using siamese bert-networks," 2019.

[25] A. R. Lahitani, A. E. Permanasari, and N. A. Setiawan, "Cosine similarity to determine similarity measure: Study case in online essay assessment," in *2016 4th International Conference on Cyber and IT Service Management*, 2016, pp. 1–6.

[26] S. Rose, D. Engel, N. Cramer, and W. Cowley, *Automatic Keyword Extraction from Individual Documents*, 03 2010, pp. 1 – 20.

[27] J. Li, "A comparative study of keyword extraction algorithms for english texts," *Journal of Intelligent Systems*, vol. 30, pp. 808–815, 07 2021.

[28] M. Neuhäuser, *Wilcoxon–Mann–Whitney Test*. Berlin, Heidelberg: Springer Berlin Heidelberg, 2011, pp. 1656–1658. [Online]. Available: https://doi.org/10.1007/978-3-642-04898-2_615