WWW.IJRPR.COM

International Journal of Research Publication and Reviews

Journal homepage: www.ijrpr.com ISSN 2582-7421

EventEase-Smart Event Management System

B. Varun Kumar AP/IT, Magizhoviya S, Poojitha M, Roma R

B. Tech-Information Technology, Sri Shakthi Institute of Engineering and Technology, Coimbatore

A B S T R A C T

In today's fast-paced world, managing events well is a big problem because it's so hard to coordinate, communicate, and get real-time updates. EventEase's Smart Event Management System is designed to make it easier and more automatic to plan and run events. This system gives organizers, participants, and vendors a single digital space where they can all work together without any problems. EventEase makes it easy for users to handle things like registering, scheduling, managing venues, sending out notifications, and getting feedback. It also has smart features that make it safer and more useful, such as automated reminders, data analytics for event insights, and role-based access control. EventEase makes things easier for users, saves them time, and makes sure that events go off without a hitch by cutting down on manual work and filling in communication gaps. This project shows how technology can change the way people plan events from a manual to a smart, automated, and easy-to-use digital experience.

1. INTRODUCTION

Managing events by hand can be hard and take a long time, which can lead to mistakes and misunderstandings. EventEase – Smart Event Management System is a web-based tool that helps you plan and run events more easily. The front end of the system is made with HTML, CSS, and JavaScript, while the back end is made with PHP and MySQL. It makes it easy and quick for organizers to plan events, handle registrations, plan activities, and get feedback. The interface is easy to use, there are automated notifications, and the data is handled securely. This means less work for organizers and participants and makes sure that they can work together smoothly. EventEase shows how new web technologies can help you plan events faster, smarter, and in a more organized way.

2. REVIEW OF LITERATURE

2.1 Historical Context and Evolution

Event management has been around for a long time. People in ancient civilizations had to plan events, ceremonies, and gatherings by hand. In the past, planning events mostly involved paper, phone calls, and meeting in person, which often led to communication problems, delays, and inefficiencies. As technology got better, the field changed with the addition of spreadsheets, databases, and specialized software for managing resources, scheduling, and registrations. Web-based systems and mobile apps have changed how events are planned in the last few years by letting organizers, participants, and vendors talk to each other automatically, in real time, and without any problems. The move from manual processes to smart digital platforms has made event management more efficient, scalable, and easy to reach. This has led to the development of systems like EventEase, which use modern web technologies to make planning events smarter, faster, and more organized.

2.2 Current Trends in Event Management

The event management industry is all about automation, mobile access, and making decisions based on data. Modern systems often let you register online, get digital tickets, and keep track of things in real time. Organizers can use analytics tools to find out how participants behave, what they like, and how involved they are. You can reach more people and get feedback right away when you use social media and other communication tools. Notifications that are smart, reminders, and access control based on roles are also becoming more common. These features help events run more smoothly and make fewer mistakes when done by hand. These trends show that event management software is becoming easier to use, more flexible, and smarter. .

2.3 Technologies in Event Management Systems

Some of the most common web technologies used to make the front ends of event management systems interactive and responsive are HTML, CSS, and JavaScript. MySQL databases work well with PHP and other server-side scripting languages to store data safely, handle it on the back end, and check users. Modern libraries and frameworks improve the performance of systems and the experience of users. These tools make it easy for organizers to keep

track of who has signed up, when events are happening, and who is coming. At the same time, people can see updates and details about the event as they happen. Digital event management systems are strong, efficient, and scalable because they use both front-end and back-end technologies.

2.4 Challenges and Opportunities

Event management systems still have problems with data security, system scalability, and handling a lot of users during big events, even though technology has come a long way. It can also be hard to connect with a lot of platforms and talk to people in real time. But these problems also lead to new ideas, such as using AI-based recommendations, cloud storage, and mobile apps to make things easier to get to. EventEase uses new web technologies to fix these issues. It gives you a safe, automated, and easy-to-use platform that makes planning events easier and increases productivity overall.

3. EXISTING SYSTEMS

There are a lot of event management systems available right now, and each one has its own features and levels of automation. A lot of old-fashioned systems keep track of events by writing things down on paper, making phone calls, and using spreadsheets. These ways take a long time, are likely to make mistakes, and don't work well for big events.

You can register, buy tickets, plan events, and promote them online with modern systems like Eventbrite, Cvent, and Meetup. They help organizers get the word out to more people, keep track of who comes, and get feedback from participants online. These platforms work well, but they often have issues like high subscription fees, few customization options, and the need for third-party services.

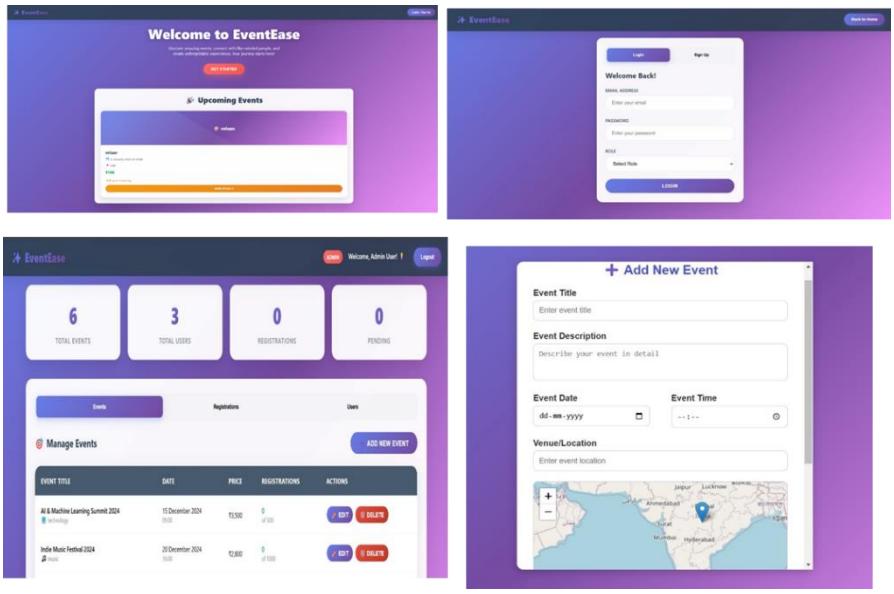
Some systems also don't fully connect front-end interactions with back-end data management. This makes it hard to keep track of participant information, notifications, and analytics all in one place.

EventEase is supposed to fix these problems by giving you a web-based solution that works with HTML, CSS, JavaScript, PHP, and MySQL. This gives event planners a single place to handle everything from signing people up to getting feedback. It works well for academic, business, and social events because it is easy to use, cheap, and runs itself.

4. FIELD OF INVENTION

The invention is related to digital automation systems and event management. More specifically, it is working on a web-based platform that will help people plan, organize, and carry out events. The system uses both front-end technologies (HTML, CSS, and JavaScript) and back-end technologies (PHP and MySQL) to create a solution that is interactive, safe, and fast for both organizers and participants. This software is part of a larger group of systems that are meant to make things run more smoothly, improve communication, and let people manage events in real time in schools, businesses, and social settings. The goal of this system is to make it easier for everyone to plan events by automating things like registration, scheduling, sending reminders, and getting feedback. This should help people get more work done, make fewer mistakes, and make the whole process go more smoothly.

5. SCREENSHOTS



6. CONCLUSION

EventEase – Smart Event Management System provides an easy and efficient way to manage events online. Using HTML, CSS, JavaScript, PHP, and MySQL, the system allows organizers to handle registrations, schedules, notifications, and feedback in one place. It reduces manual work, avoids errors, and improves communication between organizers and participants. The system is user-friendly, flexible, and suitable for different types of events, showing how technology can make event management faster, simpler, and more organized.

ACKNOWLEDGEMENTS

I would like to express my sincere gratitude to my mentor, the department staff, and the Head of Department (HoD) for their invaluable guidance, support, and encouragement throughout the course of this project. Their expertise and constant assistance have been instrumental in the successful completion of this work.

References

1. Razali, N. F. (2025). Event Management Systems (EMS). Journal of Applied Technology and Innovation, 7(2), 45–52.
2. Mishra, V., Dubey, M., Banarjee, P., Jumle, A., Raipure, P., & Wankhede, P. (2024). Event Management System. International Journal of Novel Research and Development, 9(10), 116–121.
3. Kavhar, G. (2023). Event Planner Web Application in PHP. GitHub Repository. Retrieved from https://github.com/ganeshkavhar/Event-Planner-PHP-Project
4. Arefin, M. (2025). Build Single Event Management Website with PHP, MySQL. Udemy Course. Retrieved from https://www.udemy.com/course/build-single-event-management-website-with-php-mysql/
5. Faraz, F. (2025). Event / Conference Website Template with HTML, CSS, JavaScript. CodeWithFaraz. Retrieved from https://www.codewithfaraz.com/content/502/event-conference-website-template-with-html-css-javascript
6. Thankachan, A., Shafeeq, M. B. T. P., Nair, S. S., Kumar, S., S., S., & Ansar, S. (2025). Design and Implementation of a Comprehensive College Event Management System. International Journal of Computer Applications, 187(16), 1–5.
7. Mishra, V., Dubey, M., Banarjee, P., Jumle, A., Raipure, P., & Wankhede, P. (2023). Event Management System. International Journal of Novel Research and Development, 9(10), 116–121.
8. Vigneshg, S. (2023). Event Management System – Basic. GitHub Repository. Retrieved from https://github.com/Sweety-Vigneshg/Event-Management-System-Basic