

EVENTIFY: STREAMLINING EVENT MANAGEMENT

¹Athul Raj A R, ²Dazzal David C D, ³Mohammed Bilal Jasim M, ⁴Muhammed Naif E P, ⁵Praveena K

¹Student, ²Student, ³Student, ⁴Student, ⁵Assistant Professor (CSE)

Computer Science and Engineering Department,

Nehru College of Engineering and Research Centre (NCERC), Thrissur, India

Abstract - In the dynamic landscape of college life, the organization and execution of cultural fests and diverse programs stand as pivotal moments in fostering creativity, community engagement, and memorable experiences. Our project endeavors to revolutionize this aspect by introducing a cutting-edge Event Management System tailored explicitly for college campuses. This comprehensive software solution caters to the intricate needs of administrators, faculty, and students, offering a seamless and intuitive platform for event planning, registration, and execution. Through user-friendly interfaces and robust functionalities, participants can effortlessly browse through event listings, register for their preferred events, and stay informed about event details and updates. Meanwhile, administrators benefit from powerful tools enabling efficient event creation, management, and monitoring, ensuring optimal resource allocation and event success.

Key Words: Management System, Students, Fests, Enhanced.

1. INTRODUCTION

Eventify stands at the forefront of event management innovation, offering a transformative platform that redefines the attendee experience, streamlines logistics, and empowers organizers with robust tools and analytics. At its core, Eventify is designed to provide customizable forms, real-time processing, and comprehensive analytics, setting a new standard for event management efficiency and effectiveness. Gone are the days of cumbersome paperwork and manual processing; Eventify automates tasks, ensuring seamless execution from start to finish.

One of Eventify's hallmark features is its intuitive interface, which enhances collaboration and simplifies logistics for organizers while elevating satisfaction for attendees. With user-friendly registration processes and personalized experiences, Eventify fosters engagement and participation like never before. Specifically tailored for college events, Eventify excels in managing cultural fests and programs with ease. From seamless registration to dynamic event management, administrators gain access to a suite of powerful tools that simplify every aspect of the process. Whether it's coordinating multiple activities or tracking attendee preferences, Eventify provides the necessary insights for success. Furthermore, Eventify doesn't stop at execution—it empowers continuous improvement through comprehensive reporting and analytics. By offering valuable insights into attendee behavior, preferences, and engagement metrics, Eventify equips organizers with the knowledge needed to enhance future events and exceed expectations. In summary, Eventify is more than just an event management system; it's a game-changer. With its

cutting-edge technology, intuitive features, and commitment to excellence, Eventify sets the stage for unforgettable experiences, seamless logistics, and unparalleled success. Welcome to the future of event management. Welcome to Eventify.

2. LITERATURE REVIEW

[1] The Research On Sports Events Organization And Management Information System Based On Process Aware - Organizing and managing large-scale sports events in today's world is no simple task—it's like trying to solve a complex puzzle with many moving pieces. During these events, there's an overwhelming amount of information being generated, and if we don't collect it quickly and accurately, it can lead to a host of problems, including wasted resources and confusion among organizers and participants alike. To address this challenge and improve the efficiency of managing large sports events, our research focuses on developing a specialized information system. This system harnesses advanced technology, specifically designed to handle the intricate process of gathering, analyzing, and processing all the crucial information involved in organizing and managing these events.

[2] Event Management - A Special Kind Of Project Management- In this paper, we delve into several key areas. First off, we dive into the world of event classification to gain a deeper understanding of the diverse types of events out there. Then, we roll up our sleeves and compare the similarities and differences between event planning and project management. We also take a step back to review the rules and standards currently in place in both fields, questioning whether they're still relevant in today's landscape.

[3] Event Management Systems For Educational Institutions - This paper introduces an Event Management System designed for educational institutions, aimed at simplifying the process of organizing and managing events. The system, titled "Event Manager," is a web-based application accessible remotely. It facilitates various tasks such as creating, removing, retrieving information, and modifying events. The system benefits both administrators and users by providing access to event details, participant lists, and registration functionalities. The system aims to reduce manual paperwork and streamline event management processes by digitizing tasks. It allows organizers to track events, receive participant feedback, and generate reports post-event. The paper outlines the system's architecture, which follows a three-tier structure comprising presentation, application, and data tiers.

[4] Technology Driving Event Management Industry To The Next Level - Events have woven themselves intricately

into the fabric of our social lives, ranging from globally recognized spectacles like the Olympics to intimate celebrations like weddings. As the significance and scale of these events continue to grow, the need for effective management becomes increasingly vital. In response to this growing complexity, the events management industry is experiencing rapid development, fueled by the demand for seamless execution. To meet these evolving demands, innovative technologies have emerged as indispensable tools, enabling organizers to orchestrate events with greater efficiency and grandeur.

[5] Android Application For Event Management And Information Propagation - Imagine attending an event where instead of showing a paper ticket or giving your name, you simply scan a unique code displayed on your phone. This code, known as a QR code, acts as your digital ticket. Event organizers can scan it with their devices to confirm your attendance quickly and accurately. With the app, you can browse upcoming events, reserve seats, and sign up—all from the convenience of your smartphone. No more filling out paper forms or waiting in long lines to register. Whether it's a concert, workshop, or conference, you can easily secure your spot with just a few taps on your screen.

[6] Social Event Scheduling - Social event organizers face a daunting task: attracting as many participants as possible to ensure the success of their events. This not only impacts the event's outcome but also determines its financial gains and the level of exposure for artists or brands involved. In response to this challenge, we introduce the Social Event Scheduling (SES) problem, a complex issue that involves scheduling social events while taking into account various factors such as user preferences and behavior, conflicts in scheduling and location, and competition from other events.

[7] Integrated Project Management Planning And Event Management In Service Industry - Project failures are often attributed to insufficient planning and monitoring. While many may perceive event management as limited to tasks like orchestrating weddings or concerts, it encompasses a much broader realm. In essence, event management entails the strategic use of business and organizational skills to envision, plan, and execute a diverse array of social and corporate events. Notably, numerous companies rely on event management firms to coordinate pivotal meetings and other significant gatherings. This article dives into the intricate relationship between project management and event management, particularly within the service industry. It employs a qualitative approach, gathering insights through interviews and observations of event management practices in Jakarta.

[8] Social Media Use For Large Event Management - In this study, researchers at the Purdue Homeland Security Institute (PHSI) tapped into the power of social media analytics tools like Radian6 and Visible Technologies to delve into the online buzz surrounding Super Bowl XLVI. By monitoring and analyzing publicly available posts on platforms like Facebook, Twitter, and blogs, they aimed to uncover what people were saying about the Super Bowl's marketing efforts and how they perceived aspects like Indianapolis' hospitality, accommodations, and safety measures.

3. PROBLEM STATEMENT

In college event planning, chaos often reigns due to the lack of clear guidelines and specialized tools. Without a central system to organize events, colleges struggle with inefficient processes, poor coordination among organizers, and disappointing outcomes. Traditional project management methods fall short in addressing the unique challenges of college events. Consequently, there's a critical need for a user-friendly Event Management System tailored to colleges. Such a system would simplify event planning, improve collaboration, and ensure successful events that enrich the college experience for students and faculty alike. The objective of Eventify, is to streamline the management process and make it easier for people to register and co-ordinate events.

4. PROPOSED SYSTEM

The proposed Event Management System for College Cultural Fests and Programs offers numerous benefits that streamline event organization and enhance participant engagement. Firstly, the system provides a centralized platform where administrators, faculty, and students can efficiently plan, manage, and execute a wide range of events. By automating tasks such as event creation, registration, and communication, the system reduces administrative burden and increases productivity. Participants benefit from user-friendly interfaces that facilitate easy event discovery, registration, and access to event information and updates.

This section presents a detailed overview of Eventify : Streamlining event management system and outlining its six key modules. They are given below:

1. **Registration Module And Account Management Module:** This module helps the students to get registered from anywhere, if internet is present. After successful registration, the user can access the features of the proposed system.
2. **User Management Module:** This module handles user authentication, authorization, and management within the system. It ensures that only authorized users can access the system and perform system operations.
3. **Event Creation & Management:** Admins are able to create new events by providing details such as event name, date, time, venue, description, fees (if any), maximum participants allowed, etc
4. **Event Registration:** Students are able to browse through the list of events and register for the ones they are interested in attending. Payments of Registration fees can be also handled.
5. **Dashboard :** Providing a Dashboard Page for Students and Admins to keep track of the events, dates and venues.

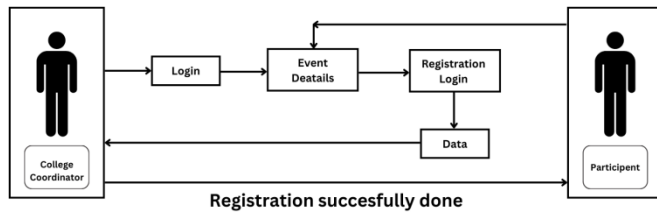


Fig 1: System Architecture

5. RESULTS AND DISCUSSION

The users interact with the system through a web page developed using full stack development. The interface offers six primary options: Register, Log in, Register Events, View Events and Dashboard. The Register option allows new users to access the system with a username and a password. After registration, the users have to log in with their respective username and password which is stored in a database. Invalid users or users whose credentials have not been updated to the database will not be able to log in.

The Home Page of Eventify, where the participants can Register and Admins can log in.

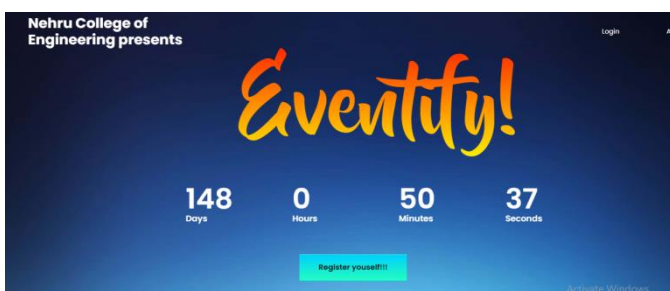


Fig 2: Home Page

Fill in the details to get your Evently participation Id

First Name *

Middle name

Last Name

E-mail *

Phone number

Gender *

Male

Course *

B.Tech

College Name *

College City *


College State

Kerala

Password *

Activate Wind
Go to Settings to

Fig 3: Sign Up Page



Participant Login Form

LOG IN

Dont have a participated Id?Not registered yet?
[Register Now!!!](#)

Fig 4: Sign In Page

In the dashboard section, users will be able to see their registered events. They will be able to see the Team wise participation, the venue and time details.

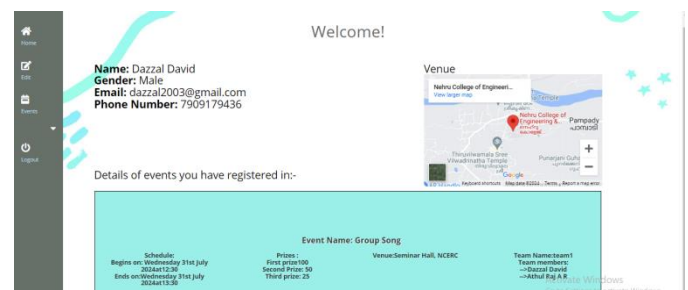


Fig 5: Dashboard Page

In the Event Registration Page for User, the User can register for their interested events from the list of events.

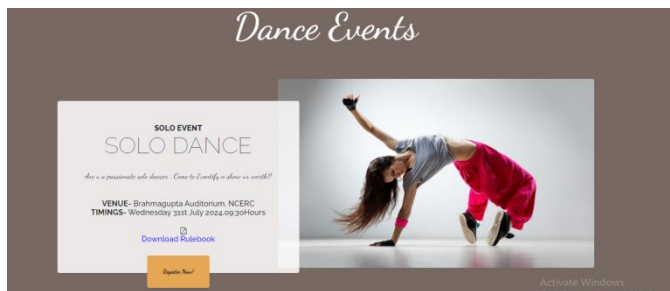


Fig 6: User Event Registration Page

In the Admin Dashboard Page, the admins can view the total participants, total events live, total registrations.

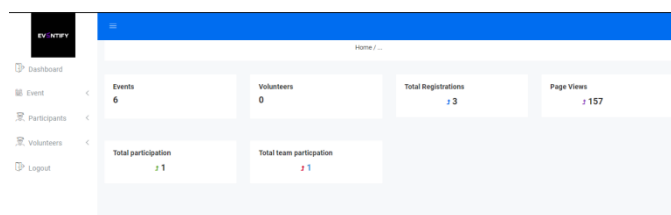


Fig 7: Admin Dashboard Page

In the Event management page, the admins can create, delete, and manage the events details.

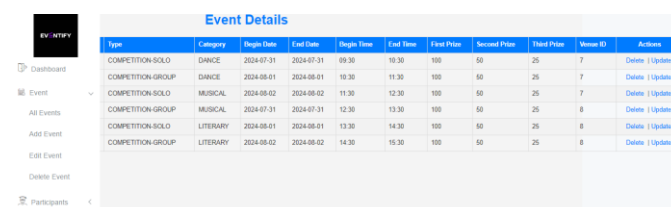


Fig 8: Event Management Page

6. CONCLUSION

Imagine having all the tools you need to organize events at your college in one place. This software provides just that—a complete package for planning and executing events efficiently. From scheduling and coordinating to managing registrations and communication, it covers all aspects of event management. The software is designed to be easy to use, even for those without extensive technical expertise. Additionally, it offers customizable features, allowing users to tailor the software to their specific needs and preferences. Looking ahead, the potential of event management systems like this one lies in their ability to keep up with technology trends. One of the key advantages of using this software is its focus on providing a better user experience while maintaining high levels of security. Participants can easily register for events and access important information, all while knowing that their data is protected against unauthorized access or misuse.

REFERENCES

1. The Research on Sports Events Organization and Management Information System Based on Process Aware - Yunchao Ma, Zhongqiu Ji - Beijing Normal University, BNU
2. Event Management – a Special Kind of Project Management - Peter J. A. Reusch, Pascal Reusch - University of Applied Sciences and Arts, Dortmund, Germany
3. Event Management Systems for Educational Institutions - Ananya U, Shetty Kavya Umesh, Shraddha Harish Mendon - Mangalore Institute of Technology & Engineering
4. Technology Driving Event Management Industry to the Next Level - Anupam Mehrotra, Johanna Lobo - Amity University, Dubai
5. Android Application for Event Management and Information Propagation-Phanuphong Hathaiwichian, Siri Wittayacharoen, Apinat Wongwachirawanich, and Chaiyong Ragkhitwetsagul - Mahidol University, Thailand
6. Social Event Scheduling-Nikos Bikakis, Vana Kalogeraki, Dimitrios Gunopulos - Athens University of Economics & Business, Greece
7. Integrated Project Management Planning and Event Management in Service Industry-Achmad Hidayat Sutawidjaya, Lenny C. Nawangsari - Universitas Mercu Buana, Indonesia
8. Social Media Use for Large Event Management-Israa Bukhari, Cliff Wojtalewicz, Dr. M. Vorvoreanu, Dr. J. Eric Dietz, Purdue University, United States