

## DAFTAR PUSTAKA

- Alliance, A. (2001). *The Agile Manifesto*. <https://agilemanifesto.org>
- Alsaqqa, S., Sawalha, S., & Abdel-Nabi, H. (2020). Agile Software Development: Methodologies and Trends. *International Journal of Interactive Mobile Technologies (iJIM)*, 14(11), 246. <https://doi.org/10.3991/ijim.v14i11.13269>
- Mehmet Güray Güler, Ebru Geçici, Tuğçe Köroğlu, & Emre Becit. (2021). A web-based decision support system for examination timetabling. *Expert Systems with Applications*, 183, 115363–115363. <https://doi.org/10.1016/j.eswa.2021.115363>
- Ambedkar, D. B. (2015). *WEB APPLICATION DEVELOPMENT*. [https://baou.edu.in/assets/pdf/PGDCA-202\\_slm.pdf](https://baou.edu.in/assets/pdf/PGDCA-202_slm.pdf)
- Atkinson, C., & Hummel, O. (2012). Iterative and incremental development of component-based software architectures. *Proceedings of the 15th ACM SIGSOFT symposium on Component Based Software Engineering*, 77–82. <https://doi.org/10.1145/2304736.2304750>
- Burke, E. K., & Varley, D. B. (1998). *Space allocation: An analysis of higher education requirements* (hal. 20–33). <https://doi.org/10.1007/BFb0055879>
- Chun, A. (n.d.). *Chapter 2: Web Application Basics*. <https://www.cs.cityu.edu.hk/~hwchun/Courses/Docs/Internet/0201730383.pdf>
- Cluwen, F. T. F. M. (2015). *DYNAMIC ROOM ALLOCATION - ADAPTIVE PLANNING OF TEACHING FACILITIES AT THE UNIVERSITY OF TWENTE*. [https://essay.utwente.nl/67019/1/MeijerCluwen\\_AM\\_EEMCSv2.pdf](https://essay.utwente.nl/67019/1/MeijerCluwen_AM_EEMCSv2.pdf)
- Conallen, J. (1999). *Modeling Web Application Architectures with UML*. <http://www.cs.toronto.edu/km/tropos/conallen.pdf>
- Doel Sengupta, Manu Singhal, D. (2016). *Getting Started with React*. <https://books.google.co.id/books?hl=en&lr=&id=->

dzJDAAAQBAJ&oi=fnd&pg=PP1&dq=react+js+library+fundamentals&ots=kvGN0IXfpQ&sig=a2LIfSxbXE-pkhZXA7WdGrmnzJo&redir\_esc=y#v=onepage&q=react js library fundamentals&f=false

- Dybå, T., & Dingsøy, T. (2008). Empirical studies of agile software development: A systematic review. *Information and Software Technology*, 50(9–10), 833–859. <https://doi.org/10.1016/j.infsof.2008.01.006>
- Farcic, V. (2014). *Software Development Models: Iterative and Incremental Development*. <https://technologyconversations.com/2014/01/21/software-development-models-iterative-and-incremental-development/>
- Ghaffar, A., Sattar, M., Munir, M., & Qureshi, Z. (2018). Multi-objective fuzzy-based adaptive memetic algorithm with hyper-heuristics to solve university course timetabling problem. *ICST Transactions on Scalable Information Systems*, 172435. <https://doi.org/10.4108/eai.16-12-2021.172435>
- Güler, M. G., Geçici, E., Köroğlu, T., & Becit, E. (2021). A web-based decision support system for examination timetabling. *Expert Systems with Applications*, 183, 115363. <https://doi.org/10.1016/j.eswa.2021.115363>
- Jacobson, L. A. (2013). *Classroom Scheduling in Higher Education: A Best Practices Approach*. <https://www.proquest.com/openview/f39ec7bec2c2720179ec8c846b119a1f/1?pq-origsite=gscholar&cbl=18750>
- Julien Boeuf, Christoph Kern, and J. R., with Guy Fischman, Paul Blankinship, A. C., & Sergey Simakov, Peter Valchev, and D. C. (2020). *Design for Understandability*. <https://bjpcjp.github.io/pdfs/devops/SRS-understandability.pdf>
- Kenneth R. Baker & Dan Trietsch. (2009). *Principles of Sequencing and Scheduling*. [https://books.google.co.id/books?id=p5dOofM-LPYC&printsec=frontcover&source=gbs\\_atb&redir\\_esc=y#v=onepage&q&f=false](https://books.google.co.id/books?id=p5dOofM-LPYC&printsec=frontcover&source=gbs_atb&redir_esc=y#v=onepage&q&f=false)

- Lemos, A., Melo, F. S., Monteiro, P. T., & Lynce, I. (2019). Room usage optimization in timetabling: A case study at Universidade de Lisboa. *Operations Research Perspectives*, 6, 100092. <https://doi.org/10.1016/j.orp.2018.100092>
- Suehring, S. (2013). *JavaScript Step by Step*. [https://books.google.co.id/books?hl=id&lr=&id=IKICAwAAQBAJ&oi=fnd&pg=PT116&dq=%22javascript+fundamentals%22&ots=WSegwAUXr6&sig=fO8JFOYVMLyvJs0e3tNwXqlYAP4&redir\\_esc=y#v=onepage&q&f=false](https://books.google.co.id/books?hl=id&lr=&id=IKICAwAAQBAJ&oi=fnd&pg=PT116&dq=%22javascript+fundamentals%22&ots=WSegwAUXr6&sig=fO8JFOYVMLyvJs0e3tNwXqlYAP4&redir_esc=y#v=onepage&q&f=false)
- Ullman, L. (2012). *Modern JavaScript: Develop and Design* No Title. [https://books.google.co.id/books?hl=id&lr=&id=ExJ9\\_sor87QC&oi=fnd&pg=PR5&dq=%22javascript+fundamentals%22&ots=EofzrmBIcQ&sig=Hj jk6Ok1ewz6ab4CJbIjB3vO55U&redir\\_esc=y#v=onepage&q=%22javascript fundamentals%22&f=false](https://books.google.co.id/books?hl=id&lr=&id=ExJ9_sor87QC&oi=fnd&pg=PR5&dq=%22javascript+fundamentals%22&ots=EofzrmBIcQ&sig=Hj jk6Ok1ewz6ab4CJbIjB3vO55U&redir_esc=y#v=onepage&q=%22javascript fundamentals%22&f=false)
- Van den Bergh, J., Beliën, J., De Bruecker, P., Demeulemeester, E., & De Boeck, L. (2013). Personnel scheduling: A literature review. *European Journal of Operational Research*, 226(3), 367–385. <https://doi.org/10.1016/j.ejor.2012.11.029>
- Yousaf, N., Butt, W. H., Azam, F., & Anwar, M. W. (2019). *A Systematic Review of Adaptive and Responsive Design Approaches for World Wide Web* (hal. 704–717). [https://doi.org/10.1007/978-3-030-03405-4\\_50](https://doi.org/10.1007/978-3-030-03405-4_50)
- Vanesha, N. A., Rizky, R., & Purwanto, A. (2024). Comparison Between Usability and User Acceptance Testing on Educational Game Assessment.
- Gordon, S., Crager, J., Howry, C., Barsdorf, A., Cohen, J., Crescioni, M., Dahya, B., Delong, P., Knaus, C., Reasner, D., Vallow, S., Zarzar, K., & Eremenco, S. (2022). Best Practice Recommendations: User Acceptance Testing for Systems Designed to Collect Clinical Outcome Assessment Data Electronically.
- A Jartarghar, H., Rao Salanke, G., A.R, A. K., G.S, S., & Dalali, S. (2022). React Apps with Server-Side Rendering: Next.js. *Journal of Telecommunication*,

*Electronic and Computer Engineering (JTEC)*, 14(4), 25–29.  
<https://doi.org/10.54554/jtec.2022.14.04.005>

Al-Hurmuzi, S., Al-Khanjari, Z., & Al-Kindi, I. (2018). Proposed Feasible PEF framework for User Acceptance Testing. *2018 8th International Conference on Computer Science and Information Technology (CSIT)*, 242–248.  
<https://doi.org/10.1109/CSIT.2018.8486225>

Güler, M. G., Geçici, E., Köroğlu, T., & Becit, E. (2021). A web-based decision support system for examination timetabling. *Expert Systems with Applications*, 183, 115363. <https://doi.org/10.1016/j.eswa.2021.115363>

Lourenço, E. L., & Monteiro, I. T. (2023). ION: design system for the internal systems development sector of the company Brisagnet Telecomunicações. *Proceedings of the XXII Brazilian Symposium on Human Factors in Computing Systems*, 1–11. <https://doi.org/10.1145/3638067.3638108>

Memmel, T. (2009). User Interface Specification for Interactive Software Systems Process-, Method- and Tool-Support for Interdisciplinary and Collaborative Requirements Modelling and Prototyping-Driven User Interface Specification. *Dissertation zur Erlangung des akademischen Grades des Doktor der Naturwissenschaften (Dr. rer. nat.) Universität Konstanz Mathematisch-Naturwissenschaftliche Sektion Fachbereich*, April.  
<http://nbn-resolving.de/urn:nbn:de:bsz:352-opus-79923>

Pahole, L. (2023). Optimizacija spletne rešitve v ogrodju Next.js z Google Lighthouse. *OTS 2023 Sodobne informacijske tehnologije in storitve: Zbornik 26. konference*, 175–190.  
<https://doi.org/10.18690/um.feri.8.2023.15>

Reenskaug, T. (2001). *Perspectives on the Unified Modeling Language semantics*.

Rettig, M. (1994). Prototyping for tiny fingers. *Communications of the ACM*, 37(4), 21–27. <https://doi.org/10.1145/175276.175288>

Rose, E. J., Macdonald, C., & Putnam, C. (2023). Design Systems: A scalable model for teaching design systems for UX. *Proceedings of the 5th Annual*

*Symposium on HCI Education*, 5–7.  
<https://doi.org/10.1145/3587399.3587403>

Rumbaugh, J. I. J. G. B. (2013). The Unified Modeling Language Reference Manual. In *Journal of Chemical Information and Modeling* (Vol. 53, Nomor 9).

Santos, E. C. Dos, Vilain, P., & Longo, D. H. (2018). A systematic literature review to support the selection of user acceptance testing techniques. *Proceedings of the 40th International Conference on Software Engineering: Companion Proceedings*, 418–419.  
<https://doi.org/10.1145/3183440.3195036>

Seidl, M., Scholz, M., Huemer, C., & Kappel, G. (2015). *The Activity Diagram* (hal. 141–166). [https://doi.org/10.1007/978-3-319-12742-2\\_7](https://doi.org/10.1007/978-3-319-12742-2_7)

Some, S. S. (2005). Use cases based requirements validation with scenarios. *13th IEEE International Conference on Requirements Engineering (RE'05)*, 465–466. <https://doi.org/10.1109/RE.2005.75>

Srivastava, S., Shukla, H., Landge, N., Srivastava, A., & Jindal, D. (2024). A Comprehensive Review of Next.js Technology: Advancements, Features, and Applications. *SSRN Electronic Journal*.  
<https://doi.org/10.2139/ssrn.4831070>

Susanto, F. G. P., Fadlan, N. I. Y., & Haryani, P. (2023). Design of Web-Based Management Information System for Student Organizations in Kendal Regency Using Next.js Framework. *Compiler*, 12(1), 9.  
<https://doi.org/10.28989/compiler.v12i1.1616>

Thramboulidis, K. (2020). Unified Modeling Language. In *Definitions* (hal. 47–70). Qeios. <https://doi.org/10.32388/NHHVTT>

Williams, T., Vo, H., Samset, K., & Edkins, A. (2019). The front-end of projects: a systematic literature review and structuring. *Production Planning & Control*, 30(14), 1137–1169.  
<https://doi.org/10.1080/09537287.2019.1594429>