

DAFTAR PUSTAKA

- [1] UNEP, “Buildings and climate change status, challenges and opportunities,” United Nations Environ. Program., p. 59, 2009.
- [2] A.Nadya M, “Pengembangan dan evaluasi Prototipe Antarmuka Sistem Pemantauan energi Listrik Berbasis The Elements of User Experience untuk Mendukung Smart Building dalam Gedung DTETI FT UGM,” Skripsi, Departemen Teknik Elektro dan Teknologi Informasi, Universitas Gadjah Mada, 2017.
- [3] Riries. D. G, “Pengembangan Web Service Smart Building untuk Monitoring Penggunaan Energi dalam Gedung DTETI,” Skripsi, Departemen Teknik Elektro dan Teknologi Informasi, Universitas Gadjah Mada, 2017.
- [4] Abdul S. D, “Sustainable Green Smart Buildings: Future Energy Survivor”, ISESCO Journal, Vol 12 No 21.
- [5] GORD, 2014. Global Sustainability Assesment System (GSAS). Qatar : Gull Operation for Research and Development (GORD).
- [6] Akadiri, P.O, Chinyio, E.A. and P.O Olomoaiye. 2012. “Design of a sustainable building : a conceptual framework for implementing sustainability in the building sector”. Buildings 2(2):126-152.
- [7] Evangelatos O., Samarashine K., and Rolim J. “Evaluating Design Approaches for Smart Building Systems”. University of Geneva
- [8] Hartman, W., Hansen A., Vasques E., Tawab S., and Altali K. 2018. “Energy Monitoring and Control Using Internet of Things (IoT) System”. IEEE
- [9] Zanella A., Bui N., Castellani A., Vangelista L, and Zorzi M. 2014. “Internet of Things for Smart Cities”. IEEE
- [10] Kurniasari A., “Penegembangan Basis Data Buidling Energy Management System : Studi Kasus Implementasi Sistem Informasi Pemantauan dan manajemen Energi Gedung DTETI UGM,” Skripsi, Departemen Teknik Elektro dan Teknologi Informasi, Universitas Gadjah Mada, 2017.
- [11] H. Merz, T. Hansemann, and C. Hübner, Building Automation. Berlin, Heidelberg: Springer Berlin Heidelberg, 2009.
- [12] W. Kastner, G. Neugschwandtner, S. Soucek, and H. M. Newman, “Communication systems for building automation and control,” Proc. IEEE, vol. 93, no. 6, pp. 1178–1203, Jun. 2005.

- [13] T. Itoh, M. Kawano, S. Kutsuna, and T. Watanabe, "A Visualization Tool for Building Energy Management System.". 19th International Conference on Information Visualization (iV), 2015.
- [14] P. Mandarani *et al.*, "Pengembangan Sistem Monitoring Pada Building Automation System (Bas) Berbasis Web, ". Jurnal Teknik Elektro ITP vol. 4, no. 2, pp. 7–16, 2015.
- [15] Kumar A., Singh A., Mahanta P., and team. 2015. "Sensing Technologies for Monitoring Intelligent Buildings: Review". IEEE
- [16] Wenchuan Wu, Bin Wang, Xinwei Shen, and Jianhui Wang.2018. "Integrated Energy Management System".2018.IEEE
- [17] Hartman, W., Hansen A., Vasquez E., and team. 2018. "Energy Monitoring and Control Using Internet of Things (IoT) System". IEEE
- [18] Jamborsalamati P., Fernandez E., Hossain M.J., Rafi M.H., "Design and Implementation of a Cloud-based IoT Platform for Data Acquisition and Device Supply Management in Smart Buildings". IEEE
- [19] Zhao F., Zhang J., and Cao D., "Dynamic Web Map Service for Web Publishing System of Mass Remote Sensing Images.2006.IEEE
- [20] J. Steele, and N. Iliinsky, "Beautiful Visualization: Looking at Data through the Eyes of Experts," O'Reilly, 2010.
- [21] Vogel B., Kuti A., Mildrad M., and Kerren A. "An Interactive Web-based Visualization Tool in Action: User Testing and Usability Aspects".2011. IEEE
- [22] Sh. Abou-Zahra, "Web Accesibility Evaluation," In Harper S, Yesilada Y. Web Accesibility: A Foundation for research. Springer-Verlag London Limited, 2008.
- [23] Rahman Saidur, "Web Based Electric Home Appliance Controller and Monitoring System".IEEE
- [24] Li Zhao, Du Si-Feng. "Design and Implementation of j2EE-based Web Website Content Management System".IEEE
- [25] Kejkar Guri, Amreen Khan, and Richa Sharma. "An Enhancement for Candidate Recruitment System using Angularjs". IEEE
- [26] Chansuwath W., Senivonse T. "A Model-Driven Development of Web Applications

- [27] Miguel Ramos and Marco Tuilo, “AngularJS Performance: A Survey Study”.2016.IEEE
- [28] Anif M., Arya Dentha, Sindung H. “Designing Internship Monitoring System Web Based With Laravel Framework”.2017. IEEE
- [29] Lathifah Alfat and Triwiyatno A.” Sentinel Web: Implementation of Laravel Framework in Web Based Temperature and Humidity Monitoring System”.IEEE
- [30] Das Ripunjit and Dr.Lakshmi Prasad. “Comparison of Procedural PHP with Codeigniter and Laravel Framework”.2016. International Journal of Current Trends in Engineering & Research
- [31] Yu He Ren.”Design and Implementation of Web Based on Laravel Framework”.2014.ICCSET
- [32] Nilesh Jain, Priyanka Mangal, and Deepak Mehta. “AngularJS: A Modern MVC Framework in Javascript”.2014. Journal of Gobal Research in Computer Science
- [33] Madhuri A Jadhav, Balkhisna R., and Anurshee D. “Single Page Application using AngularJS”.2015
- [34] Xianjun Chen. “Restful API Architectre Based on Laravel Framework”.2017.Jurnal of Physics
- [35] Abdur Rahman A. And Citra Dhevi, “A Frameork for Ultra-responsive Light Weight Web Application Using Angularjs”.2015.IC-GET
- [36] Nidhra Srinivas and Jagruthi Dondeti. “Black-Box and White-Box Testing Techniques –A Literature Review”. 2012.IJESA
- [37] G. J. Myers, T. Badgett, T. M. Thomas, and C. Sandler, The Art of Software Testing. John Wiley & Sons, 2004.
- [38] H. Liu and H. B. Kuan Tan, “Covering code behavior on input validation in functional testing,”Information and Software Technology, vol. 51, no. 2, pp. 546–553, Feb. 2009.
- [39] P. Mitra, S. Chatterjee, and N. Ali, “Graphical analysis of MC/DC using automated software testing,” in Electronics Computer Technology (ICECT), 2011 3rd International Conference on, 2011, vol. 3, pp. 145 –149.
- [40] T. Murnane and K. Reed, “On the effectiveness of mutation analysis as a black box testing

technique,” in Software Engineering Conference, 2001. Proceedings. 2001 Australian, 2001, pp. 12 – 20.

[41] Mohd. Ehmer Khan, “Different Approaches to Black Box Testing Technique for Finding Errors,” IJSEA, Vol. 2, No. 4, pp 31-40, October 2011

[42] Mohd. Ehmer Khan and Farmeena Khan, “A Comparative Study of White Box, Black Box and Grey Box Testing Techniques. 2012. IJACSA

[43] “Introduction - Material design - Material design guidelines.” [Online]. Available: <https://material.io/guidelines/material-design/introduction.html#introduction-principles>. [Accessed: 17-Jun-2018].

[44] <https://getmdl.io/components/index.html>

[45] Noertjahyana, A., “Studi Analisis Rapid Application Development sebagai Salah Satu Alternatif Metode Pengembangan Perangkat Lunak”. 2002. Jurnal Informatika

[46] Riffat Naz, “Rapid Applications Development Techniques: A Critical Review”. 2015. International Journal of Software Engineering and Its Application

[47] Craig Franke, Samuel Morin, Artem Chebotko, dkk. “Distributed Semantic Web Data Management in HBase and MySQL Cluster”. 2011. IEEE

[48] Ardiansyah dan Muhamad Ghazali. “Pengujian Usability User Interface dan User Experience Aplikasi E-Reader Skripsi Berbasis Hypertext”. 2016. Jurnal Ilmiah Teknologi Informasi Terapan Volume II, No 3

[49] Brooke, J. (1996). “SUS - A quick and dirty usability scale.” In P. Jordan, B. Thomas, & B. Weerdmeester (Eds.), Usability Evaluation in Industry (pp. 189–

194). London: Taylor & Francis. Retrieved from [http://cui.unige.ch/isi/icle-wiki/ media/ipm:test-suschapt.pdf](http://cui.unige.ch/isi/icle-wiki/media/ipm:test-suschapt.pdf)

- [50] Brooke, J. (2013). SUS : A Retrospective. *Journal of Usability Studies*, 8(2), 29–40.
- [51] Carrasco, S. “Sharing Acute Myocardial Infarction Databases through the Internet with MySQL and PHP: A Web-Accessible Database for Clinical Research Networks”. 2007. *Computer in Cardiology*
- [52] R. P. Yuniar, “Pengembangan Fitur Pelaporan Pemantauan Kondisi Lingkungan, Konsumsi Energi Listrik, dan Suplai Energi dari Solar Cell pada Gedung Mendukung Building Energy Management System (BEMS),” Universitas Gadjah Mada, 2018.
- [53] F. R. Nirwan, “Pengembangan Sistem Peringatan Lingkungan Indoor Berbasis Email dan Aplikasi Telegram untuk Mendukung Smart Building dalam Pemantauan Energi pada Gedung DTETI,” Universitas Gadjah Mada, 2017.
- [54] Y. Fauziah, “Aplikasi Iklan Baris Online menggunakan Arsitektur REST Web Service,” *TELEMATIKA* Vol. 9, No. 2, JANUARI 2013 : 75 – 80, 2013.