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College Resources and Event Management & Analysis

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Abstract: *This research paper aims to propose a platform for College Resource and Event Management & Analysis. The platform will provide various services such as sharing study content from teachers to students, a one-stop destination for official notices, managing college events and schedules, a platform for sharing career experiences from alumni, BE project tracking service to avoid duplicate project ideas, and a place for internship reference. Additionally, the platform will add an extra advantage for colleges to collect and analyses data of students and college to make decisions for improving the quality of education and sharing experiences. The platform will be implemented using Google's latest and fastest technology framework Flutter, which supports web and mobile development. The whole application will be implemented in Micro-service Architecture to reduce resource use on mobile devices.*

Keywords: Campus facilities, Data Analysis, Student Organization, Academic Support

REFERENCES

[1]. College Management System Jan 2016659-661, S. Patnaik K Singh, R Ranjan N Kumari Patnaik, S., Kumari Singh, K., Ranjan, R., & Kumari, N. (2023). College Management System. International Research Journal of Engineering and Technology (IRJET), 3(5), 659-661.

[2]. Proc. XI National Conference with International Participation "Electronica 2020", July 23 - 24, 2020, Sofia, Bulgaria

[3]. S. H. Ramos, M. T. Villalba, R. Lacuesta, "MQTT Security: A Novel Fuzzing Approach", Hindawi, Wireless Communication and Mobile Computing, Volume 2018, Article ID 8261746, pp. 1–11, February 2018, DOI: 10.1155/2018/8261746.

[4]. D. Minchev, A. Dimitrov, "Home automation system based on ESP8266", 20th International Symposium on Electrical Apparatus and Technologies SIELA, 2018, DOI: 10.1109/SIELA.2018.8447172.

[5]. J. Ahamed, Md. Zahid, M. Omar & K. Ahmad (2019) AES and MQTT based security system in the internet of things, Journal of Discrete Mathematical Sciences and Cryptography, 22:8, 1589-1598, DOI: 10.1080/09720529.2019.1696553

[6]. C. Patel, N. Doshi, "A Novel MQTT Security framework In Generic IoT Model", Procedia Computer Science, Volume 171, 2020, Pages 1399-1408 "MQTT-PRESENT: Approach to secure internet of things applications using MQTT protocol" Vol. 11, No. 5, October 2021, pp. 4577~4586

[7]. Abdul Wahid Khan, Maseeh Ullah Khan, Javed Ali Khan, Javed Khan, Wresham Gul, Identification and prioritization of security challenges of big data on cloud computing based on SLR: A fuzzy - TOPSIS analysis approach, Journal of Software: Evolution and Process, 10.1002/smr.2387, 33, 12, (2021).

[8]. E. Ciklabakkal, A. Donmez, M. Erdemir, E. Suren, M. K. Yilmaz and P. Angin, "ARTEMIS: An Intrusion Detection System for MQTT Attacks in Internet of Things", 2019 38th Symposium on Reliable Distributed Systems (SRDS), pp. 369-3692, 2019.

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[9]. Floriano De Rango, Giuseppe Potrino, Mauro Tropea and Peppino Fazio, "Energy-aware dynamic Internet of Things security system based on Elliptic Curve Cryptography and Message Queue Telemetry Transport protocol for mitigating Replay attacks", Pervasive and Mobile Computing, vol. 61, 2020.

[10]. Shachi Mall, Ashutosh Srivastava, Bireshwar Dass Mazumdar, Manmohan Mishra, Sunil L. Bangare, A. Deepak, "Implementation of machine learning techniques for disease diagnosis", Materials Today: Proceedings, Volume 51, Part 8, 2022, Pages 2198-2201, ISSN 2214-7853, https://doi.org/10.1016/j.matpr.2021.11.274.

[11]. Xu Wu, Dezhi Wei, Bharati P. Vasgi, Ahmed Kareem Oleiwi, Sunil L. Bangare, Evans Asenso, "Research on Network Security Situational Awareness Based on Crawler Algorithm", Security and Communication Networks, vol. 2022, Article ID 3639174, 9 pages, 2022. https://doi.org/10.1155/2022/3639174

[12]. N. Shelke, S. Chaudhury, S. Chakrabarti, S. L. Bangare et al. "An efficient way of text-based emotion analysis from social media using LRA-DNN", Neuroscience Informatics, Volume 2, Issue 3, September 2022, 100048, ISSN 2772-5286, https://doi.org/10.1016/j.neuri.2022.100048

[13]. S. L. Bangare, G. Pradeepini and S. T. Patil, "Brain tumor classification using mixed method approach," 2017 International Conference on Information Communication and Embedded Systems (ICICES), Chennai, India, 2017, pp. 1-4, doi: 10.1109/ICICES.2017.8070748

[14]. S. L. Bangare, G. Pradeepini, S. T. Patil, "Implementation for brain tumor detection and three dimensional visualization model development for reconstruction", ARPN Journal of Engineering and Applied Sciences (ARPN JEAS), Vol.13, Issue.2, ISSN 1819-6608, pp.467-473. 20/1/2018 http://www.arpnjournals.org/jeas/research_papers/rp_2018/jeas_0118_6691.pdf

[15]. S. L. Bangare, "Classification of optimal brain tissue using dynamic region growing and fuzzy min-max neural network in brain magnetic resonance images", Neuroscience Informatics, Volume 2, Issue 3, September 2022, 100019, ISSN 2772-5286, https://doi.org/10.1016/j.neuri.2021.100019

[16]. Sunil L. Bangare, Deepali Virmani, Girija Rani Karetla, Pankaj Chaudhary, Harveen Kaur, Syed Nisar Hussain Bukhari, Shahajan Miah, "Forecasting the Applied Deep Learning Tools in Enhancing Food Quality for Heart Related Diseases Effectively: A Study Using Structural Equation Model Analysis", Journal of Food Quality, vol. 2022, Article ID 6987569, 8 pages, 2022. https://doi.org/10.1155/2022/6987569

[17]. V. Durga Prasad Jasti, Enagandula Prasad, Manish Sawale, Shivlal Mewada, Manoj L. Bangare, Pushpa M. Bangare, Sunil L. Bangare, F. Sammy, "Image Processing and Machine Learning-Based Classification and Detection of Liver Tumor", BioMed Research International, vol. 2022, Article ID 3398156, 7 pages, 2022. https://doi.org/10.1155/2022/3398156