## ACKNOWLEDGMENT

This activity is fully supported and implemented jointly by the Department of Software Engineering and the Department of Informatics, with sponsorship from PPM— Telkom University.

## References

- L. Chen, M. Ali Babar and B. Nuseibeh, "Characterizing Architecturally Significant Requirements," in IEEE Software, vol. 30, no. 2, pp. 38-45, 2013, doi: 10.1109/MS.2012.174.
- [2] J P. R. Anish, B. Balasubramaniam, J. Cleland-Huang, R. Wieringa, M. Daneva and S. Ghaisas, "Identifying Architecturally Significant Functional Requirements," 2015 IEEE/ACM 5th International Workshop on the Twin Peaks of Requirements and Architecture, Italy, 2015, pp. 3-8, doi: 10.1109/TwinPeaks.2015.9.
- [3] Svahnberg, Mikael & Wohlin, Claes & Lundberg, Lars & Mattsson, Michael. 2002. A method for understanding quality attributes in software architecture structures. 819-826. 10.1145/568760.568900.
- [4] Yang, Chen & Liang, Peng & Avgeriou, Paris. 2016. A Systematic Mapping Study on the Combination of Software Architecture and Agile Development. JSS. 111. 157-184. 10.1016/j.jss.2015.09.028.
- [5] D. Di Pompeo and M. Tucci, "Quality Attributes Optimization of Software Architecture: Research Challenges and Directions," 2023 IEEE 20th ICSA-C, L'Aquila, Italy, 2023, pp. 252-255, doi: 10.1109/ICSA-C57050.2023.00061.
- [6] El-Khawaga, Ghada & Galal-Edeen, Galal & Riad, Alaa eldin. 2013. Quality Attributes and Software Architectures Emerging Through Agile Development: Pursuit or Overlooking? IJSE. 4.
- [7] Leong, Jason & Yee, Kiu & Baitsegi, Onalethata & Palanisamy, Lingesvaran & Ramasamy, R Kanesaraj. 2023. Hybrid Project Management between Traditional Software Development Lifecycle and Agile Based Product Development for Future Sustainability. 15. 1121. 10.3390/su15021121.
- [8] Alsaqqa, S., Sawalha, S., & Abdel-Nabi, H. 2020. Agile Software Development: Methodologies and Trends. *iJIM*, 14(11),pp.246– 270.https://doi.org/10.3991/ijim.v14i11.13269
- [9] Butt, Shariq. 2020. Agile Scrum Issues at Large-Scale Distributed Projects: Scrum Project Development At Large. 10.4018/IJSI.2020040106.
- [10] R. Chatterjee, A. Ahmed and P. R. Anish, "Identification and Classification of Architecturally Significant Functional Requirements," 2020 IEEE Seventh International Workshop onAIRE,Switzerland,doi: 10.1109/AIRE51212.2020.00008.
- [11] Henningsson, K., & Wohlin, C. 2002. Understanding the Relations between Software QualityAttributes: A Survey Approach.
- [12] Dreisbach, Caitlin & Koleck, Theresa & Bourne, Philip & Bakken, Suzanne. 2019. A systematic review of natural language processing and text mining of symptoms from electronic patient-authored text data. IJMedinf. 125. 10.1016/j.ijmedinf.2019.02.008.

- [13] Jha, N., & Mahmoud, A. 2019. Mining non-functional requirements from App store reviews. *Empirical Software Engineering*, 1-37.
- [14] Priyadi, Y. & Kusumahadi, Krishna & Lyanda, Pramoedya. (2022). IdVar4CL: Causal Loop Variable Identification Method for Systems Thinking Based on Text Mining Approach.IJFIS. 22. 373-381. 10.5391/IJFIS.2022.22.4.373.
- [15] J. Lilleberg, Y. Zhu and Y. Zhang, "Support vector machines and Word2vec for text classification with semantic features," 2015 IEEE 14th ICCI\*CC, Beijing, China, 2015, pp. 136-140, doi: 10.1109/ICCI-CC.2015.7259377.
- [16] Tiun, Sabrina & Mokhtar, Umi & Bakar, S & Saad, Saidah. 2020. Classification of functional and nonfunctional requirements in software requirements using Word2vec and fast Text. Journal of Physics: Conference Series. 1529. 042077. 10.1088/1742-6596/1529/4/042077.
- [17] Younas, Muhammad. 2020. Extraction of non-functional requirement using semantic similarity distance. Neural Computing and Applications. 32. 10.1007/s00521-019-04226-5.
- [18] A. M. Rizqi and Y. Priyadi, "Text Validity Application Forming Functional and Non-Functional Requirements Based on Documentation Analysis on TESA Applications," 2023 IEIT, Malang, Indonesia, 2023.
- [19] I. D. Iqram Thauriq, Y. Priyadi and A. S. Dian Martha, "Development of Application for Conformance Measurement of Control Affordance Components with Functional Requirements based on Text Analysis on TESA Documentation," 2023 10th International Conference on EECSI, Palembang, Indonesia, 2023, pp. 169-174, doi: 10.1109/EECSI59885.2023.10295710.
- [20] Z. Zahra and Y. Priyadi, "Text Data Processing on Non-Functional Requirement for the Similarity Between Requirement Elicitation with Deployment Diagram and Recommendation for SRS Improvement," 2023 IEEE World AIIoT, Seattle, WA,USA, 2023, pp. 0830-0836, doi: 10.1109/AIIoT58121.2023.10174437.
- [21] Wongpakaran, Nahathai & Tinakon & Wedding, Danny & Gwet, Kilem. 2013. A comparison of Cohen's Kappa and Gwet's AC1 when calculating inter-rater reliability coefficients: 13. 10.1186/1471-2288-13-61.