

Daftar Pustaka

- [1] T. A. Adithyan et al. Nature inspired algorithm. *national Conference on Trends in Electronics and Informatics*, 2017.
- [2] A. Agrawal and R. K. Singh. Empirical validation of oo metrics and machine learning algorithms for software change proneness prediction. *Towards Extensible and Adaptable Methods in Computing*, 2018.
- [3] A. Bakar et al. Review on 'maintainability' metrics in open source software. *International Review on Computers and Software*, 2012.
- [4] D. N. Balaji, N. Shivakumar, and V. V. Ananth. Software cost estimation using function point with non algorithmic approach. *Global Journal of Computer Science and Technology*, 2013.
- [5] S. Cherednichenko. What's the cost to maintain and support an app in 2020. <https://www.mobindustry.net/blog/whats-the-cost-to-maintain-and-support-an-app-in-2020/>, 2020. Online; Accessed 26 February 2021.
- [6] L.-V. Cobaleda et al. Reference software architecture for improving modifiability of personalised web applications - a controlled experiment. *International Journal of Web Engineering and Technology*, 2016.
- [7] Galorath. Accurately estimate your software maintenance cost. <https://galorath.com/software-maintenance-costs/>. Online; Accessed 24 August 2021.
- [8] E. Gamma et al. *Design Patterns: Elements of Reusable Object-Oriented*. Addison-Wesley, 1994.
- [9] A. Gupta and S. Sharma. Software maintenance: Challenges and issues. *International Journal of Computer Science Engineering*, 2015.
- [10] F. Khomh and Y.-G. Gueheneuc. Do design patterns impact software quality positively? *European Conference on Software Maintenance and Reengineering*, 2008.
- [11] D. Marcilio et al. Are static analysis violations really fixed? a closer look at realistic usage of sonarqube. *2019 IEEE/ACM 27th International Conference on Program Comprehension (ICPC)*, 2019.
- [12] B. S. Panca, S. Mardiyanto, and B. Hendradjaya. Evaluation of software design pattern on mobile application based service development related to the value of maintainability and modularity. *2016 International Conference on Data and Software Engineering (ICoDSE)*, 2016.
- [13] A. A. Saifan and A. Al-Rabadi. Evaluating maintainability of android applications. *2017 8th International Conference on Information Technology (ICIT)*, 2015.
- [14] A. Shvets. *Dive Into Design Patterns*. 2019.
- [15] Y. Singh, A. Kaur, and R. Malhotra. Empirical validation of object-oriented metrics for predicting fault proneness models. *Software Quality Journal*, 2010.
- [16] Stastista. Number of available applications in the google play store from december 2009 to september 2020. <https://www.statista.com/statistics/266210/number-of-available-applications-in-the-google-play-store/>, 2020. Online; Accessed 24 August 2021.