DAFTAR PUSTAKA

[1] R. Triatmadja, Tsunami: Kejadian, Penjalaran, Daya Rusak, dan Mitigasinya, Yogyakarta: Gadjah Mada University Press, 2010.

[2] M. A. Marfai, A. Cahyadi and D. N. Anggraini, "Tipologi, Dinamika, dan Potensi Bencana di Pesisir Kawasan Karst Kabupaten Gunungkidul," *Forum Geografi*, vol. 28, pp. 147-158, 2013.

[3] Sutikno, "Makalah dalam Seminar Sistem Informasi Kebencanaan Sebagai Sebuah Kearifan di Negeri 1001 Bencana," Yogyakarta, 2009.

[4] Sunarto, M. M. A and D. Mardiatno, Multirisk Assessment of Parangtritis Coastal Area, Yogyakarta: Gadjah Mada University Press, 2010.

[5] Kumparan, "Update Jumlah Korban Tsunami: 429 Meninggal dan 1.485 Luka-luka," 25 December 2018. [Online]. Available: https://kumparan.com/@kumparannews/update-jumlah-korban-tsunami-429-meninggal-dan-1-485-luka-luka-1545718824282811504. [Accessed 26 December 2018].

[6] R. F. Putri, S. Wibirama, J. T. Sri Sumantyo and M. Naufal, "Tsunami Information System as An Early Warning System Approach in Yogyakarta Province, Yogyakarta," *Journal of Urban and Environmental Engineering*, 2018.

[7] W. A. Social, "Digital in 2018 in Southeast Asia," 2018. [Online]. Available: https://www.slideshare.net/wearesocial/digital-in-2018-in-southeast-asia-part-2-southeast-86866464. [Accessed 14 December 2018].

[8] I. M. A. Suyadnya and D. C. Khrisne, "Sistem Informasi Geografis Pemetaan Wilayah Potensi Tsunami dan Tempat Aman Berkumpul Untuk Kawasan Wisata Pantai di Kabupaten Badung Provinsi Bali," *Seminar Nasional Sains dan Teknologi (SENASTEK-2016)*, 2016.

[9] L. A. Rumaal, J. L. Tanesib and J. Tarigan, "Aplikasi Penginderaan Jauh dan Sistem Informasi Geografi untuk Pemetaan Daerah Berpotensi Tsunami di

Kabupaten Kupang Propinsi Nusa Tenggara Timur," *Jurnal Fisika Sains dan Aplikasinya,* vol. 3, 2018.

[10] A. Zaitunah, C. Kusmana, I. N. S. Jaya and O. Haridjaja, "Aplikasi Sistem Informasi Geografi Bagi Penentuan Kemungkinan Daerah Genangan Akibat Tsunami (Studi Kasus: Kabupaten Ciamis Jawa Barat)," *Forum Pascasarjana,* vol. 34, pp. 249-255, 2011.

[11] Nurfaida, "Penggunaan SIG untuk Pemetaan Jalur Evakuasi Bencana Tsunami di Desa Tonggolobibi Kecamatan Sojol Kabupaten Donggala," 2016.

[12] I. O. f. Standardization, "“ISO 9241-210:2010: Ergonomics of human-system interaction – Part 210: Human-centered design for interactive," [Online]. Available: https://www.iso.org/obp/ui/#iso:std:iso:9241:-210:ed-1:v1:en. [Accessed 4 Desember 2018].

[13] J. J. Garrett, THE ELEMENTS OF USER EXPERIENCE: User-Centered Design for the Web and Beyond, 2nd ed, Berkeley: New Riders, 2011.

[14] T. Lowdermilk, User Centered Design: A Developers's Guide to Building User-Friendly Application, First Edit, California: O'Reilly Media. Inc, 2013.

[15] S. Bromley, "User Centered Design vs Genius Method," 2011. [Online]. Available: http://www.stevebromley.com/blog/2011/03/14/user-centered-design-vs-genius-method-%E2%80%93-which-approach-is-best-for-you/. [Accessed 1 December 2018].

[16] N. A. A. Putri, "Pengembangan dan Evaluasi Prototipe Antarmuka Sistem Pemantauan Konsumsi Energi Listrik Berbasis The Elements of User Experience untuk Mendukung Smart Building dalam Gedung DTETI FT UGM," *S.T. thesis, Dept. Elect and Information Eng., UGM,* 2017.

[17] M. S. Rahim, "ScrumFall: A Hybrid Software Process Model," *I.J. Information Technology and Computer Science,* 2018.

[18] SAS, "Natural Language Processing (IoT)," 20 February 2018. [Online]. Available: https://www.sas.com/en_us/insights/analytics/what-is-natural-language-processing-nlp.html. [Accessed 2019 May 2019].

[19] C. Manning, P.Raghavan and H.Schütze, Introduction to Information Retrieval, 1st ed, New York: Cambridge University Press, 2008.

[20] C. D. Boom, S. V. Canneyt, S. B. T. Demeester and B. Dhoedt, "Learning Semantic Similarity for Very Short Texts," *2015 IEEE 15th International Conference on Data Mining Workshops*, pp. 1229-1234, 2015.

[21] D. A. Kurniawan, "Analisis Data Jejaring Sosial Twitter untuk Pemetaan Kondisi Kemacetan Jalan di Provinsi DIY dengan Metode Text Mining," *S.T. thesis, Dept. Elect and Information Eng., UGM*, 2016.

[22] N. Monarizqa, L. E. Nugroho and B. Hantono, "Penerapan Analisis Sentimen pada Twitter Berbahasa Indonesia sebagai Pemberi Rating," *Universitas Gadjah Mada, Perpustakaan Pusat UGM*, 2014.

[23] C. Cortes and V. Vapnik, "Support Vector Networks," *Machine Learning*, pp. 273-297, 1995.

[24] P. A. Abhang, B. W. Gawali and S. C. Mehrota, Introduction To EEG- And Speech-Based Emotion Recogition, London: Academic Press, 2016.

[25] C. Albon, Python Machine Learning Cookbook, 1st ed, California: O'Reilly Media, Inc, 2018.

[26] L. Rokach and O. Maimon, Data Mining with Decision Trees, 2nd ed, Singapore: World Scientific Publishing Co. Pte. Ltd, 2015.

[27] S. Bird, E. Klein and E. Loper, Natural Language Processing with Python, 1st ed, California: O'Reilly Media, 2009.

[28] S. Sayad, "Decision Tree - Classification," [Online]. Available: https://www.saedsayad.com/decision_tree.htm. [Accessed 25 August 2019].

[29] A. Massey and S. Miller, "Test of Hypotheses Using Statistics," *Mathematics Department, Brown University,* 2006.

[30] R. A. Partadiredja, "Pengembangan Prototipe Antarmuka Piranti Bergerak Sistem Informasi Bus menggunakan The Elements of User Experience," *S.T. thesis, Dept. Elect and Information Eng., UGM,* 2016.

[31] B. Laugwitz, T. Held and M. Schrepp, "Construction and Evaluation of a User Experience Questionnaire," *USAB,* pp. 63-76, 2008.

[32] J. R. Bergstrom and A. J. Schall, Eye Tracking in User Experience Design, Elsevier Inc., 2014.

[33] IEEE, "IEEE Standards C610.12-1990," *IEEE Standard Glossary of Software Engineering Terminology,* 1990.

[34] P. R, Software Engineering: A Practicione's Approach, Boston: McGraw Hill, 2001.

[35] A. K, "Building Applications with Social," *Int. J. Advanced Networking and Applications*, vol. 5, pp. 2070-2075, 2014.

[36] JSON.org, "Pengenalan json," 2017. [Online]. Available: http://www.json.org/json-id.html. [Accessed 7 May 2019].

[37] php5-tutorial.com, "PHP5 Tutorial," 2007. [Online]. Available: https://php5-tutorial.com/. [Accessed 7 May 2019].

[38] w3schools.com, "PHP 5 Introduction," 1999. [Online]. Available: https://www.w3schools.com/php/php_intro_asp. [Accessed 7 May 2019].

[39] phpMyAdmin.net, "Bringing MySQL to the Web," 2003. [Online]. Available: https://www.phpmyadmin.net/. [Accessed 2019 May 6].

[40] flutter.dev, "Flutter," Google, 2017. [Online]. Available: https://flutter/dev/. [Accessed 13 May 2019].

[41] D. Kuhlman, "A General Description of Python," in *A Python Book: Beginning Python, Advanced Python, and Python Exercises*, 2013, p. 12.

[42] M. Parikh, "Advantages Of Python Over Other Programming Languages," Elearning Industry, 12 October 2018. [Online]. Available: https://elearningindustry.com/advantages-of-python-programming-languages. [Accessed 22 August 2019].

[43] R. Dam and T. Siang, "Personas - A Simple Introduction," 5 May 2019. [Online]. Available: https://www.interaction-design.org/literature/article/personas-why-and-how-you-should-use-them. [Accessed 11 May 2019].

[44] J. Nielsen, "Card Sorting: How Many Users to Test," 2004. [Online]. Available: https://www.nngroup.com/articles/card-sorting-how-many-users-to-test/. [Accessed 25 April 2019].

[45] "Crazy 8's," [Online]. Available: https://designsprintkit.withgoogle.com/methodology/phase3-sketch/crazy-eights. [Accessed 25 April 2019].

[46] "Solution Sketch," [Online]. Available: https://designsprintkit.withgoogle.com/methodology/phase3-sketch/solution-sketch. [Accessed 25 April 2019].

[47] F. Poldi and C. Zacharias. [Online]. Available: https://github.com/twintproject/twint. [Accessed 3 June 2019].

[48] "Tweepy," [Online]. Available: http://www.tweepy.org/. [Accessed 3 June 2019].

[49] K. Ganesan, "All You Need to Know about Text Preprocessing for NLP and Machine Learning," 9 April 2019. [Online]. Available: https://www.kdnuggets.com/2019/04/text-preprocessing-nlp-machine-learning.html. [Accessed 4 June 2019].

[50] A. Yulio, "Stopword Removal Bahasa Indonesia dengan Python Sastrawi," 3 June 2017. [Online]. Available: https://devtrik.com/python/stopword-removal-bahasa-indonesia-python-sastrawi/. [Accessed 5 June 2019].

[51] Y. Angri, "Steeming Bahasa Indonesia dengan Python Sastrawi," Devtrik, 22 May 2017. [Online]. Available: https://devtrik.com/python/steeming-bahasa-indonesia-python-sastrawi/. [Accessed 5 June 2019].

[52] I. Guyon, S. Gunn, M. Nikravesh and L. Zadeh, Feature Extraction : Foundations and Applications, New York: Springer, 2006.

[53] F. Pedregosa, A. Gramfort, G. Varoquax and V. Michel, "Scikit-learn: Machine Learning in Python," *Journal of Machine Learning Research*, pp. 2826-2830, 2012.

[54] J. Santoso, E. M. Yuniarno and M. Hariadi, "Large Scale Text Classification Using Map Reduce and Naive Bayes Algorithm for Domain Specified Ontology Building," *7th International Conference on Intelligent Human-Machine Systems and Cybernetics*, pp. 428-432, 2017.

[55] T. Joachims, "Text Categorization with Support Vector Machine: Learning with Many Relevant Features," *ECML*, pp. 137-142, 1998.

[56] G. James, D. Witten, T. Hastie and R. Tibshirani, An Introduction to Statistical Learning, New York: Springer, 2013.

[57] V. N. Vapnik, "Methods of Pattern Recognition," in *Statistics for Engineering and Information Science 2nd ed*, New York, Springer-Verlag New York, 2000.

[58] S. B. University, "Agile Development Methods," 2017. [Online]. Available: https://sis.binus.ac.id/2017/05/08/agile-development-methods/https://sis.binus.ac.id/2017/05/08/agile-development-methods/. [Accessed 3 December 2018].

[59] T. Sakaki, M. Okazaki and Y. Matsuo, "Earthquake shakes Twitter users:," *Proceedings of the 19th International Conference on World Wide Web*, pp. 851-860, 2010.

[60] D. Saffer, Designing for Interaction, 2nd ed., Berkeley: New Riders, 2010.

[61] T. Nugent, F. Petroni, N. Raman, L. Carstens and J. L. Leidner, "A Comparison of Classification Models for Natural Disaster and Critical Event Detection from News," *2017 IEEE International Conference on Big Data (BIGDATA)*, pp. 3750-3759, 2017.

[62] R. Li, K. K. Lei, R. Khadiwala and K. C. C. Chang, "TEDAS: A Twitterbased," *2012 IEEE 28th International*, pp. 1273-1276, 2012.

[63] G. Kumar and P. K. Bhatia, "Impact of Agile Methodology on Software Development Process," *IJTEE: International Journal of Computer Technology and Electronics Engineering*, vol. 2, no. 4, 2012.

[64] D. Bužić and J. Dobša, "Lyrics Classification Using Naive Bayes," *MIPRO 2018*, pp. 1011-1015, 2018.

[65] A. H. Aliwy and E. H. A. Ameer, "Comparative Study of Five Text Classification Algorithms with Their Improvements," *International Journal of Applied Engineering Research*, pp. 4309-4319, 2017.

[66] P. Abrahamsson, O. Salo, J. Ronkainen and J. Warsta, "Agile Software Development Methods: Review and Analysis," 2002.

[67] C. Abras, D. Maloney-Krichmar and J. Preece, "User-Centered Design," *Encyclopedia of Human-Computer Interaction*, 2004.

[68] K. Devi, A. Sen and K. Hemachandran, "A working Framework for the User-Centered Design Approach and a Survey of the Available Methods," *International Journal of Scientific and Research Publications*, Vols. 2, no.4, pp. 1-8, 2012.

[69] T. Tullis and B. Alber, Measuring The User Experience: Collecting, Analyzing, and Presenting Usability Metrics, Newnes, 2013.

[70] A. Mishra and S. Vishwakarma, "Analysis of TF-IDF Model and its Variant for Document Retrieval," *International Conference on Computational Intelligence and Communication Networks (CICN),* pp. 772-776, 2015.

[71] J. Chen, P. Yuan, X. Tang and X. Zhou, "Performance Comparison of TF*IDF, LDA and Paragraph Vector for Document Classification," *Knowledge and Systems Sciences*, pp. 225-235, 2016.

[72] N. M. A. Munassar, "Hybrid Model for Software Development Cycle," *Journal of Science & Technology*, Vols. 15, no 1, 2010.

[73] A. D. Rayome, "The 10 easiest programming languages to learn," Tech Republic, 17 July 2017. [Online]. Available: https://www.techrepublic.com/article/the-10-easiest-programming-languages-to-learn/. [Accessed 22 August 2019].