

References

- Abrahamsson, P., Salo, O., Ronkainen, J., & Warsta, J. (2017). Agile software development methods: Review and analysis. *arXiv Preprint arXiv:1709.08439*.
- Berchet, C., & Habchi, G. (2005). The implementation and deployment of an ERP system: An industrial case study. *Computers in Industry*, 56(6), 588–605.
- Biggs, J. B. (2011). *Teaching for quality learning at university: What the student does*. McGraw-Hill Education (UK).
- Brisebois, M. A., Drummond, B., Mehta, A., Chene, M., & Flannigan, M. (2017, December 5). *Method and system for customizing a mobile application using a web-based interface*. Google Patents.
- Burbules, N. (2018). *Watch IT: The risks and promises of information technologies for education*. Routledge.
- Carson, S. (2009). The unwallied garden: growth of the OpenCourseWare Consortium, 2001–2008. *Open Learning*, 24(1), 23–29.
- Chopra, R. (2018). *Software Testing: A Self-Teaching Introduction*. Stylus Publishing, LLC.
- Cronbach, L. J. (1951). Coefficient alpha and the internal structure of tests. *Psychometrika*, 16(3), 297–334.
- Delone, W. H., & McLean, E. R. (2003). The DeLone and McLean model of information systems success: a ten-year update. *Journal of Management Information Systems*, 19(4), 9–30.
- Dick, J., Hull, E., & Jackson, K. (2017). *Requirements engineering*. Springer.
- Frain, B. (2015). *Responsive web design with HTML5 and CSS3*. Packt Publishing Ltd.
- Grant, R. M. (2016). *Contemporary strategy analysis: Text and cases edition*. John Wiley & Sons.

- Guttman, L. (1944). A basis for scaling qualitative data. *American Sociological Review*, 9(2), 139–150.
- Hakami, N. A. M. (2018). *An Investigation of the Motivational Factors Influencing Learners' Intentions to Continue Using Arabic MOOCs*. University of Southampton, University Library.
- Hua, J., Zhang, M., Wang, K., & Khurshid, S. (2018). Towards practical program repair with on-demand candidate generation. *Proceedings of the 40th International Conference on Software Engineering*, 12–23. ACM.
- Hussain, A., & Mkpojiogu, E. O. C. (2015). The effect of responsive web design on the user experience with laptop and smartphone devices. *Jurnal Teknologi (Sciences & Engineering)*, 77(4), 41–47.
- Hylén, J. (2006). Open educational resources: Opportunities and challenges. *Proceedings of Open Education*, 4963.
- Ivory, M. Y., & Hearst, M. A. (2001). The state of the art in automating usability evaluation of user interfaces. *ACM Computing Surveys (CSUR)*, 33(4), 470–516.
- Jadhav, M. A., Sawant, B. R., & Deshmukh, A. (2015). Single page application using angularjs. *International Journal of Computer Science and Information Technologies*, 6(3), 2876–2879.
- Jones, E., & Brown, S. (2007). *Internationalising higher education*. Routledge.
- Kalinga, E. A. (2008). *development of an interactive e-learning management system (e-Lms) for tanzanian secondary schools*.
- Kumar, V., & Jenamani, M. (2017). Context preserving navigation redesign under Markovian assumption for responsive websites. *Electronic Commerce Research and Applications*, 21, 65–78.
- Kupiainen, E., Mäntylä, M. V, & Itkonen, J. (2015). Using metrics in Agile and

- Lean Software Development—A systematic literature review of industrial studies. *Information and Software Technology*, 62, 143–163.
- Lee, K.-H., Cram, R., & Mukundan, A. (2002, January 1). *Web client-server system and method for incompatible page markup and presentation languages*. Google Patents.
- Martin, J., & Finkelstein, C. (1989). *Information engineering*. Prentice Hall Englewood Cliffs, NJ.
- McCanne, S., Demmer, M. J., Watson, D. J., & Wu, D. T.-S. (2016, August 2). *Optimizing communications using client-side reconstruction scripting*. Google Patents.
- Mesaros, A., Heittola, T., Diment, A., Elizalde, B., Shah, A., Vincent, E., ... Virtanen, T. (2017). DCASE 2017 challenge setup: Tasks, datasets and baseline system. *DCASE 2017-Workshop on Detection and Classification of Acoustic Scenes and Events*.
- Montgomery, D. C. (2017). *Design and analysis of experiments*. John Wiley & Sons.
- Paulson, L. D. (2005). Building rich web applications with Ajax. *Computer*, 38(10), 14–17.
- Ríos, J. R. M., Ordóñez, M. P. Z., Tapia, J. A. H., & Moreno, A. S. G. (2016). Analysis Methodologies Web Application Development. *International Journal of Applied Engineering Research*, 11(16), 9070–9078.
- Rosenzweig, E. (2015). *Successful user experience: Strategies and roadmaps*. Morgan Kaufmann.
- Ruhinda, B. (2013). *E-learning: Virtual Classroom as an Added Learning Platform in Higher Learning Institutions of Rwanda*. <https://doi.org/10.13140/RG.2.2.30169.52325>

- S, M. (2014). Design and development of ontology Based e learning system for sports Domain. *University*. Retrieved from <http://shodhganga.inflibnet.ac.in:8080/jspui/handle/10603/38942>
- Selimi, V., & Veliu, I. (2010). *Design & Development of Modular Learning Management Systems*. 86.
- Siapera, E. (2017). *Understanding new media*. Sage.
- Soma, K., Termeer, C. J. A. M., & Opdam, P. (2016). Informational governance— A systematic literature review of governance for sustainability in the Information Age. *Environmental Science & Policy*, 56, 89–99.
- Souders, S. (2008). High-performance web sites. *Communications of the ACM*, 51(12), 36–41.
- Sriyanti, I. (2014). *Development of Learning Management System (Lms) As an Effort in Increasing Learning Effectiveness and Learning Activities of Students in Sriwijaya*. 1, 196–201. Retrieved from <http://dergipark.gov.tr/download/article-file/332934>
- Straker, L., Harris, C., Joosten, J., & Howie, E. K. (2018). Mobile technology dominates school children’s IT use in an advantaged school community and is associated with musculoskeletal and visual symptoms. *Ergonomics*, 61(5), 658–669.
- Sun, J. C., Wu, Y., & Lee, W. (2017). The effect of the flipped classroom approach to OpenCourseWare instruction on students’ self-regulation. *British Journal of Educational Technology*, 48(3), 713–729.
- Tapia-Leon, M., Rivera, A. C., Chicaiza, J., & Luján-Mora, S. (2018). Application of ontologies in higher education: A systematic mapping study. *Global Engineering Education Conference (EDUCON), 2018 IEEE*, 1344–1353. IEEE.

- Turkle, S. (2017). *Alone together: Why we expect more from technology and less from each other*. Hachette UK.
- Wimmer, R. D., & Dominick, J. R. (2013). *Mass media research*. Cengage learning.
- Yanuschik, O. V, Pakhomova, E. G., & Batbold, K. (2015). E-learning as a Way to Improve the Quality of Educational for International Students. *Procedia-Social and Behavioral Sciences*, 215, 147–155.
- Yu, J. H., Keown, C. F., & Jacobs, L. W. (1993). Attitude scale methodology: cross-cultural implications. *Journal of International Consumer Marketing*, 6(2), 45–64.
- Zaheer, H., Breyer, Y., Dumay, J., & Enjeti, M. (2019). Straight from the horse's mouth: Founders' perspectives on achieving "traction" in digital start-ups. *Computers in Human Behavior*, 95, 262–274.
- Zhang, D., & Nunamaker, J. F. (2003). Powering e-learning in the new millennium: an overview of e-learning and enabling technology. *Information Systems Frontiers*, 5(2), 207–218.