College Event Management System

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COLLEGE EVENT MANAGEMENT SYSTEM

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Abstract—The College Event Management System is a comprehensive software solution intended to streamline and enhance the planning, organization, and execution of events within a college or university campus. This system aims to substitute traditional manual methods with a user-friendly, digital platform offering efficiency, accuracy, and convenience for event organizers, attendees, and administrators. The College Event Management System provides various features such as event scheduling, participant registration, and viewing details of registered events. Organizers (administrators) can effortlessly create, manage, and promote events, while attendees can easily explore and register for events of interest. Administrators benefit from improved resource allocation, data analysis, and enhanced communication channels to ensure smooth event coordination. This paper highlights the key components and advantages of the College Event Management System, demonstrating its potential to transform event planning and management within educational institutions, ultimately enhancing the campus experience.

Index Terms—Event Management System, User-Friendly Interface,Event Promotion

I. INTRODUCTION

Event Manager Web Application The "Event Manager" project aims to develop a website for an organizational unit that integrates with events, encompassing both past and upcoming occasions. It also caters to affinity groups and student branches. Since different events have varying management needs, creating this Event Management System will facilitate the organization in efficiently managing their events. During any occasion, multiple service providers operate simultaneously, making it challenging to coordinate them. Therefore, it's crucial for event organizers to have contact information for these providers to plan events effectively. To address these challenges, we are developing a web application.

This website allows for remote creation, deletion, data retrieval, and modification of events. It provides essential access to system administrators, admins, and all individuals associated with a particular event. Event organizers can view guest lists and manage events, including adding or removing them. End-users can view created events and register for them. By reducing paperwork and manual labor, this project streamlines event management, making it hassle-free.

Each event's requirements are easily traceable through the system. Participants can input their information and register for events, with this data being sent to administrators who can then contact participants via email. Feedback from participants can be collected to improve future events. The system enables event organizers to write reports post-event, which participants can also access. The aim of this project is to digitize event management processes, making them user-friendly. It encompasses most basic features required by any Event Manager, catering to both organizers and participants.

II. LITERATURE SURVEY

IEEE vTools is a suite of tools developed and maintained by IEEE volunteers and staff members. This platform offers various web-based software solutions to simplify organizational tasks and administration, thereby reducing the time spent on local activities. It aims to aid in member development and streamline the management of IEEE events and activities.

The vTools platform includes several toolboxes such as vTools Events (Meetings), vTools Officer Reporting, vTools Student Branch Reporting, vTools WebInABox, vTools Surveys, and vTools Voting. Among these, vTools Events facilitates finding, scheduling, managing, and reporting events. This toolbox enables users to search for specific events, schedule and manage them, as well as generate event reports.

By leveraging online tools, vTools Events simplifies administrative tasks for volunteers and reduces the time spent on managing activities. The website provides comprehensive information about organization events, with sections for user login/registration, organizational information, and event management. Users can search for specific events using the search feature and view recent, ongoing, and upcoming events.

The development of the Event Manager project for colleges aims to provide event-based services to students. The primary goal is to streamline event organization by reducing direct communication between students and event organizers, thereby simplifying the event management process.

III. SCOPE AND METHADOLOGY

A. Aim of the project

The aim of this application is to create a system for effectively managing information pertaining to various events occurring within an institution. The objective is to maintain a centralized database containing statistics related to these occasions. The purpose is to facilitate numerous features and techniques necessary for efficiently controlling the information.

B. Object of the system

User Accessibility: Develop a platform accessible to all college students, facilitating easy event exploration and registration. Efficient Event Management: Equip event organizers with comprehensive tools for planning, managing, and promoting events effectively within the college community. Event Discovery: Empower students to explore a wide array of college events, spanning academic, cultural, sports, and social activities. User Engagement: Cultivate student engagement by enabling participation in events tailored to their interests, hobbies, and passions. Streamlined Registration: Simplify event registration procedures to ensure a seamless experience for students.

C. Proposed system

Our proposed Event Manager Web Application aims to streamline event organization within organizations by providing a centralized portal for managing all aspects of events. This comprehensive solution allows for remote development, modification, and statistical analysis of events, offering convenience and efficiency for administrators and users alike. With features such as event creation and deletion, guest list management, and user registration, organizers can effortlessly plan and coordinate events while reducing paperwork and manpower. Additionally, the application facilitates feedback collection from participants, enabling organizers to gather valuable insights for future improvements. Post-event reporting functionality allows organizers to generate detailed reports, providing transparency and accountability while allowing participants to review event outcomes. Overall, the Event Manager Web Application promises to simplify event management processes, enhance organizational efficiency, and create a hassle-free experience for all involved parties.

D. Scope of the system

The system is designed to cater to the needs of both students and event organizers, each with distinct roles and functionalities. Students are empowered to create accounts, log in, and seamlessly navigate through the platform to explore upcoming events. They can register for events of their interest and efficiently manage their event registrations. On the other hand, event organizers wield the ability to create and oversee events, ensuring smooth coordination and management. They have access to attendee lists for their events and can gather valuable feedback to enhance future event planning. The system also boasts a user-friendly interface that showcases a dynamic list of upcoming events, offering detailed information such as event names, dates, times, locations, and event types. Furthermore, students can easily register for events by completing registration forms if deemed necessary by the event organizers. To keep users informed and engaged, the system employs notifications, such as emails, to relay event updates and reminders promptly. With comprehensive event creation functionalities, event organizers can effortlessly provide event details, including names, dates, times, locations, descriptions, and specific rules, ensuring a seamless and enjoyable event experience for all involved.

IV. ADMIN MODULE

A. Main Menu

This section provides a brief overview of essential details for the admin, including listed categories, total events, total registered users, and total registrations.

B. Category Management

Admin can manage events by associating them with categories, enabling them to add and update categories as needed.

C. Event Management

Admin has the capability to manage events, including adding new events and updating existing ones.

D. User Management

This section allows admin to update details of student and staff coordinators, ensuring accurate and up-to-date information.

E. Booking Management

Admin can efficiently manage bookings by confirming or canceling them as necessary, providing control over event logistics.

F. Branch Management

This section enables admin to manage branches within the institution, facilitating organization and oversight.
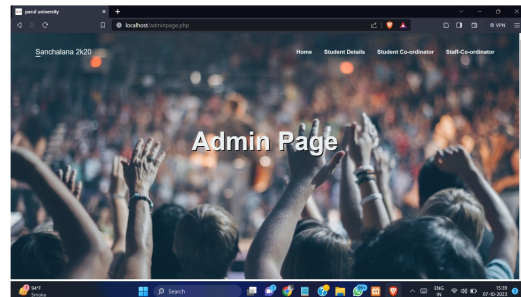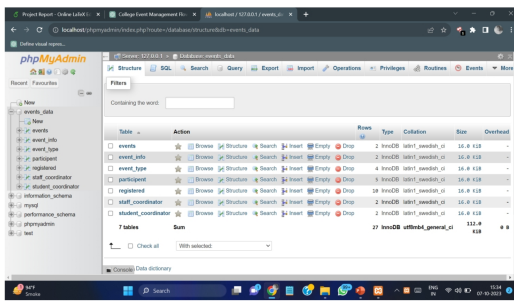

Fig. 1. Admin page
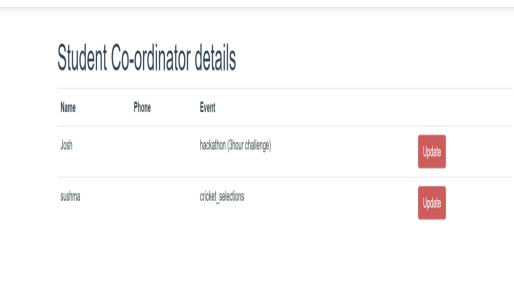
Fig. 2. Database

Fig. 4. Student detail's

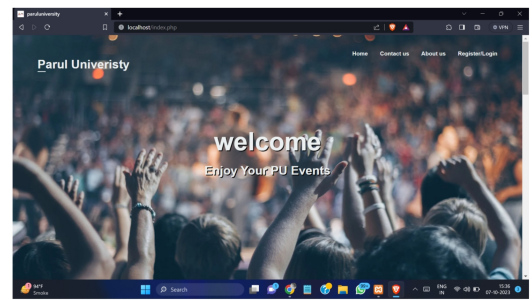Fig. 3. student coordinator detials

Fig. 5. Welcome page

V. CONCLUSION

Developing and implementing a college event management system is a significant advancement in improving the efficiency, organization, and overall success of college events. This system offers a centralized platform that simplifies event planning and registration processes, benefiting both organizers and attendees. By following a structured approach, colleges can tailor the event management system to meet the specific needs and preferences of their academic community. This approach includes several stages such as project initiation, needs assessment, design, development, testing, deployment, training, and ongoing support.

Efficiency is improved as the system streamlines event planning, registration, and coordination, reducing manual tasks and paperwork. Users, including students, faculty, and staff, enjoy enhanced experiences through user-friendly interfaces, simplified registration processes, and convenient access to event details. Data management is optimized as the system centralizes event-related data, facilitating attendance tracking, event evaluation, and data-driven decision-making for future events.

Moreover, the system enhances event visibility, leading to increased attendance and engagement through effective marketing and promotion strategies. Robust security measures and compliance with data privacy regulations ensure the protection of sensitive information. Continuous improvement is ensured through ongoing feedback and iterative updates, allowing the system to evolve and adapt to changing needs and expectations.

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