App Crafting for An Educational Institution

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Abstract*: In the modern world, internet tools like Google Classroom, Gmail, Google Forms, WhatsApp, and others have become more and more important for teacher-student communication and information exchange. We created an app that works with all platforms, including tablets, computers, and mobile phones, to meet the various needs of educational institutions. All devices are easily supported by the Android app for websites optimized for mobile and tablets. This app satisfies all of the standards of the school by offering extensive information on attendance, exam schedules, lecture notes, cost data, event notifications, and online assessments. The newest technologies, such as Flutter and Dart with Firebase integration, were used in the development of this application. We also developed a desktop-friendly web application. Both the app and this website are linked to the same*

Keywords: App for college management, android, flutter, dart

REFERENCES

[1]. https://www.researchgate.net/publication/373144400_Android_Based_College_App_Using_Flutter_Dart.

[2]. https://www.researchgate.net/publication/328726677_Systematic_Literature_Review_of_Mobile_Application_Development_and_Testing_Effort_Estimation

[3]. https://iopscience.iop.org/article/10.1088/1742-6596/1807/1/012035/pdf

[4]. https://www.academia.edu/37567799/A_literature_survey_on_digitizing_the_college_management_ecosystem_by_using_android_mobile_application

[5]. Dhiman, R.; Basral, A.; Jaswanti, D. (2019). Developing a New Android App for College Management System. International Journal of Computing, Communications and Networking

[6]. (IJCCN), 08, 88–96. http://doi.org/10.30534/ijccn/2019/017812019.

[7]. Deshmukh, R.; Rajbhar, V.; Sankhe, M.; Kahlon, R.K. (2020). Android Application for College Events. International Research Journal of Engineering and Technology, 07, 213–220.

[8]. Avhad, S.; Bade, T.; Wasnik, A.P. (2020). Design and Implementation of College Student Information using Android Application. International Research Journal of Engineering and Technology, 07, 155–168.

[9]. Vinmathi, M.S.; Theerkasri, M.; Monica, K.; Kavitha, S. (2020). Development of a Feature Rich Android Application for College Management. International Research Journal of Engineering

[10]. and Technology, 07, 97–114.

[11]. Sai, S.A. (2021). College Management Android System using Firebase. International Research Journal of Engineering and Technology, 08, 61–68.

[12]. Lad, P.; Karpe, A.; Konadkar, Y.; Manivannan, P. (2021). A Mobile App to Help the College Students based on Cloud Computing. International Research Journal of Engineering and Technology, 08, 186–194.

[13]. Shwethashree, A.; Rohith, B.R.; Harshitha, K.G. (2022). College Management Android Application. International Research Journal of Modernization in Engineering Technology and Science, 04, 73–79.

[14]. Thombre, D.V.; Rathour, A.; Jadhav, P.; Vichare, A.; Sheoran, A. (2022). College Administration & Management System. International Research Journal of Modernization in Engineering Technology and Science, 04, 108–114.

[15]. Basatwar, R.; Patil, A.; Konadkar, Y.; Tai wade, R. (2022). College Management System. International Journal of Advanced Research in Science, Communication and Technology, 02, 102–111.

[16]. Pabba, P.; Viswadha, B.; Srivani, P.; Rajashree, P.; Kumar, S.V. (2022). Mobile Application for College Event Management. International Research Journal of Engineering and Technology, 09, 41-52.

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DOI: 10.48175/IJARSCT-15355

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DOI: 10.48175/IJARSCT-15355

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2581-9429
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