

## DAFTAR PUSTAKA

- [1] R. Kurniadi, D. Yaldi, and S. Wahyuni, “Tracer Alumni: Memahami Hubungan antara Kualitas Pendidikan Tinggi dan Kepuasan Mahasiswa dalam Konteks Kompetensi Lulusan dan Kemitraan dengan Industri,” *Jmp-Dmt*, vol. 5, no. 4, pp. 2024–523, 2024, [Online]. Available: <https://doi.org/10.30596/jmp-dmt.v5i4.20976>
- [2] W. Firdaus, “Tracer Study Design With Whatsapp Chatbot Integration Using Natural Language Processing,” *Inf. Technol. Int. J.*, vol. 2, no. 2, pp. 89–95, 2024, doi: 10.33005/itij.v2i2.24.
- [3] A. E. Suryanto, M. A. Lumbantobing, and R. Pancawati, “Transformasi Pendidikan Melalui Penggunaan Chatbot: Manfaat , Tantangan , dan Rekomendasi untuk Masa Depan,” vol. 06, no. 04, pp. 20466–20477, 2024.
- [4] V. Vitriani and S. ramadani Ramadani, “Efektivitas Penggunaan Chatbot AI sebagai Media Pembelajaran Interaktif terhadap Keterampilan Logika Pemrograman Siswa SMK Kelas 12 TKJ,” *EduTeach J. Edukasi dan Teknol. Pembelajaran*, vol. 6, no. 01, pp. 26–32, 2025, doi: 10.37859/eduteach.v6i01.8308.
- [5] R. Ristiawan, “Predicting Student Final Grades Using Random Forest Algorithms and Linear Regression,” vol. 08, no. 03, pp. 441–448, 2025.
- [6] S. A. Mohamed Yusoff, J. Othman, A. Mohd Mydin, W. A. Wan Mohamad, E. J. Johan, and A. F. Mohamed Yusoff, “Students’ Academic Performance: Prediction using Machine Learning Approaches,” *Int. J. Acad. Res. Progress. Educ. Dev.*, vol. 13, no. 3, pp. 1778–1792, 2024, doi:

10.6007/ijarped/v13-i3/22164.

- [7] T. Chen and C. Guestrin, “XGBoost: A Scalable Tree Boosting System,” in *Proc. ACM SIGKDD*, 2016, pp. 785–794.
- [8] G. Jo Kim, *GRADUATE EMPLOYABILITY IN ASIA UNESCO Bangkok Asia and Pacific Regional Bureau for Education*. 2012.
- [9] Direktorat Jenderal Pendidikan Tinggi, “Pedoman Tracer Study Perguruan Tinggi,” Jakarta, 2017.
- [10] T. B. G. Egziabher and S. Edwards, “PENGEMBANGAN SISTEM INFORMASI PENGELOLAAN DATA ALUMNI (TRACER STUDY) DI SMK NEGERI 1 BULUKUMBA Lia,” *Africa’s potential Ecol. Intensif. Agric.*, vol. 53, no. 9, pp. 1689–1699, 2013.
- [11] M. A. Robbani, “Sistem Informasi Alumni Program Studi Sistem,” vol. 5, no. 2, pp. 153–160, 2019.
- [12] R. M. Stair and G. W. Reynolds, *Principles of Information Systems*, 14th ed. Boston: Cengage Learning, 2020.
- [13] K. C. Laudon and J. P. Laudon, *Management Information Systems*, 16th ed. New York: Pearson, 2021.
- [14] Suharso and P. Purnomo, “Pengembangan Sistem Tracer Study Berbasis Web,” *J. Teknol. Inf.*, vol. 10, no. 2, pp. 45–52, 2019.
- [15] R. J. Lontaan and A. R. Sinadia, “Implementasi Tracer Study Berbasis Web di Sekolah Menengah Kejuruan,” *Sumikolah J. Ilmu Pendidik.*, vol. 3, no. 1, pp. 38–48, 2025.

- [16] D. W. Harahap and L. Fitria, “a Web-Based Chatbot Application Using the Dialogflow Method,” *J. Inform. Dan Teknol. Komput.*, vol. 1, no. 1, pp. 6–13, 2020, [Online]. Available: <https://ejurnalunsam.id/index.php/jicom/article/view/2796/>
- [17] PerDirjen, “Peraturan Direktur Jenderal Pendidikan Vokasi Nomor 24 Tahun 2023 Tentang Pedoman Pelaksanaan Penelusuran Lulusan/Tracer Study Bagi Sekolah Menengah Kejuruan,” 2023.
- [18] A. Følstad and P. B. Brandtzæg, “Chatbots and the New World of HCI,” *Interactions*, vol. 24, no. 4, pp. 38–42, 2017.
- [19] D. Jurafsky and J. H. Martin, *Speech and Language Processing*, 3rd ed. Prentice Hall, 2021.
- [20] L. K. Fryer, K. Nakao, and A. Thompson, “Chatbots for Education: A Review,” *Educ. Technol. Res. Dev.*, vol. 68, no. 1, pp. 1–20, 2020.
- [21] R. Winkler and M. Söllner, “Unleashing the Potential of Chatbots in Education,” in *Proceedings of the European Conference on Information Systems (ECIS)*, 2018.
- [22] S. Russell and P. Norvig, *Artificial Intelligence: A Modern Approach*, 4th ed. Pearson, 2021.
- [23] I. Goodfellow, Y. Bengio, and A. Courville, *Deep Learning*. Cambridge: MIT Press, 2016.
- [24] E. Sabna, “Data Mining Dengan 2 (Dua) Model Klasifikasi Untuk Prediksi Kinerja Mahasiswa,” *J. Ilmu Komput.*, vol. 10, no. 2, pp. 128–131, 2021,

doi: 10.33060/jik/2021/vol10.iss2.229.

- [25] M. Reza, S. Miri, and R. Javidan, “((PDF) Random Forests and Decisio,” *Int. J. Adv. Comput. Sci. Appl.*, vol. 7, no. 6, pp. 1–33, 2016.
- [26] Python Software Foundation, “Python Documentation,” 2023. [Online]. Available: <https://www.python.org>
- [27] Pallets Project, “Flask Documentation,” 2023. [Online]. Available: <https://flask.palletsprojects.com>
- [28] J. Nielsen, *Usability Engineering*. San Francisco: Morgan Kaufmann, 1993.
- [29] J. Brooke, “SUS: A ‘Quick and Dirty’ Usability Scale,” *Usability Eval. Ind.*, pp. 207–212, 2020, doi: 10.1201/9781498710411-35.
- [30] K. Orfanou, N. Tselios, and C. Katsanos, “Perceived usability evaluation of learning management systems: Empirical evaluation of the system usability scale,” *Int. Rev. Res. Open Distrib. Learn.*, vol. 16, no. 2, pp. 227–246, 2015, doi: 10.19173/irrodl.v16i2.1955.
- [31] A. R. Deluma, R. Maku, and S. Syahrial, “Kuliah Kerja Dakwah,” *J. Ilmu Komput.*, vol. 2, 2023.