## REFERENCES

- [1] Statista, "Mobile app downloads worldwide from 2018 to 2025, by store." https://www.statista.com/statistics/1010716/apple-app-store-google-play-app-downloads-forecast (accessed Oct. 26, 2021).
- [2] Statista, "Mobile operating systems' market share worldwide from January 2012 to June 2021." https://www.statista.com/statistics/272698/global-market-share-held-by-mobile-operating-systems-since-2009 (accessed Oct. 26, 2021).
- [3] Doug Sillars, *High performance android apps: Improve ratings with speed, optimizations, and testing.* Sebastopol, CA: O'Reilly, 2015.
- [4] Rösler, F., Nitze, A., & Schmietendorf, "A. Towards a mobile application performance benchmark" In International Conference on Internet and Web Applications and Services. (2014). (Vol. 9, pp. 55-59).
- [5] ISO/IEC 25010 (2012) 'System and Software Quality Requirements and Evaluation (SQuaRE) – System and Software Quality Models', Canadian Standards Association.
- [6] T. Lou, "A comparison of Android Native App Architecture MVC, MVP and MVVM," M.S. thesis, Service Design and Engineering, Aalto University, Findland, 2016.
- [7] L. Bass, P. Clements, and R. Kazman, *Software Architecture in Practice Third Edition*. 2015.
- [8] B. Wisnuadhi, G. Munawar, and U. Wahyu, "Performance Comparison of Native Android Application on MVP and MVVM," In Proceedings of the International Seminar of Science and Applied Technology (ISSAT 2020), 2020.
- [9] Appstore, "AR Ruler App data appstore." https://www.apple.com/id/search/arruler?src=globalnav (accessed Nov. 16, 2021).
- [10] A.-R. Baek, K. Lee, and H. Choi, "CPU and GPU parallel processing for mobile augmented reality," 2013 6th International Congress on Image and Signal Processing (CISP), 2013.
- [11] Developer Apple, "Framework ARKit." https://developer.apple.com/documentation/arkit/verifying\_device\_support\_and\_user\_per mission (accessed Feb. 21, 2022).
- [12] Stone, H. S. A logic-in-memory computer. IEEE Transactions on Computers, C-19(1), 73– 78. https://doi.org/10.1109/tc.1970.5008902, 1970.
- [13] Berryman, D. R. (2012). Augmented reality: A Review. Medical Reference Services Quarterly, 31(2), 212–218. https://doi.org/10.1080/02763869.2012.670604.
- [14] Ohrimenko, O., Costa, M., Fournet, C., Gkantsidis, C., Kohlweiss, M., & Sharma, D.
  "Observing and preventing leakage in mapreduce" In Proceedings of the 22nd ACM SIGSAC Conference on Computer and Communications Security, 2015.
- [15] Garofalo, R, Building Enterprise Applications with Windows Presentation Foundation and the MVVM Model View ViewModel Pattern. 2011.