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PENGEMBANGAN SISTEM REKOMENDASI STRATEGI BELAJAR YANG MELATIH KEMAMPUAN METAKOGNISI DAN

SELF-REGULATED MAHASISWA DALAM PEMBELAJARAN MATA KULIAH ALGORITME DAN

STRUKTUR DATA

FILEMON WILSON S, Dr. Eng. Silmi Fauziati, S.T., M.T. ; Adhistya Erna Permanasari, S.T., M.T., Ph.D.

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DAFTAR PUSTAKA

- [1] A. Nurlayli, T. B. Adj, A. E. Permanasari, and I. Hidayah, “*Tahani Model of Fuzzy Database for an Adaptive Metacognitive Scaffolding in Hypermedia Learning Environment (Case : Algorithm and Structure Data Course)*,” pp. 358–363, 2017.
- [2] R. Azevedo, J. G. Cromley, and D. Seibert, “*Does adaptive scaffolding facilitate students' ability to regulate their learning with hypermedia?*,” *Contemp. Educ. Psychol.*, vol. 29, no. 3, pp. 344–370, 2004.
- [3] S. Basu, G. Biswas, and J. S. Kinnebrew, “*Learner modeling for adaptive scaffolding in a Computational Thinking-based science learning environment*,” *User Model. User-adapt. Interact.*, vol. 27, no. 1, pp. 5–53, 2017.
- [4] G. Schraw and D. Moshman, “*Metacognitive Theories Metacognitive Theories*,” *Educ. Psychol. Rev.*, vol. 7, no. 4, pp. 351–371, 1995.
- [5] L. Bacon and L. MacKinnon, “*A flexible framework for metacognitive modelling and development*,” *Proc. Int. Conf. e-Learning, ICEL*, pp. 7–14, 2014.
- [6] B. J. Zimmerman and M. M. Pons, “*Development of a Structured Interview for Assessing Student Use of Self-Regulated Learning Strategies*,” *Am. Educ. Res. J.*, vol. 23, no. 4, pp. 614–628, 1986.
- [7] E. G. Poitras and S. P. Lajoie, “*A domain-specific account of self-regulated learning: The cognitive and metacognitive activities involved in learning through historical inquiry*,” *Metacognition Learn.*, vol. 8, no. 3, pp. 213–234, 2013.
- [8] R. Azevedo, A. Witherspoon, A. Chauncey, C. Burkett, and A. Fike, “*MetaTutor: A MetaCognitive Tool for Enhancing Self-Regulated Learning*,” *Annu. Meet. Am. Assoc. Artif. Intell. Symp. Metacognitive Cogn. Educ. Syst.*, pp. 14–19, 2009.
- [9] A. E. Permanasari, D. Ph, I. Hidayah, J. Teknik, E. Fakultas, and U. G. Mada, “*RENCANA PROGRAM KEGIATAN PEMBELAJARAN SEMESTER (RPKPS) ALGORITME DAN STRUKTUR DATA Program Studi : Teknologi Informasi Semester : Genap 2015 / 2016 oleh :*,” pp. 1–7, 2016.
- [10] D. H. Schunk, *Learning theories : an educational perspective*. 2012.
- [11] R. Bhandari, “*Making Distance Learning Effective : A New Approach in Maritime*



Education & Training I . Making E-Learning Effective Benefits of E-Learning Barriers to Implementing E-Learning,” pp. 1–16, 2004.

- [12] R. Azevedo, “*Computer environments as metacognitive tools for enhancing learning,*” *Educational Psychologist*, vol. 40, no. 4. pp. 193–197, 2005.
- [13] R. Azevedo, “*Using hypermedia as a metacognitive tool for enhancing student learning? The role of self-regulated learning,*” *Educational Psychologist*, vol. 40, no. 4. pp. 199–209, 2005.
- [14] B. Binbasaran Tuysuzoglu and J. A. Greene, “*An investigation of the role of contingent metacognitive behavior in self-regulated learning,*” *Metacognition Learn.*, vol. 10, no. 1, pp. 77–98, 2015.
- [15] P. Konstantinou and R. A. Development, “*Rapid application development,*” ISAM 5635, pp. 1–10.
- [16] B. Prashanth Kumar and Y. Prashanth, “*Improving the Rapid Application Development process model,*” in *2014 Conference on IT in Business, Industry and Government (CSIBIG)*, 2014, pp. 1–3.
- [17] M. R. Fahrurrozi and T. K. Gautama, “Sistem Pendukung Keputusan Penerimaan Pegawai dengan Algoritme Simple Additive Weighting dan Fuzzy Logic,” *J. Inform.*, vol. 9, pp. 189–205, 2013.
- [18] M. Syafrizal, “Sistem Pendukung Keputusan (*Decision Support System*),” *J. DASI*, vol. 11, no. 3, pp. 77–90, 2002.
- [19] Margaret Rouse, “*What is fuzzy logic? - Definition from WhatIs.com,*” TechTarget, 2016. [Online]. Available: <http://whatis.techtarget.com/definition/fuzzy-logic>.
- [20] T. Liaoning, “*Application of Collaborative E- Learning Strategies in College English Teaching* WANGYi Collaborative e-Learning in class Collaborative e-learning in preview and after-class activities i) Preview A . Enhancing students ’ confidence B . Boosting students ’,” pp. 69–71, 2012.
- [21] N. F. Jumaat and Z. Tasir, “Metacognitive scaffolding to support students in learning authoring system subject,” *Proc. - 2015 Int. Conf. Learn. Teach. Comput. Eng. LaTiCE 2015*, pp. 87–90, 2015.
- [22] K. S. D. Kumhyr, C. Merrill, *Software Testing and Internationalization*, Vol. 1. Salt Lake: Lemoine International, 2003.



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- [23] GreenIT, “Pengertian dan Fungsi dari Black Box Testing ~ Bier Pinter.” [Online]. Available: <https://bierpinter.com/pengetahuan/pengertian-dan-fungsi-dari-black-box-testing/>. [Accessed: 30-Aug-2018].
- [24] R. S. Pressman and B. R. Maxim, *Software Engineering-A Practitioners Approach*. 2015.
- [25] D. Talby, O. Nakar, N. Shmueli, E. Margolin, and A. Keren, “A process-complete automatic acceptance testing framework,” *Proc. - IEEE Int. Conf. Softw. - Sci. Technol. Eng. 2005, SwSTE '05*, vol. 2005, pp. 129–138, 2005.
- [26] “Pengujian UAT (User Acceptance Test) – Endang Cahya Permana.” [Online]. Available: <https://endangcahyapermana.wordpress.com/2017/03/14/pengujian-uat-user-acceptance-test/>. [Accessed: 18-Sep-2018].
- [27] B. Z. Halimah *et al.*, “Evaluation of HiCORE: Multi-tiered Holistic Islamic Banking System based on User Acceptance Test,” *Proc. 2010 Int. Symp. Inf. Technol. - Vis. Informatics, ITSim '10*, vol. 1, 2010.
- [28] W. Bond and J. Skinner, “News - Sublime Text.” [Online]. Available: <https://www.sublimetext.com/blog/>. [Accessed: 26-Jul-2018].
- [29] Microsoft, “Windows 10 System Requirements & Specifications | Microsoft.” [Online]. Available: <https://www.microsoft.com/en-us/windows/windows-10-specifications>. [Accessed: 26-Jul-2018].
- [30] Microsoft, “Windows 10 - Microsoft Store Indonesia.” [Online]. Available: <https://www.microsoft.com/id-id/store/b/windows>. [Accessed: 26-Jul-2018].
- [31] XAMPP, “About the XAMPP project.” [Online]. Available: <https://www.apachefriends.org/about.html>. [Accessed: 26-Jul-2018].
- [32] Sublime Text, “Sublime Text - A sophisticated text editor for code, markup and prose.” [Online]. Available: <https://www.sublimetext.com/>. [Accessed: 26-Jul-2018].
- [33] Google, “Chrome Browser - Secure, trusted Cloud access | Chrome Enterprise | Google Cloud.” [Online]. Available: https://cloud.google.com/chrome-enterprise/browser/?_ga=2.160649277.1671499169.1532611641-1926612314.1532611635. [Accessed: 26-Jul-2018].
- [34] Microsoft Office, “Laman Visio.” [Online]. Available: <https://products.office.com/id-id/visio/flowchart-software>. [Accessed: 27-Jul-2018].
- [35] Software Jongde, “The all inclusive prototyping tool for fast interaction, fast design and



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fast previewing | Mockplus Features. [Online]. Available:

<https://www.mockplus.com/features>. [Accessed: 07-Aug-2018].

- [36] A. Setiawan, D. Endrawan, R. Fathoni, and S. B. P, “*Rapid Application Development*,” *Sist. Inf.*, pp. 1–12, 2011.
- [37] Pratama Aditya Rahmatullah, “Belajar UML - Use Case Diagram - CodePolitan.com.” [Online]. Available: <https://www.codepolitan.com/mengenal-uml-diagram-use-case>. [Accessed: 07-Aug-2018].
- [38] Pratama Aditya Rahmatullah, “Belajar UML - Activity Diagram - CodePolitan.com.” [Online]. Available: <https://www.codepolitan.com/mengenal-uml-contoh-uml-diagram-model-activity-diagram>. [Accessed: 07-Aug-2018].
- [39] BPKP, “Audit Kinerja Sektor Publik Pengumpulan & Pengolahan Data,” 2007.