

## DAFTAR PUSTAKA

- Adjabi, I., Ouahabi, A., Benzaoui, A., & Taleb-Ahmed, A. (2020). Past, Present, and Future of Face Recognition: A Review. *Electronics*, 9(8), 1188. <https://doi.org/10.3390/electronics9081188>
- Ahadit, A. B., & Jatoth, R. K. (2022). A novel multi-feature fusion deep neural network using HOG and VGG-Face for facial expression classification. *Machine Vision and Applications*, 33(4). <https://doi.org/10.1007/s00138-022-01304-y>
- Ajimi, S. (2019). Implementation of Face Recognition based Attendance System using LBPH. *International Journal of Engineering Research & Technology (IJERT)*, Volume 08(03), 195–197. <https://doi.org/10.17577/IJERTV8IS030135>
- Arora, R., & Arora, N. (2016). Analysis of SDLC Models. *International Journal of Current Engineering and Technology (IJCET)*, 6(1). <https://inpressco.com/analysis-of-sdlc-models/>
- Arsenovic, M., Sladojevic, S., Anderla, A., & Stefanovic, D. (2017). FaceTime — Deep learning based face recognition attendance system. *2017 IEEE 15th International Symposium on Intelligent Systems and Informatics (SISY)*. <https://doi.org/10.1109/sisy.2017.8080587>
- Bai, X., Jiang, F., Shi, T., & Wu, Y. (2020). Design of Attendance System Based on Face Recognition and Android Platform. *2020 International Conference on Computer Network, Electronic and Automation (ICCNEA)*. <https://doi.org/10.1109/iccnea50255.2020.00033>
- Benzaoui, A., Bourouba, H., & Boukrouche, A. (2012). System for automatic faces detection. *2012 3rd International Conference on Image Processing Theory, Tools and Applications (IPTA)*. <https://doi.org/10.1109/ipta.2012.6469545>
- Billah, E. (2021, December 7). *Tahapan-Tahapan SDLC Protoype* - Ersandi Billah. Medium. <https://medium.com/@ersandibillah03/sdlc-prototype-8a3323c1ca33>
- Elias, S. J., Hatim, S. M., Hassan, N. A., Abd Latif, L. M., Ahmad, R. B., Darus, M. Y., & Shahuddin, A. Z. (2019). Face recognition attendance system using Local Binary Pattern (LBP). *Bulletin of Electrical Engineering and Informatics*, 8(1), 239–245. <https://doi.org/10.11591/eei.v8i1.1439>
- Firmansyah, Y., Maulana, R., & Maulana, M. S. (2021). Implementasi Metode SDLC Prototype Pada Sistem Informasi Indeks Kepuasan Masyarakat (IKM) Berbasis Website Studi Kasus Dinas Kependudukan Dan Catatan Sipil. *Jurnal Sistem Dan Teknologi Informasi (Justin)*, 9(3), 315. <https://doi.org/10.26418/justin.v9i3.46964>

- Guo, G., & Zhang, N. (2019). A survey on deep learning based face recognition. *Computer Vision and Image Understanding*, 189, 102805. <https://doi.org/10.1016/j.cviu.2019.102805>
- Gurung, G., Shah, R., & Jaiswal, D. P. (2020). Software Development Life Cycle Models-A Comparative Study. *International Journal of Scientific Research in Computer Science, Engineering and Information Technology*, 30–37. <https://doi.org/10.32628/cseit206410>
- Imaoka, H., Hashimoto, H., Takahashi, K., Ebihara, A. F., Liu, J., Hayasaka, A., Morishita, Y., & Sakurai, K. (2021). The future of biometrics technology: from face recognition to related applications. *APSIPA Transactions on Signal and Information Processing*, 10(1). <https://doi.org/10.1017/atsip.2021.8>
- Indarjo, P. (2021, December 15). *Memahami Metrik pada Pemodelan Klasifikasi - Pararawendy Indarjo*. Medium. <https://medium.com/@pararawendy19/memahami-metrik-pada-pemodelan-klasifikasi-29cd5b738ee7>
- Javanmard, M., & Alian, M. (2015). Comparison between Agile and Traditional software development methodologies. *Science Journal (CSJ)*, 36(3), 1386–1394.
- Kortli, Y., Jridi, M., Al Falou, A., & Atri, M. (2020). Face Recognition Systems: A Survey. *Sensors*, 20(2), 342. <https://doi.org/10.3390/s20020342>
- Kumar, A., Kaur, A., & Kumar, M. (2018). Face detection techniques: a review. *Artificial Intelligence Review*, 52(2), 927–948. <https://doi.org/10.1007/s10462-018-9650-2>
- Luque, A., Carrasco, A., Martín, A., & de las Heras, A. (2019). The impact of class imbalance in classification performance metrics based on the binary confusion matrix. *Pattern Recognition*, 91, 216–231. <https://doi.org/10.1016/j.patcog.2019.02.023>
- Maia, I. (2015). *Building Web Applications with Flask*. Van Haren Publishing.
- Mufid, M. R., Basofi, A., Al Rasyid, M. U. H., Rochimansyah, I. F., & Rokhim, A. (2019). Design an MVC Model using Python for Flask Framework Development. *2019 International Electronics Symposium (IES)*. <https://doi.org/10.1109/elecsym.2019.8901656>
- Narkhede, S. (2021, June 15). *Understanding Confusion Matrix - Towards Data Science*. Medium. <https://towardsdatascience.com/understanding-confusion-matrix-a9ad42dcfd62>
- Rai, P., & Dhir, S. (2014). Impact of Different Methodologies in Software Development Process. *International Journal of Computer Science and Information Technologies (IJCSIT)*, Vol. 5(2), 1112–1116.

- Schroff, F., Kalenichenko, D., & Philbin, J. (2015). FaceNet: A unified embedding for face recognition and clustering. *2015 IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*. <https://doi.org/10.1109/cvpr.2015.7298682>
- Serengil, S. (2020, October 1). *Deep Face Detection with MTCNN in Python*. Sefik Ilkin Serengil. <https://sefiks.com/2020/09/09/deep-face-detection-with-mtcnn-in-python/>
- Serengil, S. (2022, April 20). *DeepFace – The Most Popular Open Source Facial Recognition Library*. viso.ai. <https://viso.ai/computer-vision/deepface/>
- Serengil, S. I., & Ozpinar, A. (2020). LightFace: A Hybrid Deep Face Recognition Framework. *2020 Innovations in Intelligent Systems and Applications Conference (ASYU)*. <https://doi.org/10.1109/asyu50717.2020.9259802>
- Sommerville, I. (2006). *Software Engineering: (Update) (8th Edition)* (8th ed.). Addison Wesley.
- Sunaryono, D., Siswantoro, J., & Anggoro, R. (2021). An android based course attendance system using face recognition. *Journal of King Saud University - Computer and Information Sciences*, 33(3), 304–312. <https://doi.org/10.1016/j.jksuci.2019.01.006>
- Susanto, R., & Andriana, A. D. (2016). PERBANDINGAN MODEL WATERFALL DAN PROTOTYPING UNTUK PENGEMBANGAN SISTEM INFORMASI. *Majalah Ilmiah UNIKOM*, 14(1). <https://doi.org/10.34010/miu.v14i1.174>
- Toapanta, S. M. T., Anchundia, M. A. M., Mafia, L. E. G., & Orizaga, J. A. T. (2018). Biometric Systems Approach Applied to a Conceptual Model to Mitigate the Integrity of the Information. *2018 International Conference on Computer, Information and Telecommunication Systems (CITS)*. <https://doi.org/10.1109/cits.2018.8440178>
- Wu, X., He, R., Sun, Z., & Tan, T. (2018). A Light CNN for Deep Face Representation With Noisy Labels. *IEEE Transactions on Information Forensics and Security*, 13(11), 2884–2896. <https://doi.org/10.1109/tifs.2018.2833032>
- Yakovyna, V., Seniv, M., & Symets, I. (2020). The Relation between Software Development Methodologies and Factors Affecting Software Reliability. *2020 IEEE 15th International Conference on Computer Sciences and Information Technologies (CSIT)*. <https://doi.org/10.1109/csit49958.2020.9321937>
- Yang, Z., Ge, W., & Zhang, Z. (2020). Face Recognition Based on MTCNN and Integrated Application of FaceNet and LBP Method. *2020 2nd International Conference on Artificial Intelligence and Advanced Manufacture (AIAM)*. <https://doi.org/10.1109/aiam50918.2020.00024>

Zeng, W., Meng, Q., & Li, R. (2019). Design of Intelligent Classroom Attendance System Based on Face Recognition. *2019 IEEE 3rd Information Technology, Networking, Electronic and Automation Control Conference (ITNEC)*.

<https://doi.org/10.1109/itnec.2019.8729496>

Zhong, Y., Deng, W., Hu, J., Zhao, D., Li, X., & Wen, D. (2021). SFace: Sigmoid-Constrained Hypersphere Loss for Robust Face Recognition. *IEEE Transactions on Image Processing*, *30*, 2587–2598. <https://doi.org/10.1109/tip.2020.3048632>