Mar Athanasius College of Engineering, Kothamangalam

Department of Computer Applications

Main Project 2023-25 Batch

Abstract

Title: CampusConnect – Event Registration System

References:
1. 1. J. R. V. Jeny, P. Sadhana, B. J. Kumar, S. L. Abhishek and T. Sai Chander, "A Web basedCollege Event Management System and Notification Sender," 2022 4th International Conference on Inventive Research in Computing Applications (ICIRCA), Coimbatore, India, 2022, pp. 1434-1438, doi: 10.1109/ICIRCA54612.2022.9985774.

2. 2. R. F. Olanrewaju, B. U. I. Khan, M. A. Morshidi, F. Anwar and M. L. B. M. Kiah, "A Frictionless and Secure User Authentication in Web-Based Premium Applications," in IEEE Access, vol. 9, pp. 129240-129255, 2021, doi: 10.1109/ACCESS.2021.3110310.

3. 3. K. T. Fathimath Hanan, T. Henna Sherin, U. Lulu Shadin, K. C. Dilshad and A. P. Sulthana Rinsy, "Streamlined Application for Managing College Events," 2024 International Conference on Innovations and Challenges in Emerging Technologies (ICICET), Nagpur, India, 2024, pp. 1-6, doi: 10.1109/ICICET59348.2024.10616323.

The CampusConnect - Event Registration System is a product-driven, web-based solution meticulously designed to streamline and automate event management processes for educational institutions. This innovative and customizable platform allows colleges and institutions to purchase the system, tailor the web interface to reflect their unique branding, and harness its extensive suite of features for more efficient event handling. By addressing key challenges associated with tech fests, cultural programs, and academic activities—such as participant registration, event scheduling, and real-time communication—the product enhances operational effectiveness and reduces administrative workload. Unlike conventional systems that depend on static websites, spreadsheets, or generic registration forms, CampusConnect introduces advanced features, including a Dynamic Form Builder that empowers event organizers to design tailored registration forms based on the specific needs of different events. This dynamic system simplifies participant registration, facilitates profile management, streamlines event schedules, and incorporates secure fee payment functionality. Additional features, such as ticket generation with QR codes and realtime notifications via email, enhance the user experience for both organizers and participants. The adaptable interface further allows institutions to deliver a personalized and professional digital experience. Built using modern web technologies such as HTML, CSS, JavaScript, PHP, and MongoDB, CampusConnect ensures a responsive, interactive frontend, robust server-side logic, and optimized data storage and management. The system's scalability supports multi-event handling, enabling organizers to manage multiple events concurrently with ease. By offering a flexible, centralized, and feature-rich product, CampusConnect empowers educational institutions to modernize their event management processes, reduce inefficiencies, and create a seamless and engaging experience for all users.

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