

DAFTAR PUSTAKA

- [1] J. Khikam Hikmalansya, D. Cahyono, dan S. Surabaya, “Aplikasi Pembelajaran Bahasa Isyarat Berbasis Android,” 2016.
- [2] kemdikbud, “Kamus SIBI Kerjasama antara Kementerian Pendidikan dan Kebudayaan dengan Lembaga Penelitian dan Pengembangan Sistem Isyarat Bahasa Indonesia ,” kemdikbud.go.id. Diakses: 19 Oktober 2023. [Daring]. Tersedia pada: <https://pmpk.kemdikbud.go.id/sibi/>
- [3] Ade Nasihudin Al Ansori, “Penyandang Tuli Lebih Suka Menggunakan Bisindo Ketimbang SIBI, Mengapa?,” liputan6.com. Diakses: 11 Oktober 2023. [Daring]. Tersedia pada: <https://www.liputan6.com/disabilitas/read/4389897/penyandang-tuli-lebih-suka-menggunakan-bisindo-ketimbang-sibi-mengapa?page=2>
- [4] klobility, “BISINDO dan SIBI: Apa Bedanya?,” klobility.id. Diakses: 11 Oktober 2023. [Daring]. Tersedia pada: <https://www.klobility.id/post/perbedaan-bisindo-dan-sibi>
- [5] Nurhadi, “Mengenal Bisindo dan Sibi, 2 Bahasa Isyarat yang Digunakan di Indonesia,” Tempo.co. Diakses: 19 Oktober 2023. [Daring]. Tersedia pada: <https://difabel.tempo.co/read/1624137/mengenal-bisindo-dan-sibi-2-bahasa-isyarat-yang-digunakan-di-indonesia>
- [6] Nawir, *Expose Data Penyandang Cacat Berdasarkan Klasifikasi ICF*. 2009.
- [7] D. Saidah, “PEMBERDAYAAN MASYARAKAT DISABILITAS MELALUI KETERAMPILAI\ HANDICRAFT: TUNA RUNGU WICARA DI YAYASAN RUMAH REGIS TANJUNG BARAT JAKARTA SELATAN,” 2017.
- [8] Ade Nasihudin Al Ansori, “Jumlah Penyandang Disabilitas di Indonesia Menurut Kementerian Sosial,” liputan6.com. Diakses: 19 Oktober 2023. [Daring]. Tersedia pada: <https://www.liputan6.com/disabilitas/read/4351496/jumlah-penyandang-disabilitas-di-indonesia-menurut-kementerian-sosial?page=2>
- [9] Chris Burke, “Advantages & Disadvantages of Sign Language,” theclassroom.com. Diakses: 19 Oktober 2023. [Daring]. Tersedia pada: <https://www.theclassroom.com/advantages-disadvantages-of-sign-language-12084066.html>

- [10] Indeed Editorial Team, “14 Pros and Cons of Being an ASL Interpreter (With Duties),” Indeed.com. Diakses: 19 Oktober 2023. [Daring]. Tersedia pada: <https://www.indeed.com/career-advice/finding-a-job/pros-and-cons-of-being-asl-intepreter>
- [11] Maria Papatsimouli, Panos Sarigiannidis, dan George F. Fragulis, “A Survey of Advancements in Real-Time Sign Language Translators: Integration with IoT Technology,” mdpi.com. Diakses: 19 Oktober 2023. [Daring]. Tersedia pada: <https://www.mdpi.com/2227-7080/11/4/83>
- [12] L. Alzubaidi *dkk.*, “Review of deep learning: concepts, CNN architectures, challenges, applications, future directions,” *J Big Data*, vol. 8, no. 1, Des 2021, doi: 10.1186/s40537-021-00444-8.
- [13] A. C. R. Lorentzen, “Digital transformation as distributed leadership: Firing the change agent,” dalam *Procedia Computer Science*, Elsevier B.V., 2021, hlm. 245–254. doi: 10.1016/j.procs.2021.12.011.
- [14] UNDANG-UNDANG REPUBLIK INDONESIA, “UU Nomor 8 Tahun 2016,” 2016.
- [15] A. R. Syulistyo, D. S. Hormansyah, dan P. Y. Saputra, “SIBI (Sistem Isyarat Bahasa Indonesia) translation using Convolutional Neural Network (CNN),” dalam *IOP Conference Series: Materials Science and Engineering*, Institute of Physics Publishing, Jan 2020. doi: 10.1088/1757-899X/732/1/012082.
- [16] PMPK KEMDIKBUD, “Daftar Isyarat Abjad Kamus SIBI,” pmpk.kemdikbud.go.id. Diakses: 14 November 2023. [Daring]. Tersedia pada: <https://pmpk.kemdikbud.go.id/sibi/kosakata>
- [17] M. Oszust dan J. Krupski, “Isolated sign language recognition with depth cameras,” dalam *Procedia Computer Science*, Elsevier B.V., 2021, hlm. 2085–2094. doi: 10.1016/j.procs.2021.08.216.
- [18] SectorLink, “Empowering Artificial Intelligence With Dedicated Servers,” [sectorlink.com](https://www.sectorlink.com). Diakses: 14 November 2023. [Daring]. Tersedia pada: <https://www.sectorlink.com/article/empowering-artificial-intelligence-with-dedicated-servers>
- [19] Knowledge Base, “Accessibility and its importance for individuals with disabilities,” <https://kb.iu.edu/>. Diakses: 14 November 2023. [Daring]. Tersedia pada: <https://kb.iu.edu/d/atpk>

- [20] Sarah Calvert, “Challenges for People with Disabilities,” ballardbrief.byu.edu. Diakses: 14 November 2023. [Daring]. Tersedia pada: <https://ballardbrief.byu.edu/issue-briefs/challenges-for-people-with-disabilities>
- [21] P. C. Jorgensen, “Software Testing Fourth Edition A Craftsman’s Approach,” 2014.
- [22] H. Hasugian, “USER ACCEPTANCE TESTING (UAT) PADA ELECTRONIC DATA PREPROCESSING GUNA MENGETAHUI KUALITAS SISTEM,” vol. 4, no. 1, hlm. 20–27, 2023.
- [23] HARETON K.N. LEUNG and PETER W.L. WONG, “A study of user acceptance tests,” 1997.
- [24] Evidently AI Team, “Accuracy vs. precision vs. recall in machine learning: what’s the difference?,” www.evidentlyai.com. Diakses: 23 November 2023. [Daring]. Tersedia pada: <https://www.evidentlyai.com/classification-metrics/accuracy-precision-recall>
- [25] Rohit Kundu, “F1 Score in Machine Learning: Intro & Calculation,” v7labs.com. Diakses: 23 November 2023. [Daring]. Tersedia pada: <https://www.v7labs.com/blog/f1-score-guide>
- [26] Teemu Kanstrén, “A Look at Precision, Recall, and F1-Score,” Towards Data Science. Diakses: 23 November 2023. [Daring]. Tersedia pada: <https://towardsdatascience.com/a-look-at-precision-recall-and-f1-score-36b5fd0dd3ec>
- [27] M Wimmer dan B Radig, “Adaptive Skin Color Classifier, Int. Journal on Graphics, Vision and Image Processing. Special Issue on Biometrics,” 2006.
- [28] W3C, “Server Timing,” w3.org. Diakses: 23 November 2023. [Daring]. Tersedia pada: <https://www.w3.org/TR/server-timing/>
- [29] IEEE Communications Society dan Institute of Electrical and Electronics Engineers, *SIGN LANGUAGE TRANSLATOR FOR MOBILE PLATFORMS*. 2017.
- [30] Rony Setiawan, “Apa itu Framework? Developer Wajib Tahu,” dicoding.com/. Diakses: 12 Desember 2023. [Daring]. Tersedia pada: <https://www.dicoding.com/blog/apa-itu-framework/>
- [31] Paul Diamond, “Penyimpanan cloud vs. server lokal: 9 hal yang perlu diingat,” microsoft.com. Diakses: 12 Desember 2023. [Daring]. Tersedia

- pada: <https://www.microsoft.com/id-id/microsoft-365/business-insights-ideas/resources/cloud-storage-vs-on-premises-servers>
- [32] RT Katalisnet, “Perbedaan Website dan Aplikasi,” katalisnet.com/. Diakses: 21 Desember 2023. [Daring]. Tersedia pada: <https://katalisnet.com/perbedaan-website-dan-aplikasi/>
- [33] Ratna Patria, “Laravel Adalah: Pengertian, Fitur dan Kelebihannya!,” [domainsia.com](https://www.domainsia.com/berita/laravel-adalah/). Diakses: 15 Desember 2023. [Daring]. Tersedia pada: <https://www.domainsia.com/berita/laravel-adalah/>
- [34] MUHAMAD HILMI BIN MOHAMED HANIFFA, “WEB APPLICATION SIGN LANGUAGE TRANSLATOR,” 2021.
- [35] NexusAdmistraIntegra, “Local or cloud server, which is safer?,” nexusintegra.io. Diakses: 21 Desember 2023. [Daring]. Tersedia pada: <https://nexusintegra.io/local-or-cloud-server/>
- [36] M. Hussain, “YOLO-v1 to YOLO-v8, the Rise of YOLO and Its Complementary Nature toward Digital Manufacturing and Industrial Defect Detection,” 1 Juli 2023, *Multidisciplinary Digital Publishing Institute (MDPI)*. doi: 10.3390/machines11070677.
- [37] J. K. Leonard, “Image Classification and Object Detection Algorithm Based on Convolutional Neural Network,” *Science Insights*, vol. 31, no. 1, hlm. 85–100, Nov 2019, doi: 10.15354/si.19.re117.
- [38] A. W.-C. Liew, Institute of Electrical and Electronics Engineers, dan International Association for Pattern Recognition, *2016 International Conference on Digital Image Computing: Techniques and Applications (DICTA) : Gold Coast, Australia, 30 November-02 December 2016*.
- [39] Rony Setiawan, “Flowchart Adalah: Fungsi, Jenis, Simbol, dan Contohnya,” [dicoding.com](https://www.dicoding.com/blog/flowchart-adalah/). Diakses: 15 Desember 2023. [Daring]. Tersedia pada: <https://www.dicoding.com/blog/flowchart-adalah/>
- [40] B. Padmanabhan, “Spring 2012 EECS810-Principles of Software Engineering,” 2012.
- [41] Muhammad Robith Adani, “Data Flow Diagram(DFD): Pengertian, Jenis, Fungsi & Contoh,” [sekawanmedia.co.id](https://www.sekawanmedia.co.id/blog/dfd-adalah/). Diakses: 15 Desember 2023. [Daring]. Tersedia pada: <https://www.sekawanmedia.co.id/blog/dfd-adalah/>
- [42] Google, “MediaPipe Solutions guide,” Google AI for Developers. Diakses: 9 Mei 2024. [Daring]. Tersedia pada: <https://ai.google.dev/edge/mediapipe/solutions/guide>

- [43] Google AI For Developers, “Hand landmarks detection guide,” <https://ai.google.dev/>. Diakses: 22 Mei 2024. [Daring]. Tersedia pada: https://ai.google.dev/edge/mediapipe/solutions/vision/hand_landmarker
- [44] geeks for geeks, “Deep Learning | Introduction to Long Short Term Memory,” [geeksforgeeks.org](https://www.geeksforgeeks.org). Diakses: 1 Mei 2024. [Daring]. Tersedia pada: <https://www.geeksforgeeks.org/deep-learning-introduction-to-long-short-term-memory/?ref=gcse>
- [45] aditianu1998, “Understanding of LSTM Networks,” [geeksforgeeks.org](https://www.geeksforgeeks.org). Diakses: 22 Mei 2024. [Daring]. Tersedia pada: <https://www.geeksforgeeks.org/understanding-of-lstm-networks/?ref=gcse>
- [46] Thi Thu, Giang Nguyen, dan R. Ślepaczuk, “THE EFFICIENCY OF VARIOUS TYPES OF INPUT LAYERS OF LSTM MODEL IN INVESTMENT STRATEGIES ON S&P500 INDEX,” 2022.
- [47] D. Reis, J. Kupec, J. Hong, dan A. Daoudi, “Real-Time Flying Object Detection with YOLOv8,” Mei 2023.
- [48] MMyolo, “ALGORITHM PRINCIPLES AND IMPLEMENTATION WITH YOLOV8,” mmyolo.readthedocs.io/.
- [49] L. Shen, B. Lang, dan Z. Song, “DS-YOLOv8-Based Object Detection Method for Remote Sensing Images,” *IEEE Access*, vol. 11, hlm. 125122–125137, 2023, doi: 10.1109/ACCESS.2023.3330844.
- [50] admin_dti, “Framework : Pengertian, Fungsi, Cara Kerja, Tipe-tipe, Jenis-jenis,” jakarta.telkomuniversity.ac.id. Diakses: 30 April 2024. [Daring]. Tersedia pada: <https://jakarta.telkomuniversity.ac.id/framework-pengertian-fungsi-cara-kerja-tipe-dan-jenis/>
- [51] R. Abdul, “Mengenal Framework ‘Laravel,’” 2014.
- [52] P. D. Dutonde, “Website Developmemt Technologies: A Review,” *Int J Res Appl Sci Eng Technol*, vol. 10, no. 1, hlm. 359–366, Jan 2022, doi: 10.22214/ijraset.2022.39839.
- [53] Matthias Biehl, *API Architecture*, 1 ed. 2016, 2015.
- [54] Fortinet, “What Is an API Key?,” [Fortinet.com](https://www.fortinet.com). Diakses: 13 Mei 2024. [Daring]. Tersedia pada: <https://www.fortinet.com/uk/resources/cyberglossary/api-key>

- [55] cloud google, “API Gateway Architecture,” cloud.google.com. Diakses: 22 Mei 2024. [Daring]. Tersedia pada: <https://cloud.google.com/api-gateway/docs/architecture-overview>
- [56] Matt Copperwaite dan Charles Leifer, *Learning Flask Framework*. Birmingham B3 2PB, UK.: Packt Publishing Ltd., 2015.
- [57] O. Widodo Purbo, “Enrichment: Journal of Management is Licensed under a Creative Commons Attribution-NonCommercial 4.0 International License (CC BY-NC 4.0) Enrichment: Journal of Management A Systematic Analysis: Website Development using Codeigniter and Laravel Framework,” 2021.
- [58] learn microsoft, “Confusion matrix and data imbalances,” learn.microsoft.com. Diakses: 27 Juli 2024. [Daring]. Tersedia pada: <https://learn.microsoft.com/en-us/training/modules/machine-learning-confusion-matrix/>
- [59] Nisha Arya Ahmed, “What is A Confusion Matrix in Machine Learning? The Model Evaluation Tool Explained,” datacamp.com. Diakses: 27 Juli 2024. [Daring]. Tersedia pada: <https://www.datacamp.com/tutorial/what-is-a-confusion-matrix-in-machine-learning>
- [60] S. Masripah dan L. Ramayanti, “PENERAPAN PENGUJIAN ALPHA DAN BETA PADA APLIKASI PENERIMAAN SISWA BARU,” *JURNAL SWABUMI*, vol. 8, no. 1, hlm. 2020, 2020.
- [61] C. K. N. C. K. Mohd dan F. Shahbodin, “Personalized Learning Environment: Alpha Testing, Beta Testing & User Acceptance Test,” *Procedia Soc Behav Sci*, vol. 195, hlm. 837–843, Jul 2015, doi: 10.1016/j.sbspro.2015.06.319.
- [62] Rob Cimperman, *UAT Defined: A Guide to Practical User Acceptance Testing (Digital Short Cut)*. 75 Arlington St., Suite 300 Boston, MA 02116: Pearson Education, 2006.