

Android Based College ERP System

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Abstract: *College management systems play a vital role in managing and organizing various administrative and academic tasks in a college environment. However, traditional college management systems are often limited in terms of their accessibility, usability, and scalability. To address these limitations, the development of mobile-based college management systems has gained significant attention in recent years. This paper focuses on the design and implementation of an ERP college system for Android, which aims to provide a more accessible and user-friendly solution for managing student information, course scheduling, attendance tracking, and grading in a college environment.*

Keywords: ERP

REFERENCES

- [1]. Chen, Y., & Huang, Y. (2015). A college management system based on Android. *International Journal of u- and e- Service, Science and Technology*, 8(10), 167-178.
- [2]. Li, Y., & Chen, C. (2019). Design and implementation of a college management system based on Android. *Journal of Physics: Conference Series*, 1180, 032014.
- [3]. Wei, L., Wang, Y., & Zhang, H. (2017). Research on the design of college ERP system based on Android. *Journal of Physics: Conference Series*, 903, 012002.
- [4]. Liu, S., & Zhou, H. (2018). Design and implementation of college management system based on Android. *Journal of Physics: Conference Series*, 1061, 012032.
- [5]. Jeyaraman, B., & Suresh, S. (2020). Design and implementation of an ERP system for higher education institutions. *International Journal of Computer Applications*, 174(45), 1-9.
- [6]. Cheng, M. Y., & Lee, C. C. (2020). A cloud-based intelligent college management system. *Journal of Information Science and Engineering*, 36(1), 183-198.
- [7]. Mavrommati, I., & Koulouriotis, D. (2019). A survey on mobile app development methodologies. *Journal of Systems and Software*, 148, 14-29.
- [8]. Norman, D. A. (2013). *The design of everyday things: Revised and expanded edition*. Basic Books.
- [9]. Nielsen, J. (1994). Heuristic evaluation. In Nielsen, J., & Mack, R.L. (Eds.), *Usability inspection methods* (pp. 25-62). John Wiley & Sons, Inc.
- [10]. ISO/IEC 9126-1:2001. (2001). *Software engineering – Product quality – Part 1: Quality model*. International Organization for Standardization.