# REFERENCES


[1] T. Reuner, “HfS Blueprint Report”, Excerpt for Accenture, 2018.

[2] A. Asatiani and E. Penttinen, “Turning robotic process automation into commercial success - Case OpusCapita,” *Journal of Information Technology*, p. 67-74, 2016.

[3] C. Kroll, A. Bujak, V. Darius, W. Enders, and M. Esser, “Robotic process automation - Robots conquer business processes in back offices,” Capgemini Consulting and Capgemini Business Services, 2016.

[4] S. Z. Jovanović, J. S. Đurić Tatjana, and V. Šibalija, “Robotic Process Automation: Overview and opportunities,” *International Journal Advance Quality*, vol. 46, pp. 3-4, 2008.

[5] S. Aguirre, A. Rodriguez, "Automation of a business process using robotic process automation (RPA): A case study," in *Workshop on Engineering Applications*, 2017.

[6] L. Willcocks, M. Lacity, and A. Craig, “Robotic process automation at Xchanging,” The London School of Economics and Political Science, 2015.

[7] C. Lamberton, A. Gillard, and G. Kaczmarskyj, “Get ready for robots – Why planning makes the difference between success and disappointment,” EYGM Limited, 2016.

[8] J. Watson and D. Wright, “The robots are ready. Are you? Untapped advantage in your digital workforce,” Deloitte University Press, 2017.

[9] S. Jalali, C. Wohlin, and L. Angelis, “Investigating the applicability of agility assessment surveys: A case study,” *Journal of Systems and Software*, 2014.

[10] R. Holler *et el*., “11th annual state of agile survey,” VersionOne, 2016.

[11] R. Hoda, N. Salleh, and J. Grundy, “The rise and evolution of agile software development,” IEEE Software.

[12] L. A. Cooper, D. K. Holderness, and T. L. Sorensen, “Robotic process automation in public accounting,” Accounting Horizons, 2019.

[13] R. Dilla, H. Jaynes, and L. Livingston, “Introduction to robotic process automation - A primer,” Institute for Robotic Process Automation, 2015.

[14] W. W. Royce, "Managing the development of large software systems: concepts and techniques," in Proc. 9th international conference on Software Engineering, 1987.

[15] K. Beck, J. Sutherland, K. Schwaber, M. Fowler, and A. Cockburn, “Mani-Festo for agile software development,” 22 04 2020. [Online]. Available: URLhttp://agilemanifesto.org/.

[16] T. Dyb˚a and T. Dingsøyr, "Empirical studies of agile software development: A systematic review," in information and software technology, 2008.

[17] K. Schwaber and J. Sutherland, “The scrum guide - The definitive guide to scrum: The rules of the game,” 2020.

[18] S. A.S. J. Downey, “Scrum Metrics for Hyper-productive Teams,” In Proc. System Sciences (HICSS), 2013 46thHawaii International Conference,Hawaii, 2013.

[19] S. L. Eeger, “Software Metrics: Progress after 25 Years?,” IEEE Software, 2008.

[20] M. S. Rawat, A. Mittal and S. K. Dubey, “Survey on Impact of Software Metrics on Software Quality,” *(IJACSA) International Journal of Advanced Computer Science and Applications*, 2012.

[21] K. Hass, “The Blending of Traditional and Agile Project Management,” PM World Today, 2007.

[22] E. Kupiainen, M. V. Mantyla, and J. Itkonen, “Using Metrics in Agile and Lean Software Development – A Systematic Literature Review of Industrial Studies,” *Journal of Information and Software Technology,* 2015.

[23] C. Jones, “Software Defect Removal Efficiency,” Computer Journal,Vol. 29 ,PP. 94-95, 1996.

[24] J. Purcell, “Comparison of Software Development Lifecycle Methodologies,” in Information Systems Security Professional Consortium, 2007.

[25] J. Gustafsson, “Model of Agile Software Measurement: A Case Study: Master of Science Thesis in the Programme Software engineering,” Chalmers University of Technology, Sweden, 2011.

[26] N. Oza and M. Korkala, “Lessons Learned In Implementing Agile Software Development Metrics,” in Proc. UK Academy for Information Systems Conference Proceedings, 2012.

[27] M. Agarwal and P. R. Majumdar, “Tracking Scrum projects tool, Metrics and Myths about agile,” *International Journal of Emerging Technology and Advanced Engineering*, 2012.

[28] K.V. J. Padmini, H. M. N. Dilum Bandara, and G.I.U.S. Perera , "Use of Software Metrics in Agile Software Development Process," in Proc. Moratuwa Engineering Research Conference (MERCon), 2015.

[29] K. E. Emam, “A Methodology for Validating Software Product Metrics,” in NRC Publications Archive (NPArC), 2002.

[30] M. Kunz, R. R. Dumke, and N. Zenker, “Software Metrics for Agile Software Development,” in Proc. 19th Australian Conference on Software Engineering (ASWEC '08), 2008.

[31] D. S. Vacanti, “Actionable Agile Metrics for Predictability,” 2016.

[32] C. Melo, D. S. Cruzes, and F. K. R. Conradi, “Agile Team Perceptions of Productivity Factors,” In Proc. Agile Conference (AGILE), 2011.

[33] A. Hussain, E. Mkpojiogu, and F. Kamal, “The Role of Requirements in the Success or Failure of Software Projects,” International Review of Management and Marketing 6(2016), 2016.

[34] H. Lotta and M. Lasskso, “Design Thinking in the Management Discourse: Defining the elements of the Concept,” In Proc. 4th World Conf. on Design Research (IASDR ‘11), 2011.

[35] L. Tilmann, C. Meinel, and R. Wagner, “Design thinking: A fruitful concept for it development?,” *Design* Thinking, Springer, 2011, pp. 3-18.

[36] C. Kevin and R. Smith, “Unleashing the Power of Design Thinking,” Design Management Review, vol. 19, no. 3, pp. 8-15, 2008.

[37] M. Bethany, “Corporate implementation of design thinking for innovation and economic growth,” *Journal of Strategic Innovation and Sustainability,* vol. 10, no. 2, 2015.

[38] D. Toro, B. Jiménez, R. Cortés, and T. Bonilla, “A requirements elicitation approach based in templates and patterns,” 1999.

[39] Piccardo, *et el.*, “QualiCEFR: A quality assurance template to achieve innovation and reform in language education through CEFR implementation.,” Learning and Assessment: Making the Connections, 2017.

[40] J. Münch, O. Armbrust, M. Kowalczyk, and M. Soto, “Software Process Definition and Management London,” Springer, 2012.

[41] S. Kapferer, “Empirical Research in Software Engineering,” Doctoral dissertation, HSR, 2019.

[42] A. Borges *et el.*, “Support mechanisms to conduct empirical studies in software engineering: a systematic mapping study,” in Proc. of the 19th International Conference on Evaluation and Assessment in Software Engineering (EASE' 15), 2015.

[43] Li Zhang et el., "Empirical Research in Software Engineering — A Literature Survey," Journal of Computer Science and Technology, vol. 33, no. 5, p. 876–899, 2018.

[44] C. Wohlin and A. Aurum, “Towards a decision-making structure for selecting a research design in empirical software engineering,” *Empirical Software Engineering,* vol. 20, no. 6, pp. 1427-1455, 2015.

[45] A. Devine, “Smart process automation: The why, what, how and who of the next quantum leap in enterprise productivity,” Institute for Robotic Process Automation and Artificial Intelligence, 2017.

[46] G. B. Glaser and A. L. Strauss, “The discovery of grounded theory: Strategies for qualitative research,” Chicago: Aldine, 1967.

[47] A. Strauss and J. Corbin, “Basics of qualitative research: Techniques and procedures for developing grounded theory,” in *Saga Publication*, Thousand Oaks, 1998.

[48] KVJ Padmini, GIUS Perera, and HMND Bandara, “A decision support toolto select candidate business processes in robotic process automation (RPA):An empirical study,” in Proc. *2019 3rd SLAAI - Int. Conf. on Artificial Intelligence*, 2019.

[49] N. Merican, “Exploring robotic process automation as part of process improvement.,” 2016.

[50] M. Lacity, L. P. Willcocks, and A. Craig, “Robotic Process Automation at Telefónica O2” The London School of Economics and Political Science, 2015.

[51] J. Bernes, Azure machine learning: Microsoft Azure Essentials, Microsoft Press, 2015.

[52] E. Derby and D. Larsen, “Agile retrospectives: Making good teams great!” Agile 2007, 2007.

[53] D. R. Greening, “Agile Enterprise Metrics,” in Proc. 48th Hawaii International Conference on System Sciences, 2015.

[54] “Agile Metrics : Let the Numbers tell the tale,” Prowareness [Online], December 5 2021. Available: http://www.scrumdayeurope.com/: http://www.scrumdayeurope.com/prowareness/website/scrumday.nsf/Agile_Metrics.pdf

[55] T.H. Cheng, S. Jansen, M. Remmers, “Controlling and Monitoring Agile Software Development in Three Dutch Product Software Companies,” in Proc. *ICSE’09 Workshop*, 2009.

[56] P.S.M.D. Santos *et el.,* “Visualizing and Managing Technical Debt in Agile Development: an Experience Report,” in Proc. *International Conference on Agile Software Development*, 2013.

[57] J. Johns *et el.,* “The 3C Approach for Agile Scrum Software Methodology,” *International Journal of Innovative Research in Science, Engineering and Technology*, vol. 3, no. 3, 2014.

[58] M. Agarwal and R. Majumdar, “Tracking Scrum projects Tools, Metrics and Myths About Agile,” *International Journal of Emerging Technology and Advanced Engineering,* vol. 2, no. 3, 2012.

[59] Y. Dubinsky, D. Talby, O. Hazzan, and A. Keren, “Agile metrics at the Israeli Air Force,” in *Agile Conference,* 2005.

[60] W. Hayes *et el.*, “Agile Metrics: Progress Monitoring of Agile Contractors,” Software Engineering Institute, 2014.