

## DAFTAR PUSTAKA

- [1] Indah Rahmayani, “Indonesia Raksasa Teknologi Digital Asia,” *Website Resmi Kementerian Komunikasi dan Informatika RI*, Okt-2015. [Online]. Tersedia pada: [https://kominform.go.id:443/content/detail/6095/indonesia-raksasa-teknologi-digital-asia/0/sorotan\\_media](https://kominform.go.id:443/content/detail/6095/indonesia-raksasa-teknologi-digital-asia/0/sorotan_media). [Diakses: 24-Des-2018]
- [2] C. Fu, Y. Tang, C. Yuan, dan Y. Xu, “Cross-Platform Instant Messaging System,” dalam *2015 12th Web Information System and Application Conference (WISA)*, Jinan, China, 2015, hlm. 27–30 [Online]. Tersedia pada: <http://ieeexplore.ieee.org/document/7396602/>. [Diakses: 11-Mar-2019]
- [3] S. Manekar, P. Borkar, dan V. Hirwani, “A review on instant messaging system based on cloud for smartphone,” dalam *2017 International Conference on Inventive Systems and Control (ICISC)*, Coimbatore, India, 2017, hlm. 1–5 [Online]. Tersedia pada: <http://ieeexplore.ieee.org/document/8068659/>. [Diakses: 11-Mar-2019]
- [4] Dhiany Nadya Utami, “Line Mencari 20 Chat Bot Terbaik | Ekonomi,” *Bisnis.com*, Sep-2018. [Online]. Tersedia pada: <https://ekonomi.bisnis.com/read/20180906/105/835702/line-mencari-20-chat-bot-terbaik>. [Diakses: 19-Feb-2019]
- [5] Muhammad Fikrie, “Pengguna LINE di Indonesia Capai 90 Juta, Didominasi Anak Muda,” *kumparan*, Mei-2018. [Online]. Tersedia pada: <https://m.kumparan.com/@kumparantech/pengguna-line-di-indonesia-capai-90-juta-didominasi-anak-muda>. [Diakses: 24-Des-2018]
- [6] N. Akma, M. Hafiz, A. Zainal, M. Fairuz, dan Z. Adnan, “Review of Chatbots Design Techniques,” *Int. J. Comput. Appl.*, vol. 181, no. 8, hlm. 7–10, Agu 2018.
- [7] S. Chan, B. Hill, dan S. Yardi, “Instant messaging bots: accountability and peripheral participation for textual user interfaces,” dalam *Proceedings of the 2005 international ACM SIGGROUP conference on Supporting group work - GROUP '05*, Sanibel Island, Florida, USA, 2005, hlm. 113 [Online]. Tersedia pada: <http://portal.acm.org/citation.cfm?doid=1099203.1099221>. [Diakses: 11-Mar-2019]
- [8] C. C. Wong, S. Hoh, dan P. L. Hiew, “Value Proposition of Mobile Instant Messaging,” dalam *2007 International Conference on Wireless Communications, Networking and Mobile Computing*, Shanghai, China, 2007, hlm. 3828–3831 [Online]. Tersedia pada: <http://ieeexplore.ieee.org/document/4340723/>. [Diakses: 09-Apr-2019]
- [9] N. Nizamkari, “Mining typos in text,” dalam *2016 IEEE 7th Annual Ubiquitous Computing, Electronics & Mobile Communication Conference (UEMCON)*, New York City, NY, USA, 2016, hlm. 1–2 [Online]. Tersedia pada: <http://ieeexplore.ieee.org/document/7777896/>. [Diakses: 24-Des-2018]
- [10] Amadeus Software Labs India Pvt. Ltd dan R. Khan, “Standardized Architecture for Conversational Agents a.k.a. ChatBots,” *Int. J. Comput. Trends Technol.*, vol. 50, no. 2, hlm. 114–121, Agu 2017.
- [11] R. Kar dan R. Halder, “Applying Chatbots to the Internet of Things: Opportunities and Architectural Elements,” *Int. J. Adv. Comput. Sci. Appl.*, vol. 7, no. 11, 2016 [Online]. Tersedia pada: <http://thesai.org/Publications/ViewPaper?Volume=7&Issue=11&Code=ijacs&SerialNo=19>. [Diakses: 09-Apr-2019]

- [12] R. Bergholm, “Development of a Facebook Messenger chatbot application for social media event discovery,” 2018. [Online]. Tersedia pada: <http://www.theseus.fi/handle/10024/150217>. [Diakses: 28-Mei-2019]
- [13] A. Fahda dan A. Purwarianti, “A statistical and rule-based spelling and grammar checker for Indonesian text,” dalam *2017 International Conference on Data and Software Engineering (ICoDSE)*, Palembang, 2017, hlm. 1–6 [Online]. Tersedia pada: <http://ieeexplore.ieee.org/document/8285846/>. [Diakses: 24-Des-2018]
- [14] Z. Z. Wint, T. Ducros, dan M. Aritsugi, “Spell corrector to social media datasets in message filtering systems,” dalam *2017 Twelfth International Conference on Digital Information Management (ICDIM)*, Fukuoka, 2017, hlm. 209–215 [Online]. Tersedia pada: <http://ieeexplore.ieee.org/document/8244677/>. [Diakses: 24-Des-2018]
- [15] “LINE Developers.” [Online]. Tersedia pada: <https://developers.line.biz/>. [Diakses: 16-Apr-2019]
- [16] “What is middleware? - Definition from WhatIs.com,” *SearchMicroservices*. [Online]. Tersedia pada: <https://searchmicroservices.techtarget.com/definition/middleware>. [Diakses: 16-Apr-2019]
- [17] S. Dutta, T. Saha, S. Banerjee, dan S. K. Naskar, “Text normalization in code-mixed social media text,” dalam *2015 IEEE 2nd International Conference on Recent Trends in Information Systems (ReTIS)*, Kolkata, India, 2015, hlm. 378–382 [Online]. Tersedia pada: <http://ieeexplore.ieee.org/document/7232908/>. [Diakses: 05-Jul-2019]
- [18] “Edit distance.” [Online]. Tersedia pada: <https://nlp.stanford.edu/IR-book/html/htmledition/edit-distance-1.html>. [Diakses: 06-Jul-2019]
- [19] S. P. Singh, A. Kumar, L. Singh, M. Bhargava, K. Goyal, dan B. Sharma, “Frequency based spell checking and rule based grammar checking,” dalam *2016 International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT)*, Chennai, India, 2016, hlm. 4435–4439 [Online]. Tersedia pada: <http://ieeexplore.ieee.org/document/7755557/>. [Diakses: 06-Jul-2019]
- [20] A. Chawla, A. Varshney, M. S. Umar, dan H. Javed, “ProBot: An Online Aid to Procurement,” dalam *2018 International Conference on System Modeling & Advancement in Research Trends (SMART)*, Moradabad, India, 2018, hlm. 268–273 [Online]. Tersedia pada: <https://ieeexplore.ieee.org/document/8746954/>. [Diakses: 05-Jul-2019]
- [21] Moch Yusup Soleh dan A. Purwarianti, “A non word error spell checker for Indonesian using morphologically analyzer and HMM,” dalam *Proceedings of the 2011 International Conference on Electrical Engineering and Informatics*, Bandung, Indonesia, 2011, hlm. 1–6 [Online]. Tersedia pada: <http://ieeexplore.ieee.org/document/6021514/>. [Diakses: 24-Des-2018]
- [22] J. Bhagwan, “Design and Analysis of a Levenshtein Distance Based Code Clones Detection Algorithm,” *IJCSC*, vol. 7, no. 1, hlm. 5, 2015.
- [23] M. Sullivan dan M. Sullivan, *Precalculus: enhanced with graphing utilities*, Seventh edition. Boston: Pearson, 2017.
- [24] Z. Mubaraq, “Singular dan Plural Nouns: Pengertian, Cara Membentuk dan Contoh,” *Intraxenglish*. 13-Nov-2018 [Online]. Tersedia pada:

- <https://www.intraxenglish.com/singular-plural-nouns/>. [Diakses: 07-Apr-2019]
- [25] S. Kumari dan S. K. Rath, “Performance comparison of SOAP and REST based Web Services for Enterprise Application Integration,” dalam *2015 International Conference on Advances in Computing, Communications and Informatics (ICACCI)*, Kochi, India, 2015, hlm. 1656–1660 [Online]. Tersedia pada: <http://ieeexplore.ieee.org/document/7275851/>. [Diakses: 31-Mei-2019]
- [26] P. Giessler, M. Gebhart, D. Sarancin, R. Steinegger, dan S. Abeck, “Best Practices for the Design of RESTful Web Services,” *ICSEA*, hlm. 6, 2015.
- [27] *KBBI Offline Remake with Qt. Contribute to bgli/kbbi-qt development by creating an account on GitHub*. Belajar GNU/Linux Indonesia, 2019 [Online]. Tersedia pada: <https://github.com/bgli/kbbi-qt>. [Diakses: 09-Mei-2019]
- [28] W. Zhou, L. Li, M. Luo, dan W. Chou, “REST API Design Patterns for SDN Northbound API,” dalam *2014 28th International Conference on Advanced Information Networking and Applications Workshops*, BC, Canada, 2014, hlm. 358–365 [Online]. Tersedia pada: <http://ieeexplore.ieee.org/document/6844664/>. [Diakses: 13-Mei-2019]
- [29] X. J. Hong, H. Sik Yang, dan Y. H. Kim, “Performance Analysis of RESTful API and RabbitMQ for Microservice Web Application,” dalam *2018 International Conference on Information and Communication Technology Convergence (ICTC)*, Jeju, 2018, hlm. 257–259 [Online]. Tersedia pada: <https://ieeexplore.ieee.org/document/8539409/>. [Diakses: 13-Mei-2019]
- [30] J. Meng, S. Mei, dan Z. Yan, “RESTful Web Services: A Solution for Distributed Data Integration,” dalam *2009 International Conference on Computational Intelligence and Software Engineering*, Wuhan, China, 2009, hlm. 1–4 [Online]. Tersedia pada: <http://ieeexplore.ieee.org/document/5365234/>. [Diakses: 10-Mei-2019]
- [31] E. Larson dan A. Kirk, “Generating Evil Test Strings for Regular Expressions,” dalam *2016 IEEE International Conference on Software Testing, Verification and Validation (ICST)*, Chicago, IL, USA, 2016, hlm. 309–319 [Online]. Tersedia pada: <http://ieeexplore.ieee.org/document/7515482/>. [Diakses: 17-Jul-2019]
- [32] R. Setiawan, A. Kurniawan, W. Budiharto, I. H. Kartowisastro, dan H. Prabowo, “Flexible affix classification for stemming Indonesian Language,” dalam *2016 13th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology (ECTI-CON)*, Chiang Mai, Thailand, 2016, hlm. 1–6 [Online]. Tersedia pada: <http://ieeexplore.ieee.org/document/7561257/>. [Diakses: 09-Jul-2019]