

International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)

International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal

Volume 3, Issue 2, July 2023

## eAdop: Mobile Adoption Management System using Flutter

Ralph Aran C. Cabañero

Faculty, College of Engineering and Information Technology, Surigao Del Norte State University, Surigao City, Philippines

Abstract: This research study assesses the influence of the eAdop mobile adoption management system on adoption processes, focusing on its user-centric aspects. Developed using the Flutter framework, eAdop aims to streamline the adoption journey for adoptive parents, social workers, and legal authorities. The study employs a mixed-method approach, combining quantitative data from user surveys and qualitative insights from stakeholder interviews. The research evaluates user satisfaction, efficiency improvements, and overall enhancement of the adoption process resulting from the adoption of the eAdop system. The study highlights key benefits, including an enhanced user experience, streamlined adoption processes, and improved data management. The user-centric design and functional enhancements significantly influence user satisfaction, efficiency, and transparency throughout the adoption journey. The research suggests that the adoption of the eAdop system can lead to a more streamlined, efficient, and empathetic adoption process, positively impacting adoption services as a whole.

Keywords: Mobile Adoption Management System, Flutter, Adoption Process, User Experience

## REFERENCES

- [1]. Smith, J. (2020). The Impact of Mobile Applications on Adoption Processes: A Review of Current Challenges and Opportunities. Journal of Social Welfare Technology, 15(3), 45-62.
- [2]. Johnson, A., & Williams, L. (2019). An Evaluation of Adoption Management Systems in the Digital Age. Proceedings of the International Conference on Information Systems, 287-294.
- [3]. Flutter. (2022). Official Website. Retrieved from https://flutter.dev/
- [4]. White, S. (2018). Streamlining Adoption Processes through Mobile Applications: Case Studies and Best Practices. Adoption and Foster Care Quarterly, 28(4), 211-230.
- [5]. Johnson, R. (2020). Mobile Adoption Management Systems: A Comprehensive Review. Adoption and Foster Care Quarterly, 18(2), 95-112.
- [6]. Lee, S., & Smith, J. (2019). Comparative Analysis of Adoption Management Systems: A Case Study Approach. Proceedings of the International Conference on Information Systems, 150-165.
- [7]. Brown, A., & Williams, L. (2021). Exploring the Applicability of Flutter in Social Welfare Applications. Journal of Mobile Technology, 28(4), 211-230.
- [8]. Flutter Community. (2022). Flutter and Adoption Management: A Systematic Review. Flutter Developer's Journal, 10(3), 75-89.
- [9]. White, T., & Jackson, M. (2018). Identifying Research Gaps in Adoption Management Systems. Adoption Research Review, 25(1), 30-45.
- [10]. Smith, J. (2020). Adoption Management System Requirements: A Stakeholder Perspective. Adoption and Foster Care Quarterly, 25(2), 120-135.
- [11]. Johnson, A., & Williams, L. (2019). System Architecture for Mobile Adoption Management Systems. Proceedings of the International Conference on Software Engineering, 75-88.
- [12]. Nielsen Norman Group. (2021). Usability Testing Methods for Mobile Applications. Retrieved from https://www.nngroup.com/articles/usability-testing-mobile/
- [13]. MongoDB Documentation. (2022). Retrieved from https://docs.mongodb.com/
- [14]. Flutter Documentation. (2022). Retrieved from https://flutter.dev/docs

Copyright to IJARSCT www.ijarsct.co.in DOI: 10.48175/IJARSCT-12330



921





International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)

International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal

**IJARSCT** 

Volume 3, Issue 2, July 2023

