

DAFTAR PUSTAKA

- [1] M. N. B. Pieterse, “Benefits of IT (Information Technology) in Modern Day Business,” 2009. [Online]. Available: <https://www.modernghana.com/news/242392/benefits-of-it-information-technology-in-modern-day-busin.html>. [Accessed: 12-Jul-2018].
- [2] I. D. Michálek, “Benefits of Management Information Systems and Important Conditions for Successful Implementation and Running,” pp. 1–8, 2010.
- [3] A. Setiawan and B. Ilman, “Perencanaan Strategik Sistem Informasi Pada Perusahaan Penerbitan Dengan Metode Ward & Peppard: Studi Kasus Pada Penerbit,” *J. Manaj. Teknol.*, vol. 11, no. 3, 2013.
- [4] R. Fahdiansyah and A. S. Anas, “Teknologi Informasi Sebagai Penunjang Perkembangan Sistem,” *Simp. Nas. Teknol. Terap.* 5, pp. 246–253, 2017.
- [5] A. Widarsono, “Pengaruh Kualitas Informasi Manajemen Terhadap Kinerja Manajerial,” *J. Akunt. FE Unsil, Vol. 2, No. 2, 2007 ISSN 1907 – 9958*, vol. 2, no. 2, pp. 286–299, 2007.
- [6] UGM Press, “UGM Press,” 2017. [Online]. Available: <http://ugmpress.ugm.ac.id/id/ugm-press>. [Accessed: 09-Apr-2018].
- [7] S. Maarif, D. R. Mariastuti, and N. Andayani, *Panduan Menerbitkan Buku UGM PRESS*, 1st ed. Yogyakarta: Gadjah Mada University Press, 2017.
- [8] A. Rusdiana and M. Irfan, *Sistem informasi manajemen*, 1st ed. Bandung: CV Pustaka Setia, 2014.
- [9] E. Rusnandi, “Pengembangan Strategi Sistem Informasi Enterprise Guna Meningkatkan Mutu Layanan Akademik,” *INFOTECH J.*, vol. 1, no. 2, pp. 48–58, 1861.
- [10] W. O. Galitz, *The Essential Guide to User Interface Design: An*

Introduction to GUI Design Principles and Techniques, 3rd ed.

Indianapolis: Wiley Publishing Inc., 2007.

- [11] International Organization for Standardization, “Ergonomics of humansystem interaction – Part 210: Human-centered design for interactive systems,” 2010. [Online]. Available: <https://www.iso.org/obp/ui/#iso:std:iso:9241:-210:ed-1:v1:en>. [Accessed: 12-Jul-2018].
- [12] F. E. Ritter, G. D. Baxter, and E. F. Churchill, *Foundations for Designing User-Centered Systems*. London: Springer, 2014.
- [13] J. J. Garrett, *The Elements of User Experience : User-Centered Design for the Web and Beyond, Second Edition*, 2nd ed. Berkeley, California: New Riders Publishing, 2011.
- [14] J. Nielsen, “Usability 101: Introduction to Usability,” 2012. [Online]. Available: <https://www.nngroup.com/articles/usability-101-introduction-to-usability/>. [Accessed: 15-Jul-2018].
- [15] T. Liu, “The Ultimate Guide — Difference Between Usability and User Experience,” 2018. [Online]. Available: <https://hackernoon.com/the-ultimate-guide-difference-between-usability-and-user-experience-e926c11eac7a>. [Accessed: 15-Jul-2018].
- [16] Usability Gov, “Usability Testing.” [Online]. Available: <https://www.usability.gov/how-to-and-tools/methods/usability-testing.html>. [Accessed: 15-Jul-2018].
- [17] F. X. A. Hermawan, “Pengembangan Sistem Informasi Laboratorium RSH. Prof. Soeparwi Berbasis Website,” Skripsi. Teknik Elektro dan Teknologi Informasi, Universitas Gadjah Mada, 2018.
- [18] F. N. Alfani, “Pengembangan dan Evaluasi Antarmuka Sistem Informasi Manajemen Rumah Sakit Hewan Prof. Soeparwi Subsistem Administrasi Menggunakan Metode Goal-Directed Design,” Skripsi. Teknik Elektro dan

Teknologi Informasi, Universitas Gadjah Mada, 2018.

- [19] G. Y. Pradipta, “Pengembangan Antarmuka Website Menggunakan Kerangka Kerja Angular 4 (Studi Kasus Sistem Informasi Pengumpulan Data secara Online di Pusat Kedokteran Tropis Fakultas Kedokteran Kesehatan Masyarakat dan Keperawatan Universitas Gadjah Mada),” Skripsi. Teknik Elektro dan Teknologi Informasi, Universitas Gadjah Mada, 2018.
- [20] N. Arizka, “Pengembangan dan Evaluasi Prototipe Antarmuka Sistem Pemantauan Konsumsi Energi Listrik Berbasis The Element of User Experience untuk Mendukung Smart Building dalam Gedung DTETI FT UGM,” Skripsi. Teknik Elektro dan Teknologi Informasi, Universitas Gadjah Mada, 2017.
- [21] R. A. Partadiredja, “Pengembangan Prototipe Antarmuka Peranti Bergerak Sistem Informasi Bus Menggunakan The Element of User Experience,” Skripsi. Teknik Elektro dan Teknologi Informasi, Universitas Gadjah Mada, 2016.
- [22] A. Bismo, “Pengembangan Aplikasi Piranti Bergerak Pemantauan dan Pengendalian Perangkat Elektronik pada Rumah Cerdas (Antarmuka Berlandaskan The Elements of User Experience),” Skripsi. Teknik Elektro dan Teknologi Informasi, Universitas Gadjah Mada.
- [23] Badan Penerbit dan Publikasi UGM, “UGM Press.” [Online]. Available: <https://publikasi.ugm.ac.id/id/ugm-press/>. [Accessed: 01-Aug-2018].
- [24] I. Setiawan *et al.*, *Standard Operating Procedure (SOP) Pengajuan Insentif Hibah/Bantuan, Keikutsertaan dalam Kegiatan UASC/Workshop, Kerja Sama, serta Penerbitan Naskah*. Yogyakarta: Badan Penerbit dan Publikasi Universitas Gadjah Mada, 2017.
- [25] I. Setiawan *et al.*, *Manual Procedure Badan Penerbit dan Publikasi*. Yogyakarta: Badan Penerbit dan Publikasi Universitas Gadjah Mada, 2017.

- [26] K. C. Laudon and J. P. Laudon, *Management Information Systems: Managing the Digital Firm*, 13th ed. Essex: Pearson, 2016.
- [27] R. J. Paul, "What an information system is, and why is it important to know this," *Proc. Int. Conf. Inf. Technol. Interfaces, ITI*, pp. 27–32, 2009.
- [28] R. Stair and G. Reynolds, "An Introduction of Information System in Organizations," in *Fundamental of Information System*, 6th ed., N. Heink, Ed. Boston: Course Technology Cengage Learning, 2012, pp. 8–10.
- [29] J. A. O'Brien and G. M. Marakas, *Management Information System*, vol. 172, no. November 2014. 2012.
- [30] Ekaterina Novoseltseva, "User-Centered Design: An Introduction - Usability Geek." [Online]. Available: <https://usabilitygeek.com/user-centered-design-introduction/>. [Accessed: 08-Apr-2018].
- [31] B. Still and K. Crane, *Fundamentals of User-Centered Design : A Practical Approach*. Boca Raton: CRC Press, 2016.
- [32] J. Derome, "What is User Experience?," 2015. [Online]. Available: <https://www.usertesting.com/blog/what-is-user-experience/>. [Accessed: 12-Aug-2018].
- [33] The Interaction Design Foundation, "User Centered Design," 2016. [Online]. Available: <https://www.interaction-design.org/literature/topics/user-centered-design>.
- [34] C. Abras, D. Maloney-Krichmar, and J. Preece, "User-Centered Design," *Encyclopedia of Human-Computer Interaction*. Sage Publications, 2004.
- [35] Foraker Labs, "Introduction to User-Centered Design," 2015. [Online]. Available: <http://www.usabilityfirst.com/about-usability/introduction-to-user-centered-design/>. [Accessed: 17-Aug-2018].
- [36] D. Rubin, J., & Chisnell, *Handbook of usability testing [electronic resource] : How to plan, design, and conduct effective tests*, 2nd ed.

Indianapolis: Wiley Publishing Inc., 2008.

- [37] Nathan Thomas, “How To Use The System Usability Scale (SUS) To Evaluate The Usability Of Your Website - Usability Geek,” 2015. [Online]. Available: <https://usabilitygeek.com/how-to-use-the-system-usability-scale-sus-to-evaluate-the-usability-of-your-website/>. [Accessed: 09-Apr-2018].
- [38] J. Brooke, “SUS : A Retrospective,” *J. Usability Stud.*, vol. 8, no. 2, pp. 29–40, 2013.
- [39] J. Brooke, “System Usability Scale (SUS).” [Online]. Available: <http://www.usabilitynet.org/trump/documents/Suschapt.doc>.
- [40] A. Bangor, T. Staff, P. Kortum, J. Miller, and T. Staff, “Determining What Individual SUS Scores Mean : Adding an Adjective Rating Scale,” vol. 4, no. 3, pp. 114–123, 2009.
- [41] T. S. Tullis and J. N. Stetson, “A Comparison of Questionnaires for Assessing Website Usability ABSTRACT : Introduction,” *Usability Prof. Assoc. Conf.*, pp. 1–12, 2004.
- [42] J. Sauro, “Measuring Usability With The System Usability Scale (SUS),” 2016. [Online]. Available: <https://www.userfocus.co.uk/articles/measuring-usability-with-the-SUS.html>. [Accessed: 18-Aug-2018].
- [43] G. Booch, I. Jacobson, and J. Rumbaugh, *The Unified Modeling Language Reference Manual*. Massachusetts: Addison Wesley Longman, 1999.
- [44] N. Ceta, “All You Need to Know About UML Diagrams: Types and 5+ Examples,” 2018. [Online]. Available: <https://tallyfy.com/uml-diagram/>. [Accessed: 24-Aug-2018].
- [45] Visual Paradigm, “What is Unified Modeling Language (UML)?” [Online]. Available: <https://www.visual-paradigm.com/guide/uml-unified-modeling-language/what-is-uml/>. [Accessed: 24-Aug-2018].
- [46] Object Management Group (OMG), “Business Process Model and Notation

- (BPMN) Version 2.0,” *Business*, vol. 50, no. January, p. 170, 2011.
- [47] G. Polancic, “Business Process Modeling with BPMN 2.0,” Maribor, 2010.
- [48] P. Sonia, “Step-By-Step Guide to Business Process Mapping.” [Online]. Available: <https://tallyfy.com/business-process-mapping/>. [Accessed: 01-Sep-2018].
- [49] Andre, “Belajar HTML Dasar Part 1: Pengertian HTML,” 2017. [Online]. Available: <https://www.duniaikom.com/belajar-html-pengertian-html/>. [Accessed: 01-Sep-2018].
- [50] S. Ross, “What is HTML?,” 2012. [Online]. Available: <https://www.yourhtmlsource.com/starthere/whatishtml.html>. [Accessed: 01-Sep-2018].
- [51] K. Jennifer, “HTML Tag Definition : What You Need to Know About HTML Tags,” 2018. [Online]. Available: <https://www.lifewire.com/html-tag-definition-3466458>. [Accessed: 01-Sep-2018].
- [52] CSS3 Tutorial, “Introduction: What is CSS?” [Online]. Available: <https://www.css3-tutorial.net/introduction/what-is-css/>. [Accessed: 01-Sep-2018].
- [53] J. Swisher, “So what is CSS, really?,” 2018. [Online]. Available: https://developer.mozilla.org/en-US/docs/Learn/Getting_started_with_the_web/CSS_basics. [Accessed: 01-Sep-2018].
- [54] K. Madison, “What is JavaScript?,” 2018. [Online]. Available: https://developer.mozilla.org/en-US/docs/Learn/JavaScript/First_steps/What_is_JavaScript. [Accessed: 01-Sep-2018].
- [55] C. Mills, “JavaScript basics,” 2018. [Online]. Available: <https://developer.mozilla.org/en->

US/docs/Learn/Getting_started_with_the_web/JavaScript_basics.

[Accessed: 01-Sep-2018].

- [56] D. Thomas, “JavaScript Vs jQuery - Difference Between JavaScript And jQuery,” 2018. [Online]. Available: <https://www.c-sharpcorner.com/article/javascript-vs-jquery-difference-between-javascript-and-jquery/>. [Accessed: 29-Sep-2018].
- [57] The PHP Group, “What is PHP?” [Online]. Available: <http://php.net/manual/en/intro-whatis.php>. [Accessed: 02-Sep-2018].
- [58] W3Schools, “PHP 5 Introduction.” [Online]. Available: https://www.w3schools.com/php/php_intro.asp. [Accessed: 02-Sep-2018].
- [59] The PHP Group, “What can PHP do?” [Online]. Available: <http://php.net/manual/en/intro-whatcando.php>. [Accessed: 02-Sep-2018].
- [60] Logic Heart Pvt Ltd, “Top 6 Reasons Why PHP Better for Web Development?,” 2016. [Online]. Available: <https://www.linkedin.com/pulse/top-6-reasons-why-php-better-web-development-logic-heart-pvt-ltd>. [Accessed: 02-Sep-2018].
- [61] W3Schools, “Bootstrap 4 Get Started.” [Online]. Available: https://www.w3schools.com/bootstrap4/bootstrap_get_started.asp. [Accessed: 02-Sep-2018].
- [62] A. Ouellette, “What is Bootstrap: A Beginners Guide,” 2017. [Online]. Available: <https://careerfoundry.com/en/blog/web-development/what-is-bootstrap-a-beginners-guide/>. [Accessed: 02-Sep-2018].
- [63] Tutorial Republic, “Bootstrap Getting Started.” [Online]. Available: <https://www.tutorialrepublic.com/twitter-bootstrap-tutorial/bootstrap-get-started.php>. [Accessed: 02-Sep-2018].
- [64] B. Sidik, *Framework Codeigniter : Membangun Pemrograman Berbasis Web dengan Berbagai Kemudahan & Fasilitas Codeigniter 3*. Bandung:

Informatika, 2018.

- [65] A. P. Basuki, *Menguasai Codeigniter 3: Kasus Membangun Aplikasi Perpustakaan*. Yogyakarta: Lokomedia, 2016.
- [66] British Columbia Institute of Technology, “Model-View-Controller.” [Online]. Available: https://www.codeigniter.com/user_guide/overview/mvc.html. [Accessed: 02-Sep-2018].
- [67] C. Bateson, “5 Reasons Why CodeIgniter Should Be Your Preferred Web Development Framework,” 2018. [Online]. Available: <https://dev.to/chrisbateson80/5-reasons-why-codeigniter-should-be-your-preferred-web-development-framework-m1j>. [Accessed: 02-Sep-2018].
- [68] R. Sharma, “10 Reason why Codeigniter mvc framework is better than other PHP Frameworks,” 2018. [Online]. Available: <https://ezeelive.com/10-reason-codeigniter-mvc-framework-better-php-frameworks/>. [Accessed: 02-Sep-2018].
- [69] S. Dhandapani, “Integration of User Centered Design and Software Development Process,” in *2016 IEEE 7th Annual Information Technology, Electronics and Mobile Communication Conference (IEMCON)*, 2016, pp. 1–5.
- [70] C. V. Geambaşu, “Bpmn Vs . Uml Activity Diagram for Business Process Modeling,” *Account. Manag. Inf. Syst.*, vol. 11, no. 4, pp. 637–651, 2012.
- [71] D. C. C. Peixoto, V. a Batista, A. P. Atayde, and E. P. Borges, “A Comparison of BPMN and UML 2 . 0 Activity Diagrams,” *Work*, vol. 3, no. February 2016, pp. 1–14, 2007.
- [72] The Interaction Design Foundation, “User Scenarios.” [Online]. Available: <https://www.interaction-design.org/literature/topics/user-scenarios>. [Accessed: 04-Sep-2018].

- [73] Z. Sharfina, H. B. Santoso, and A. Usability, “An Indonesian Adaptation of the System Usability Scale (SUS),” 2016.