A
Mini-Project Report on

Event Management Website

Submitted in partial fulfillment of the requirements
for the degree of
BACHELOR OF ENGINEERING
IN
Computer Science & Engineering
Artificial Intelligence & Machine Learning

by

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CERTIFICATE

This is to certify that the project entitled "Event Management Website" is a bonafide work of Kartik Parmar (22106101), Pratham Patange(22106045), Niraj Patel (22106050), Jay Patil (22106020) submitted to the University of Mumbai in partial fulfillment of the requirement for the award of Bachelor of Engineering in Computer Science & Engineering (Artificial Intelligence & Machine Learning).

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Project Report Approval

This Mini project report entitled "**Event Management Website***"* by **Kartik Parmar, Pratham Patange , Jay Patil , Niraj Patel** is approved for the degree of ***Bachelor of Engineering*** in ***Computer Science &Engineering***, (AIML) ***2023-24***

External Examiner: _____

Internal Examiner: _____

Place: APSIT, Thane
Date:

Declaration

We declare that this written submission represents my ideas in my own words and where others' ideas or words have been included, I have adequately cited and referenced the original sources. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my submission. I understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission hasnot been taken when needed.

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Abstract

The Event Management Website is a game-changer in the world of event planning, offering a user-friendly platform that benefits both organizers and attendees. With its intuitive interface, event creation and customization become effortless, accommodating gatherings of all sizes. Attendees experience smooth event registration and ticketing processes, complete with e-ticket convenience for seamless entry. Integrated marketing tools empower event promotion throughsocial media integration and customizable event pages, boosting participation and engagement. Real-time analytics deliver valuable insights into event performance, informing data-driven decisions for future planning.

Interactive event pages enhance the attendee experience, providing multimedia content, schedules, and interactive maps. Collaboration tools facilitate effective teamwork with shared calendars, to-do lists, and communication features. Securepayment processing and full mobile compatibility ensure a hassle-free experience for all users. This comprehensive platform simplifies event management, providing a solution for planners and attendees to create and enjoy memorable events effortlessly. Join us in redefining event planning with efficiency and convenience at its core.

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CHAPTER 1

INTRODUCTION

1. INTRODUCTION

The Event Management Website project aims to create an innovative online platform that simplifies the process of organizing and booking a wide range of events. Users, whether they are event organizers or individuals looking to plan special occasions, willhave access to a user-friendlywebsite.

In the current scenario, planning an event requires a lot of patience and hustle bustle right from deciding the theme to deciding venue and events. Lots of factors need to be considered while making each decision. Also once the party is planned lot of on the dayissues such as maintaining low noise levels after a particular time, or neighbors complaining about the noise levels etc take the fun out of the party/event. In order to manage such issues we require an easy to use app that will help in effectively tracking such problems. By this website user can register, after registering user can login, after login one can track event details like participant's name,contact details, postal address, venue, date and time of the event, etc. Registration data isdirectly accessed and checked by event manager to arrange things accordingly with the help of site administrator. It will surely help the organizers and marketing team of the event to promote the events digitally and increase the registrations and participations. An event management website is a virtual space where you can learn about the services offered by a company that specializes in organizing events. Think of it as a one-stop-shop for all your event planning needs. It's where you can find information about the types of events they can organize, see pictures of previous events they've managed, and even get in touch with them to plan your own special day. The goal of this project is to show you how event management websites work and how they can help people plan and organize their events stress-free. By the end of this report, you'll have a good understanding of how to use these technologies to build a website that can be a valuable tool for event planners and their clients.

With the development of economy and technology, the demand of event management has been on the rise in recent decades. Information and intelligence are exchanged on all kinds of events; corporations are reinforced in fields such as business, politics, and academia, which speeds up the development of the society. A convenient event management platform is needed to facilitate event organization. However, the information technology has achieved considerable progress since the end of the 19th century. The Internet is widely popularized via multiple devices, such as computer and mobile phone and the number of Internet users has been booming at an exponential rate. Consequently, a website would be useful. To develop the website, programminglanguages such as HTML5, CSS, JavaScript, PHP and MySQL were used in the project. Improvements had been made in both web design and function by those programming languagesbased on a data dissemination system. Responsive web design was implemented on the site. Basic functions were included on the website, such as creating, editing, deleting events and registration for event participants. Event organizers could provide information about events while participants could register for events by using the website. And organizers can get an overview of the information of participants. However, improvement could still be made in further development on this project. More practical functions and design could be implemented on the website for a better user interface. This literature review delves into the integral role played by event management websites in this ever-evolving industry, exploring key dimensions that includeuser experience, security, integration with emerging technologies, sustainability, and the analytics-driven insights that contribute to their efficacy.

CHAPTER2

LITERATURE SURVEY

With the development of economy and technology, the demand of event management has been on the rise in recent decades. Information and intelligence are exchanged on all kinds of events; corporations are reinforced in fields such as business, politics, and academia, which speeds up the development of the society. A convenient event management platform is needed to facilitate event organization. However, the information technology has achieved considerable progress since the end of the 19th century. The Internet is widely popularized via multiple devices, such as computer and mobile phone and the number of Internet users has been booming at an exponential rate. Consequently, a website would be useful. To develop the website, programming languages such as HTML5, CSS, JavaScript, PHP and MySQL were used in the project. Improvements had been made in both web design and function by those programming languages based on a data dissemination system. Responsive web design was implemented on the site. Basic functions were included on the website, such as creating, editing, deleting events and registration for event participants. In addition, a pie chart showing the percentages of the choices that participants made was implemented in the system. Event organizers could provide information about events while participants could register for events by using the website. And organizers can get an overview of the information of participants. However, improvement could still be made in further development on this project. More practical functions and design could be implemented on the website for a better user interface. [1]

In college multiple events are conducted and there is need to manage and store the information of various events. It is a challenging task to arrange all the teams and events manually. Traditionally all the information about the technical and non-technical events has been circulated among the students through notice board. Some students may not receive information and may miss the events. The coordinators may find difficult to pass the information and to manage registrations. The main aim of the project is to automate the college event management system with the help of full-fledged computer software by creating a website. The website

will be reliable, secure and can store large number of records. The stored data will be easily accessible, available and can be manipulated. The technologies used in this project are HTML, CSS, JSP, Java, Servlets, MySQL, Tomcat.If any information was to be found it was required to go through the different registers, documents there would never exist anything like report generation. There would be unnecessary consumption of time while entering records and retrieving records. One more problem was that it was very difficult to find errors while entering the records. Once the records were entered it was very difficult to update these records. The reason behind it is that there is a lot of information to be maintained. For this reason, we have provided various features in our proposed system that is partially automated.[2]

This paper mainly focuses on developing the online event booking website for hotels, clubs for booking places. It provides the basic functionality required for an event. But the main limitation is it doesn't support on adding an event as stated by Amir Saleem review paper on event management system journal of Computer Science and Information Technology. [3]

In this paper for every event an individual website is created separately. The students had the only option to get register and there is no payment facility. Here the student will create a website for an individual event, when the higher authority approves. Stated by toward a generic event management system for academic. [4]

This paper focuses on the developing an online website which covers all the details of a college i.e., student attendance details, event details and photo gallery. All the records are stored in the database. There is a burden on admin for creating the events in the site as there are no coordinators for organizing the events .[5]

The old manual system was suffering from a series of drawbacks. Since whole of the system was to be maintained with the process of keeping, maintaining and retrieving the information was very tedious and lengthy. The records were never used to be in a systematic order. There used to be lots of difficulties in associating any particular transaction with a particular context.[6]

CHAPTER 3

Problem Statement

Problem Statement

1. Problem Definition

The problem we aim to address is the complexity and fragmentation in event planning and booking. Currently, individuals and organizers encounter challenges in finding, customizing, and booking events seamlessly. However, despite their increasing significance, a multitude of challenges and unmet needs persist within this digital landscape. Event management websites grapple with issues related to user experience, cybersecurity, accessibility, data-driven personalization, and sustainability, among others.

2. Challenges in Event Management

- Lack of centralized platforms for booking various event types.
- Time-consuming planning and communication.
- Inefficient event promotion.
- Limited access to real-time data for informed decision-making.
- Fragmented collaboration tools.
- Concerns regarding security and data protection.

3. Purpose of the Project

Our project's purpose lies in creating an all-inclusive Event Management Website that simplifies the planning and booking of various event types. Addressing these challenges will enhance the event management experience for both organizers and attendees, streamlining processes and increasing event participation.

Chapter 4

EXPERIMENTAL SETUP

4.1 Software Setup

The development of the event management website involved the use of several software tools

and technologies to create a dynamic and responsive web presence. The following is a summaryof the software setup used for this project.

- **Code editor:**
- Code editors are essential for writing and editing HTML and CSS code. For this project, we utilized Visual Studio Code (VS Code), a popular and free code editor withnumerous extensions for web development.
- **Web Browser:**

• Web browsers are crucial for testing and debugging web pages. We tested the website on multiple browsers, including Google Chrome, Mozilla Firefox, Microsoft Edge, and Safari, to ensure cross-browser compatibility.

- **HTML and CSS:**

- HTML and CSS were the core technologies for building the website. HTML5 wasused to structure the content and define the layout, while CSS3 was employed for styling and layout design

Database Management: Event management software often relies on database systems like MySQL, PostgreSQL, or Microsoft SQL Server. Ensure that the necessary database system is installed and configured correctly.

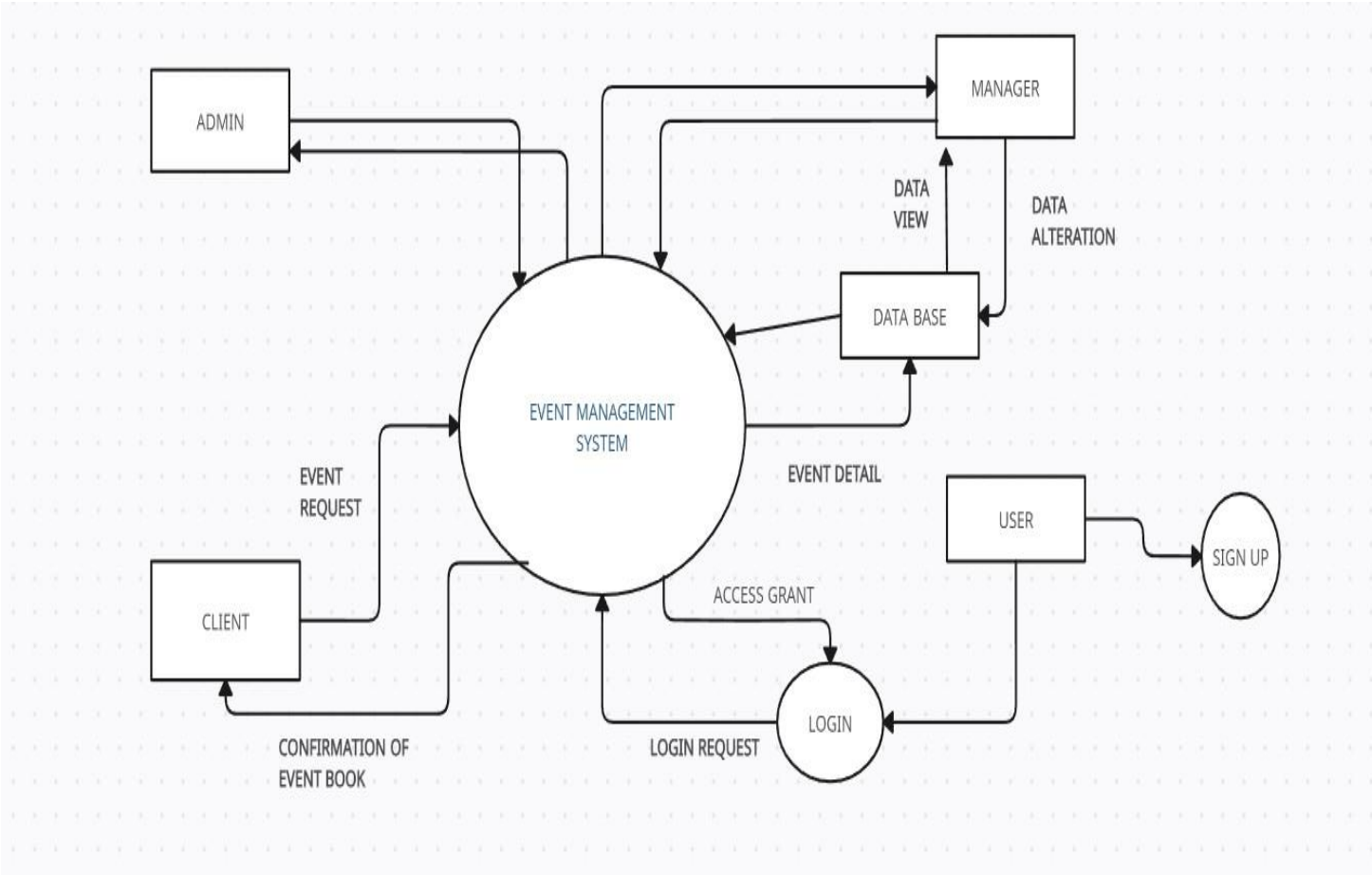
Operating Systems:

The development environment was set up on multiple operating systems, includingWindows,macOS, and Linux, to ensure cross-platform compatibility.

CHAPTER 5

Proposed System and Implementation

5.1 Block diagram of proposed system



5.2Description of Block diagram

User: The user block represents the end-user of the system, such as a potential attendee or event organizer. Users can use the system to view event details, register for events, and manage their event registrations.

Client: The client block represents the client who is requesting the event, such as a company or association. Clients can use the system to submit event requests, review event details, and communicate with the event manager.

Manager: The manager block represents the event manager who is responsible for planning and executing the event. Event managers can use the system to create event details, manage event registrations, check in attendees, and generate event reports.

Admin: The admin block represents the system administrator who is responsible for managing thesystem and its users. Admins can create and manage user accounts, grant access to different modules of the system, and configure the system settings.

Event Request: The event request block represents the process of requesting an event. The client can submit an event request through the system, which will be reviewed by the manager. The event request should include all of the relevant details about the event, such as the date, time, location, agenda, and target audience.

Event Detail: The event detail block represents the details of the event, such as the date, time, location, agenda, and speakers. The event manager can create and edit the event detail record in the system.

Data Base: The data base block represents the database where all of the event data is stored. The database stores information about users, clients, events, and event registrations.

Data View: The data view block represents the process of viewing the event data. The

user, client,manager, and admin can all view the event data through the system. The data can be viewed in a variety of ways, such as lists, reports, and dashboards.

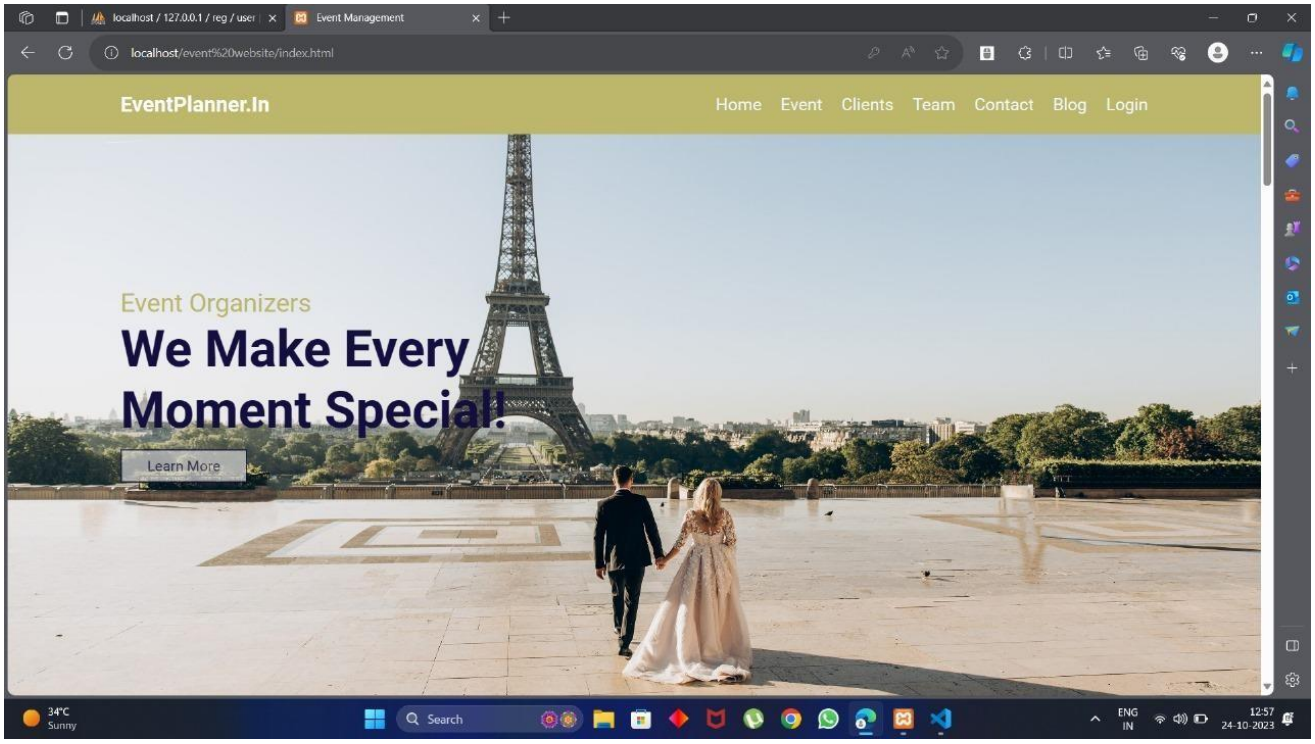
Data Alteration: The data alteration block represents the process of altering the event data. The manager and admin can alter the event data through the system. This includes creating, editing, and deleting event records.

The event management system is a powerful tool that can help event organizers to save time andmoney, and to improve the overall experience for their attendees.

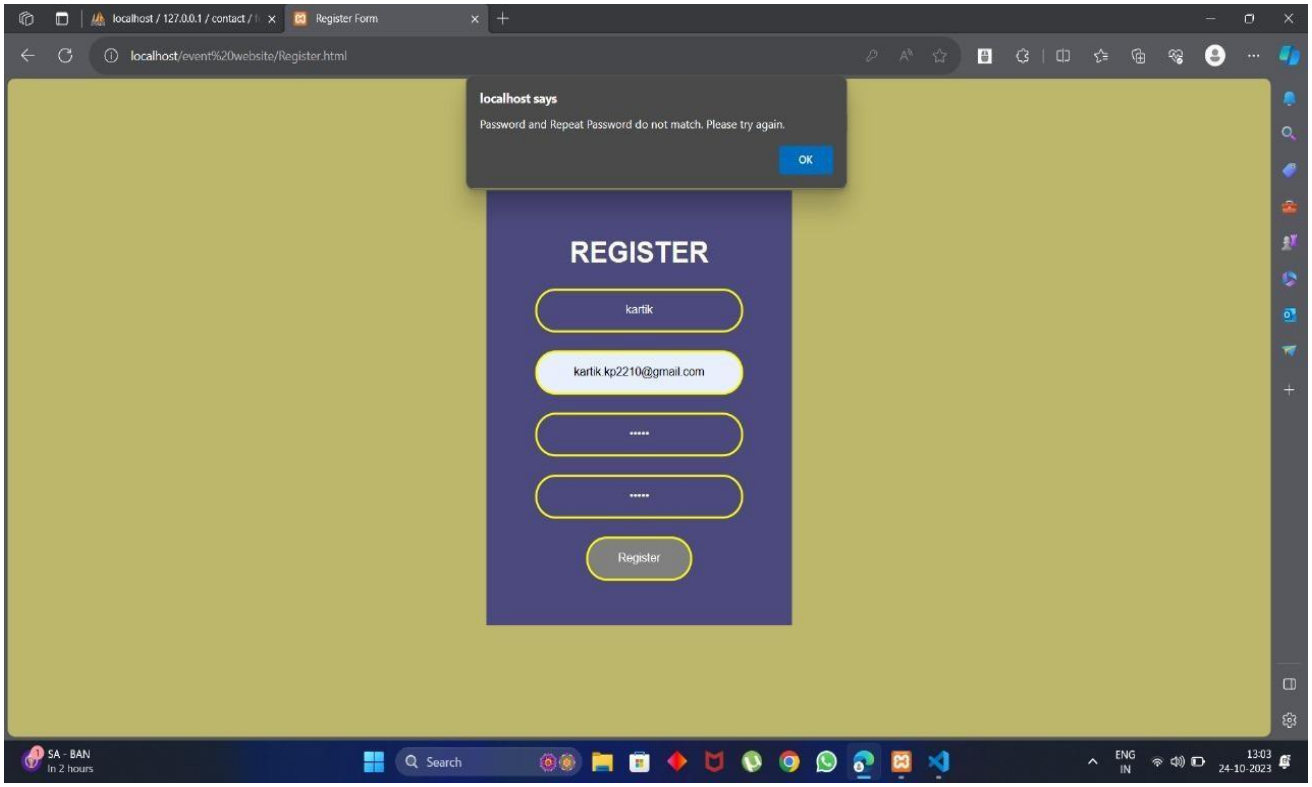
The system works as follows:

1. The client submits an event request through the system.
2. The manager reviews the event request and approves or rejects it.
3. If the event request is approved, the manager creates an event detail record in the database.
4. The user, client, manager, and admin can all view the event detail record through the system.
5. The manager can alter the event detail record through the system.
6. On the day of the event, the manager uses the system to check in attendees and manage theevent.

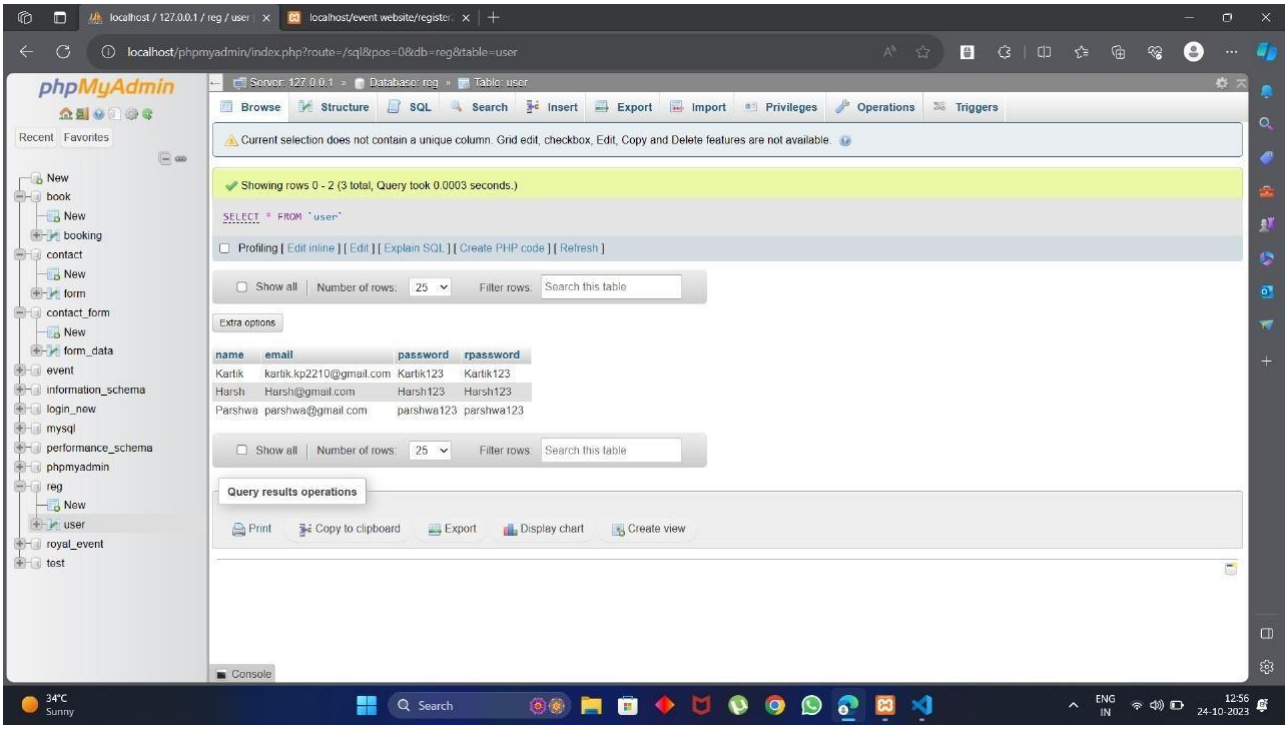
5.3Implementation
1.Interface



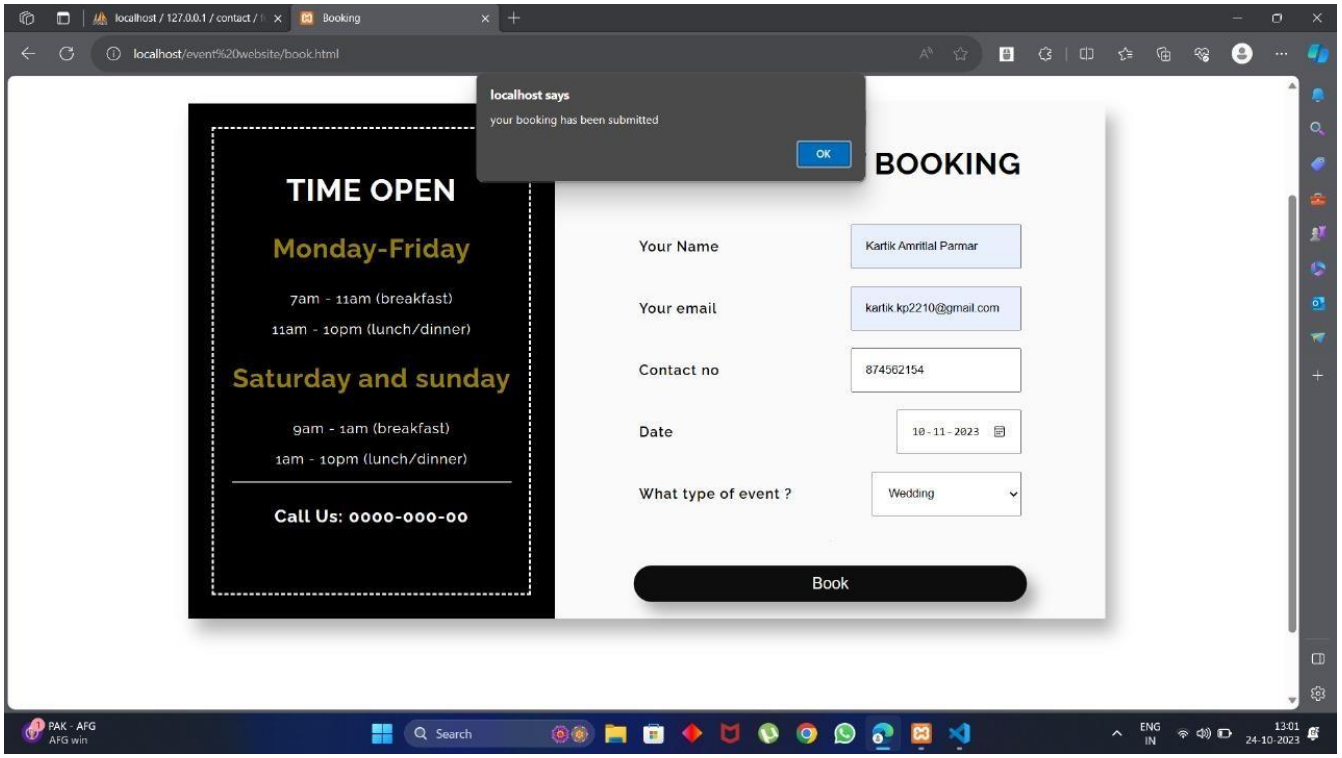
2.Registration form



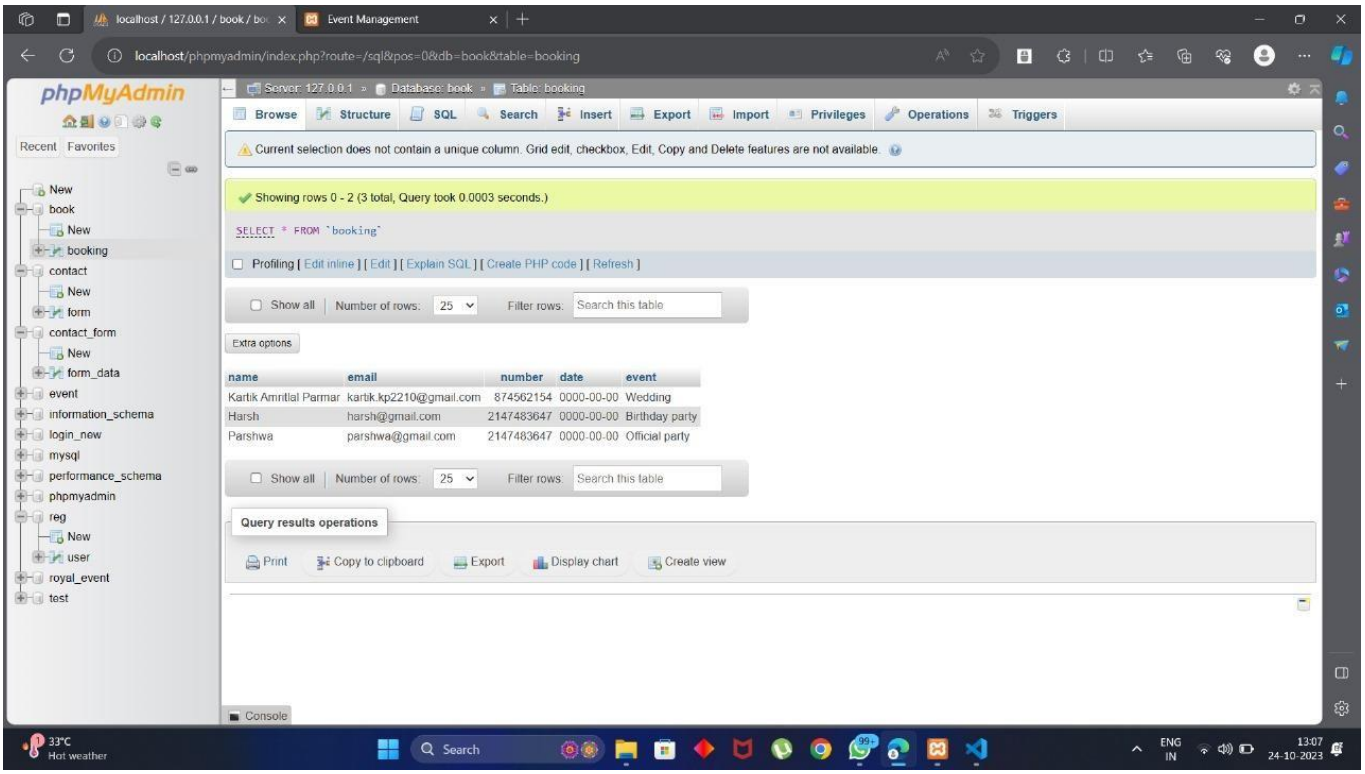
3.Registration in backend



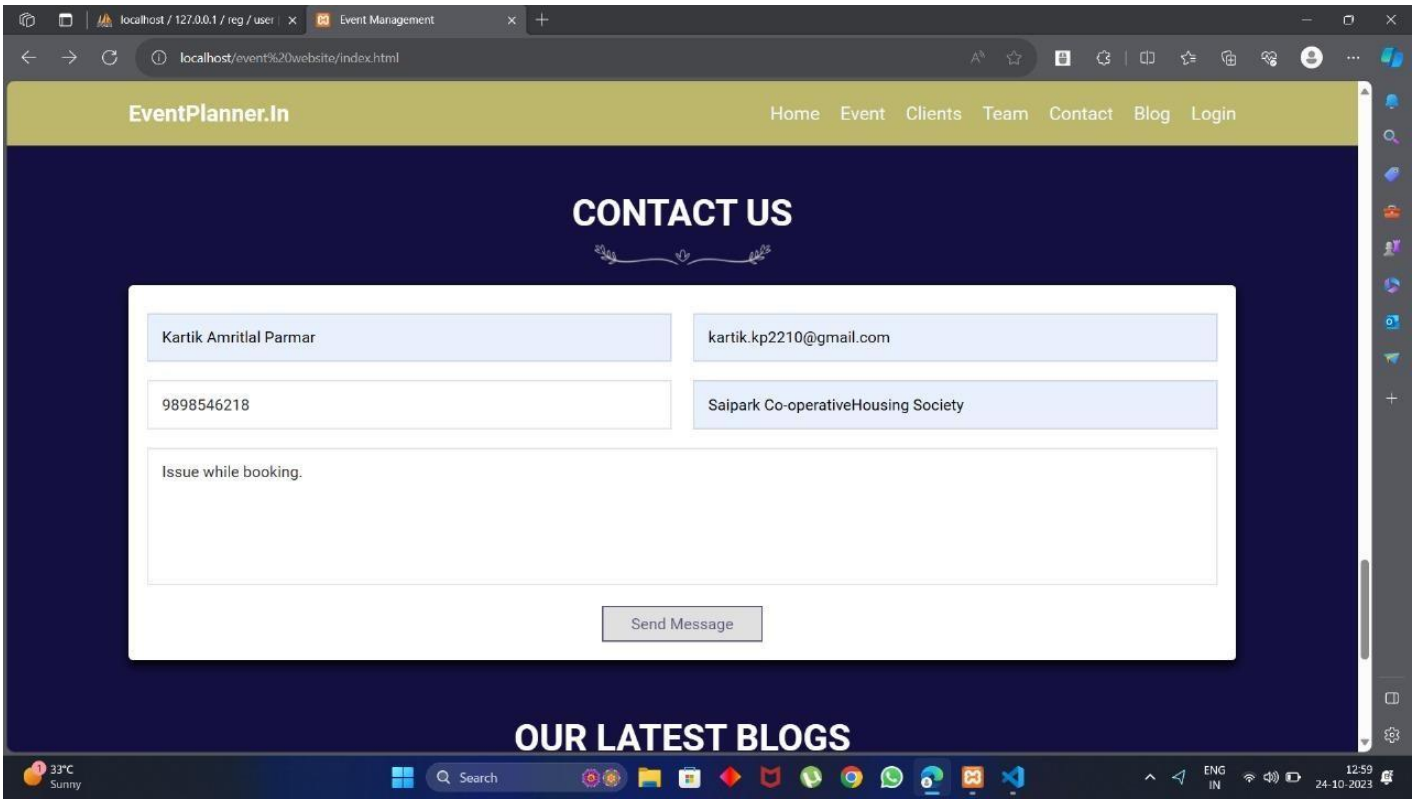
4.Booking of the event



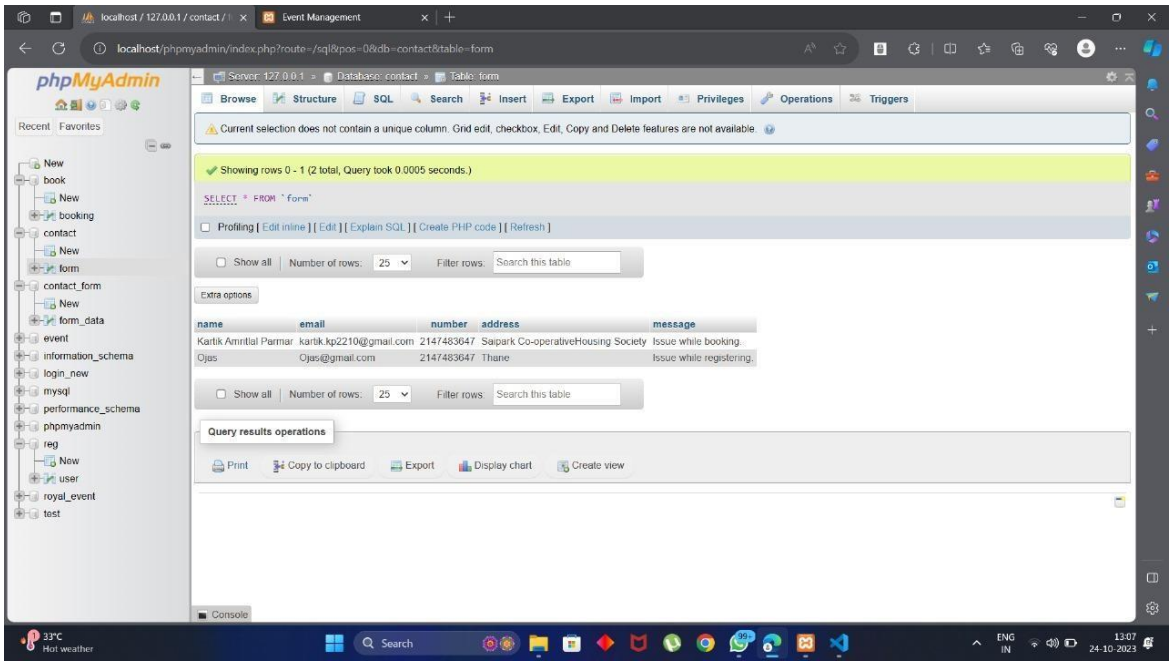
5.Booking in backend



6. Contact us



7. Contact us details in backend



Chapter-6
CONCLUSION

In conclusion, this project successfully created an event managementwebsite that is informative, visually appealing, and responsive. In the modern era, where events play a crucial role in social and professional settings, the need for effective event management services has grown significantly. This project aimed to create a dynamic and responsive event management website that not only provides information about the services offered but also showcases the company's professionalism and attention to detail. It effectively conveys the professionalism and dedication of the event management company. The use of modern web development techniques and best practices ensures that the website can reach a wide audience and provide a positive user experience. As the demand for event management services continues to rise, a well-designed and functional website is a valuable asset for any event management business. The insights and recommendations within this report offer a valuable foundation for further research and the development of effective event management websites that deliver seamless, secure, and inclusive event experiences. This project serves as a solid foundation for further development and expansion, reflecting the capabilities and commitment of the company in the competitive world of event management.

The future scope of this project is vast, reflecting the ever-evolving nature of the event management industry and the growing role of technology in shaping the event experience. By embracing these avenues for development, researchers and practitioners can contribute to the advancement of event management websites and the industry as a whole.

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