

REFERENCES

- Achimugu, P., Selamat, A., Ibrahim, R., & Mahrin, M. N. R. (2014). A systematic literature review of software requirements prioritization research. *Information and Software Technology*, 56(6), 568–585. <https://doi.org/10.1016/j.infsof.2014.02.001>
- Adenowo, A. A. A., & Adenowo, B. A. (2013). Software Engineering Methodologies: A Review of the Waterfall Model and Object-Oriented Approach, 4(7), 427–434.
- Agile Frameworks and Methodologies. (2016).
- Aguilar, J. A., Zaldívar-Colado, A., Tripp-Barba, C., Misra, S., Bernal, R., & Ocegueda, A. (2015). An Analysis of Techniques and Tools for Requirements Elicitation in Model-Driven Web Engineering Methods. *International Conference on Computational Science and Its Applications*. Springer, Cham, 518–527. https://doi.org/http://dx.doi.org/10.1007/978-3-319-21410-8_40
- Ajayi, V. O. (2017). Primary Sources of Data and Secondary Sources of Data, (September), 1–6. <https://doi.org/10.13140/RG.2.2.24292.68481>
- Ambler, S.W. and Lines, M. (2012). *Disciplined Agile Delivery: A Practitioner's Guide to Agile Software Delivery in the Enterprise*.
- Anas, H., Ilyas, M., Tariq, Q., & Hummayun, M. (2016). Requirements Validation Techniques: An Empirical Study. *International Journal of Computer Applications*, 148(14), 5–10. <https://doi.org/10.5120/ijca2016910911>
- Anton, A. I. (2003). Successful Software Projects Need Requirements Planning. *IEEE Software*, 20(3), 44. <https://doi.org/10.1109/MS.2003.1196319>
- Asghar, A. R., Tabassum, A., Bhatti, S. N., & Jadi, A. M. (2017). Impact and challenges of requirements elicitation & prioritization in quality to agile process: Scrum as a case scenario. *International Conference on Communication Technologies, ComTech* 2017, 50–55. <https://doi.org/10.1109/COMTECH.2017.8065749>
- Bannink, S. (2014). Challenges in the Transition from Waterfall to Scrum—a Casestudy at Portbase. *Proceedings of the 20th Twente Student Conference on IT*, 1–10. <https://doi.org/10.13189/wjcat.2017.050302>
- Berander, P., & Andrews, A. (2005). Requirements prioritization. *Engineering and Managing Software Requirements*, 69–94. https://doi.org/10.1007/3-540-28244-0_4

- Blaikie, N. (2003). Analyzing Quantitative Data. <https://doi.org/10.4135/9781849208604>
- Booch, G., Maksimchuk, R. A., Engle, M. W., Bobbi J. Young, P. D., Conallen, J., & Houston, K. A. (2007). *object-oriented-analysis-and-design-with-applications* (3rd editio). Addison Wesley Longman, Inc.
- Brown, M. ., & Forsythe Alan B. (1974). Robust Tests for the Equality of Variances. *Journal of the American Statistical Association*, 69, 364–367. <https://doi.org/10.1080/01621459.1974.10482955>
- Cao, L., & Ramesh, B. (2008). Agile Requirements Engineering Practices: An Empirical Study. *IEEE Software*, 25(1), 60–67.
- Carrillo de Gea, J. M., Nicolas, J., Aleman, J. L. F., Toval, A., Ebert, C., & Vizcaino, A. (2011). Requirements Engineering Tools. *Software, IEEE*, 28(4), 86–91. <https://doi.org/10.1109/MS.2011.81>
- Cavana, R., L. Delahaye, B., & Sekeran, U. (2001). Applied Business Research: Qualitative and Quantitative Methods.
- Cohn, M. (2006). *Agile estimating and planning*. VTT Symposium (Valtion Teknillinen Tutkimuskeskus). <https://doi.org/none>
- Cooper, K., & Ito, M. (2002). Formalizing a structured natural language requirements specification notation. *Proceedings of the International Council on Systems Engineering Symposium*, 1–8. <https://doi.org/10.1.1.100.3720>
- Coventry, T. (2015). Requirements management – planning for success! techniques to get it right when planning requirements. In *PMI® Global Congress 2015*. Retrieved from <https://www.pmi.org/learning/library/requirements-management-planning-for-success-9669>
- Craddock, A., Richards, K., Tudor, D., Roberts, B., & Godwin, J. (2008). *Introduction Introducing the DSDM ® Agile Project Framework*.
- Cristal, M., Wildt, D., & Prikladnicki, R. (2008). Usage of SCRUM practices within a global company. *Proceedings - 2008 3rd IEEE International Conference Global Software Engineering, ICGSE 2008*, 222–226. <https://doi.org/10.1109/ICGSE.2008.34>
- Damian, D. E., & Zowghi, D. (2014). Requirements Engineering challenges in multi-site software development organizations. *Requirements Engineering Journal*, 8(January 2003), 149–160.
- Deloitte. (2016). 2016 Global Outsourcing survey. *The Pomodoro Technique*, (June), 19. Retrieved from <http://pomodorotechnique.com/get-started/>

- Düchting, M., Zimmermann, D., & Nebe, K. (2007). Incorporating User Centered Requirement Engineering into Agile Software Development. In *International Conference on Human-Computer Interaction* (pp. 59–62). https://doi.org/https://doi.org/10.1007/978-3-540-73105-4_7
- Dybå, T., & Dingsøyr, 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>
- Fowler, M. (2012). Using an Agile Software Process with Offshore Development.
- Gavrilova, M.L. and Gervasi, O. and Kumar, V. and Tan, C.J.K. and Taniar, D. and Lagan{\`a}, A. and Choo, H. and Mun, Y. (2006). *Computational Science and Its Applications - ICCSA 2006*. Springer Science & Business Media.
- Gilson, F., & Irwin, C. (2018). From User Stories to Use Case Scenarios Towards a Generative Approach, (December). <https://doi.org/10.1109/ASWEC.2018.00016>
- Hasan, G. (2011). *Software Modeling and Design*. <https://doi.org/https://doi.org/10.1017/CBO9780511779183>
- Heikkil, V. T., Paasivaara, M., Lassenius, C., & Damian, D. (2015). A Mapping Study on Requirements Engineering in Agile Software Development. *2015 41st Euromicro Conference on Software Engineering and Advanced Applications*, 199–207. <https://doi.org/10.1109/SEAA.2015.70>
- Hoffmann, M., & Kuhn, N. (2004). Requirements for requirements management tools. *Requirements Engineering Conference, 2004. Proceedings. 12th IEEE International*, 301–308. <https://doi.org/10.1109/ICRE.2004.1335687>
- Information and Communication Technology Agency of Sri Lanka. (2013). *National ICT Workforce Survey*. Colombo.
- International Institute of Business Analysis. (2015). *A Guide to The Business Analysis Body of Knowledge (BABOK) 3.0*. International Institute of Business Analysis.
- Jamal, M. (2014). *Project Scope Management: A Practical Guide to Requirements for Engineering, Product, Construction, IT and Enterprise Projects*. CRC Press.
- Jin, Z. (2018). *Environment Modeling-Based Requirements Engineering for Software Intensive Systems*. <https://doi.org/https://doi.org/10.1016/B978-0-12-801954-2.00002-9>
- Käpyaho, M. (2015). Agile Requirements Engineering with Prototyping : A Case Study, 334–343. <https://doi.org/10.1109/RE.2015.7320450>

- Khalifa, M., & Verner, J. M. (2000). Drivers for software development method usage. *IEEE Transactions on Engineering Management*, 47(3), 360–369. <https://doi.org/10.1109/17.865904>
- Kim, C. W., & Mauborgne, R. (2004). Blue Ocean Strategy. *Harvard Business Review*, (October).
- Kliem, R. (2004). Managing the risks of offshore it development projects. *Information Systems Management*, 21(3), 22–27. <https://doi.org/10.1201/1078/44432.21.3.20040601/82473.4>
- Koelsch, G. (2016). The Importance of Requirements. https://doi.org/10.1007/978-1-4842-2099-3_1
- Larman, C., & Basil, V. . (2003). Iterative and Incremental Development : *Computer*, 36(6), 47–56. <https://doi.org/10.1109/MC.2003.1204375>
- Larry, A. (2015). *Understanding the Agile Manifesto*.
- Lehtinen, T. O. A., Mäntylä, M. V, Vanhanen, J., Itkonen, J., & Lassenius, C. (2014). Perceived causes of software project failures – An analysis of their relationships. *Information and Software Technology*, 56(6), 623–643. <https://doi.org/10.1016/j.infsof.2014.01.015>
- Lehtola, L., & Kauppinen, M. (2004). Empirical Evaluation of Two Requirements Prioritization Methods in Product Development Projects, 161–170. https://doi.org/10.1007/978-3-540-30181-3_15
- Maccormack, A., Kemerer, C. F., & Crandall, B. (2003). Trade-offs between Productivity and Quality in Selecting Software Development Practices. *Software, IEEE*, 20, 78–85. <https://doi.org/10.1109/MS.2003.1231158>
- Majchrzak, M., & Madeyski, L. (2016). Factors influencing user story estimations: an industrial interview and a conceptual model, (December).
- Marambe, A. (2014). The Challenges of Offshore Agile Software Development in Sri Lanka and Effects on the Project Outcome; The Challenges of Offshore Agile Software Development in Sri Lanka and Effects on the Project Outcome, (January).
- Marshall, S. (2012). Documentation strategies on agile software development projects Rashina Hoda *, James Noble and, (August 2014), 34–36. <https://doi.org/10.1504/IJAESD.2012.048308>
- Mauborgne, R., & Kim, C. W. (1997). Value innovation. *Harvard Business Review*, 75(4), 158–160.

- Mnkandla, E., & Sebega, Y. (2017). Exploring Issues in Agile Requirements Engineering in The South African Software Industry. *Electronic Journal of Information Systems in Developing Countries*, 1–18. <https://doi.org/10.1002/j.1681-4835.2017.tb00597.x>
- Mogul, J. C. (2006). Emergent (mis)behavior vs. complex software systems. *Proceedings of the 2006 EuroSys Conference on - EuroSys '06*, 40(4), 293. <https://doi.org/10.1145/1217935.1217964>
- Nuseibeh, B., & Easterbrook, S. (2000). Requirements engineering: a roadmap. *Proceedings of the Conference on The Future of Software Engineering - ICSE '00*, 1, 35–46. <https://doi.org/10.1145/336512.336523>
- Omair, M., & Carlsson, B. (2008). Challenges in understanding software requirements in agile based offshore development, (August).
- Oyeyipo, E. O., & Mueller, C. J. (2011). Requirements Management in an Agile-Scrum. Retrieved from <https://digital.library.txstate.edu/handle/10877/2586>
- Paetsch, F., Eberlein, A., & Maurer, F. (2003). Requirements engineering and agile software development. *Proceedings of the Workshop on Enabling Technologies: Infrastructure for Collaborative Enterprises, WETICE, 2003-Janua*, 308–313. <https://doi.org/10.1109/ENABL.2003.1231428>
- Permana, P. A. G. (2015). Scrum Method Implementation in a Software Development Project Management. *International Journal of Advanced Computer Science and Applications*, 6(9), 198–204. <https://doi.org/10.14569/IJACSA.2015.060927>
- Petersen, K. (n.d.). Issues and Advantages of Using Agile and Incremental Practices Industrial Case Study vs . State of the Art.
- Petersen, K., & Wohlin, C. (2010). The effect of moving from a plan-driven to an incremental software development approach with agile practices An industrial case study. *Empirical Software Engineering*, 654–693. <https://doi.org/10.1007/s10664-010-9136-6>
- PMBOK®Guide. (2017). *A Guide to the PROJECT MANAGEMENT BODY OF KNOWLEDGE* (6th editio). Project Management Institute, Inc.
- PMI 2017 Pulse of the Profession In-Depth Reports: Organizational Agility Increases Project Success Rates. (2017).
- Poppendieck, M., & Poppendieck, T. (2013). *Lean software development: an agile toolkit*. *Computer* (Vol. 36). <https://doi.org/10.1109/MC.2003.1220585>
- Pries, K. H., & Quigley, J. M. (2011). *Scrum Project Management*. NewYork.

- Qaddoura, R., Abu-srhan, A., Qasem, M. H., & Hudaib, A. (2017). Requirements Prioritization Techniques Review and Analysis. In *2017 International Conference on New Trends in Computing Sciences* (pp. 258–263). <https://doi.org/10.1109/ICTCS.2017.55>
- Ralph, K. (2004). Managing the Risks of Offshore it Development Projects. *Information Systems Management*, 21(3), 22–25. <https://doi.org/doi:10.1201/1079.32.4.83712.220041001/>
- Sauer, J. (2006). Agile Practices in Offshore Outsourcing – An Analysis of Published Experiences. *Information Systems Research Seminar in Scandinavia*, 29, 1–12.
- Savolainen, J., Kuusela, J., & Vilavaara, A. (2010). Transition to agile development rediscovery of important requirements engineering practices. *Proceedings of the 2010 18th IEEE International Requirements Engineering Conference, RE2010*, 289–294. <https://doi.org/10.1109/RE.2010.41>
- Schibi, O., & Lee, C. (2015). *Effective PM and BA Role Collaboration: Delivering Business Value through Projects and Programs Successfully*. J. Ross Publishing.
- Schmidt, C. (2016). Software Reliability Engineering for Agile Software Development. *Ieee*, 7–35. https://doi.org/10.1007/978-3-319-26057-0_2
- Scrum Alliance. (2017). *State of scrum 2017-2018*.
- Serrano-Cinca, C., Fuertes-Callén, Y., & Mar-Molinero, C. (2005). *Measuring DEA efficiency in Internet companies*. *Decision Support Systems* (Vol. 38). <https://doi.org/10.1016/j.dss.2003.08.004>
- SLASSCOM. (2016). Vision 2022: Sri Lanaka IT/BPM sector, 26.
- Smalheiser, N. (2017). *Data Literacy*. <https://doi.org/10.1016/B978-0-12-811306-6.00011-7>. <https://doi.org/https://doi.org/10.1016/B978-0-12-811306-6.00011-7>
- Sutherland, J. (2005). Future of Scrum : Parallel Pipelining of Sprints in Complex Projects. *Agile Conference: IEEE*, 2005, 90–99. <https://doi.org/10.1109/ADC.2005.28>
- Tavakol, M., & Dennick, R. (2011). Making sense of Cronbach’s alpha. *International Journal of Medical Education*, 2, 53–55. <https://doi.org/10.5116/ijme.4dfb.8dfd>
- Turk, D., France, R., & Rumpe, B. (2005). Assumptions Underlying Agile Software Development Processes. *Journal of Database Management*, 16(4), 62–87. <https://doi.org/10.4018/jdm.2005100104>

- Turk, D., France, R., & Rumpe, B. (2014). Limitations of Agile Software Processes. *Third International Conference on EXtreme Programming and Agile Processes in Software Engineering (XP 2002)*, 4. <https://doi.org/10.1.1.7.1496>
- VersionOne® Releases 11th Annual State of Agile Report. (n.d.). Retrieved from <https://www.versionone.com/about/press-releases/versionone-releases-11th-annual-state-of-agile-report/>
- Vlaanderen, K., Jansen, S., Brinkkemper, S., & Jaspers, E. (2011). The agile requirements refinery: Applying SCRUM principles to software product management. *Information and Software Technology*, 53(1), 58–70. <https://doi.org/10.1016/j.infsof.2010.08.004>
- Creswall, J. W. (2014). *Research design: Qualitative, quantitative, and mixed methods approaches* (4th editio). SAGE Publications.
- Wagner, S., Méndez Fernández, D., Felderer, M., & Kalinowski, M. (2017). Requirements Engineering Practice and Problems in Agile Projects: Results from an International Survey. *CIBSE - 20 Ibero-American Conference on Software Engineering*. <https://doi.org/10.7287/PEERJ.PREPRINTS.2038V1>
- Widodo, A. P., Sutanto, T., & Subriadi, A. P. (2016). a Model To Determine Cost Estimation for Software Development Projects of Small and Medium Scales Using Use Case Points, 85(1), 1–8.
- Wieringa, R. J., & Ebert, C. (2004). RE '03: Practical Requirements Engineering Solutions. *IEEE Software*, 21(2), 16–18.
- Wilkinson, D., & Bermingham, P. (2003). *Using Research Instruments: A Guide for Researchers*. Routledge, 2003.
- Winter, R. J. (2014). Agile Software Development: Principles, Patterns, and Practices. *Performance Improvement*, 53(4), 43–46. <https://doi.org/10.1002/pfi.21408>
- Working Conference on Reverse Engineering (WCRE). (n.d.). [Http://Dblp.Uni-Trier.De](http://Dblp.Uni-Trier.De). Retrieved from <http://dblp.uni-trier.de/db/conf/wcre/index.html>