

Event Tent: A Hall Booking Communication Website

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Abstract

We designed this project to help Hall business to provide extra functionality and to make the work go faster and to decrease the pressure on the owner as well as the customer. In addition, this project will help owners, staff, and other people to select any hall they want, and they can book the hall from anywhere via Event Hall Website, and there will be no need to visit the various places, if implemented. The Hall Booking System improves the regulation and controls the functioning of applications such as booking the hall, resource needed, time and date, duration etc. This system is easier than the traditional one, you can see the halls by picture, which is provided in the system, and you will know what resources are provided for each hall, directly from the system. Our website offers a wide range of wedding halls to choose from, whether you are looking for a small and intimate space or a grand ballroom. For any wedding-dimensions, manners, and budget, we offer options. The wedding hall booking website is a comprehensive platform designed to provide couples with an easy-to-use solution for finding and booking the perfect venue for their special day. The website offers a wide range of wedding halls, user-friendly search functionality, and convenient booking and payment systems. It also provides valuable resources and tools to help couples with other aspects of wedding planning, such as managing their guest list and tracking their budget.

Keywords: Events, relationship database management systems, hall owner, communication, website

INTRODUCTION

This communication website, called Hall Booking System, is quite basic. This web application project supports the Halls business or any related venture. It offers an online booking platform where customers or potential customers of the business may reserve the halls of their choice along with pertinent details like the services they require. This uses Bootstrap and templates to provide a simple and appealing user interface. It also offers functionalities and features that are easy to utilise. Our

platform is user-friendly and easy to navigate, making it easy for you to search for venues based on your preferred location, capacity, and other specific requirements. We also provide detailed information about each venue, including photos, floor plans, and amenities, so you can make an informed decision. We provide tools to assist you in organising your wedding, such as a guest list manager and a budget tracker, alongside our venue listings. Our website also features articles and resources to help you with all aspects of wedding planning, from choosing the perfect dress to creating a memorable wedding menu. We can assist you in finding the ideal wedding location to make your big day unforgettable, whether you are

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planning a traditional wedding or something more unusual. The platform also creates a marketing opportunity for venue owners to showcase their spaces and attract new customers. With features such as reviews and ratings, user dashboards, and customer support, the website creates a community-driven platform where couples can plan their dream wedding with confidence. Overall, the wedding hall booking website provides a win-win solution for both parties. However, with the help of this website, one can easily obtain a local smart listing of wedding halls and lawns along with pertinent information and the availability of the same for a specific date. A record of each individual lawn or hall is kept in the database. The Lawn or Hall's New Owner may add his element to the online portal. He can amend his data and change the booking date as soon as he becomes a member of the online portal. The main benefit of a web that is essentially based on a Hall manipulation machine is that it takes up time and retains the user's money.

LITERATURE SURVEY

We plan to expand the website where guests can look for a wedding venue or lawn to gain access to the laptops. We wish to no longer travel to the same location as this portal is used to view the grant of a wedding hall or lawn. We can preserve the person's money and time as we have accurate information about Hall on the same website. A handy list of wedding halls no longer provides us with precise information about their capabilities and amenities. The person do not bothered to appear for Hall or Lawn and wasting both time and money. It displays the most recent information about the Hall or Lawn as well as its availability for a specific day. The main issue is the fact that the person looking at the Hall or Lawn is wasting a lot of time and money because they have a hectic schedule. This web portal is meant to alleviate this inconvenience. Because all the information is available at the same website, the character can save time, money, and electricity as a result [1].

For wedding halls, party halls, and any other bookable venue, a web-based venue booking management system offers a dependable and user-friendly online reservation system. The search capabilities are offered by a venue booking management system. We do not need to physically visit the location because the web application presented by Ghuse *et al.* allowed users to check the availability of the venue and reserve it [2]. When making a reservation, details about each person's venue, including features, amenities, pictures, etc., are displayed. The web-based system can be accessed from any location using a browser. It features web-based options and is easy to follow.

To prepare for a desired future job in the field of event planning, Taylor presented a project to earn volunteer experience and a deeper understanding of the industry [3]. Gaining knowledge and insight into the profession of event planning was accelerated by interactions with and opportunities to collaborate with local event planners. The project's outcomes included knowledge gained from speaking with diverse professionals, insights into different volunteer experiences, and well-informed decisions made after reading literature and looking for organisations and resources linked to event organising. The author also accepted an unsolicited offer to take a position as an event planner, which was another unanticipated result [3].

For wedding halls, party halls, and all other bookable venues, a dependable and user-friendly online reservation system is offered by a web-based venue booking management system proposed by Ghuse *et al.* [2]. The searching capabilities are provided by a venue booking management system. Users can reserve a location and check its availability online with this application, so they do not need to physically visit it. When making a reservation, details about each person's venue, including features, amenities, pictures, etc., are displayed. It is a browser-based web-based solution that can be accessed from any location. It features web-based options and is easy to follow. It will offer flexible scheduling.

The IT system (such as MS-Outlook) that is used to reserve meeting spaces in business settings has been examined in the study by Padmanabh *et al.* [4]. The state of meeting rooms is manually entered

into the current IT system, which prevents it from reflecting changes in real time. As a result, conference rooms are severely underutilised throughout the company, wasting money because the lights and air conditioning are left on even when the rooms are empty. To determine the amount of electricity wasted and conference rooms that are underutilised, we set up a test bed of motes and examined occupancy and consumption data.

Ghangare and Adhikary provide a system that reduces the effort required by users in booking an event by searching for it [5]. They have taken into consideration an online hotel booking example in the suggested application. To search for venues, the user must first register and log in. If the venues were present at the specified location, the user will enter the venue's address. The administrator, agents, and online customers will all receive services from this application. Customers can rate and reserve rooms online with its assistance. The hotel rooms can be updated, and the administrator can create monthly occupancy reports. The online venue booking system seeks to make manual reservations easier, faster, and more precise.

Problems of the Existing System

- It is limited to a single system.
- There is a lot of physical labour involved (manual labour does not refer to using pens and paper; rather, it includes using spreadsheets and other basic software).
- The security of the current system is very low.
- It cannot produce many report types.
- Maintaining phone reservations and cancellations is challenging.
- Does not help worldwide. The user cannot make a reservation from a far-off location.
- Information retrieval is challenging and time-consuming.

PROPOSED SYSTEM

The proposed system is a wedding hall booking website that aims to provide a comprehensive platform for couples to find and book the perfect venue for their special day. The system offers a range of features and functionality to facilitate the process of wedding venue search, booking, and payment [6, 7]. Users can establish a username and password and access the platform through the user registration process included in the proposed system. Venue owners can create profiles for their wedding halls on the website, including information such as photos, amenities, capacity, and pricing. The system offers a venue search functionality that enables users to search for wedding halls based on location, capacity, price range, and other criteria. Once a venue is selected, users can check availability and make reservations online, and the system sends a confirmation email to the user and the venue owner once the booking is confirmed. The proposed system includes a payment gateway that accepts various payment methods, including credit/debit cards and PayPal, to ensure secure and hassle-free payment transactions. Users can also leave reviews and ratings for venues they have booked through the website, providing valuable feedback to other users.

The proposed system also includes user dashboards where users can view their bookings, payment history, and other relevant information related to their account. The website provides consumers with customer service by email, phone, and live chat to help with any problems or inquiries they might have.

Our Website Modules

Login/Sign-up Module

The user is currently able to visit the website free of cost and see or use the service made by our team members. We have added extra security to the website by adding a login/sign-up module and providing some extra features. We have implemented a MySQL database which will store the user's Email id and password. User will be able to use those credentials to access his/her account to log in.

Venues Module

In this module, the user can view all available halls on site, and able to make inquiry about Halls by clicking on Quick inquiry button as presented in Figure 1.

1. *Booking module:* In this module, the user can book or inquire about halls. Users are also able to chat with the hall owner and confirm or cancel their bookings.
2. *View bookings module:* Here, the valid or authenticated hall owner can view all their hall bookings records through their hall ID easily as shown in Figure 2.
3. *User inquiries module:* Here, the valid or authenticated user can view their inquiries or bookings through their booked hall id easily.
4. *List a hall module:* In this module, the owner of hall can list their hall information on Event Tent like Hall name, Image, Id, Address etc. After submitting this information, all the information is uploaded on venues module.

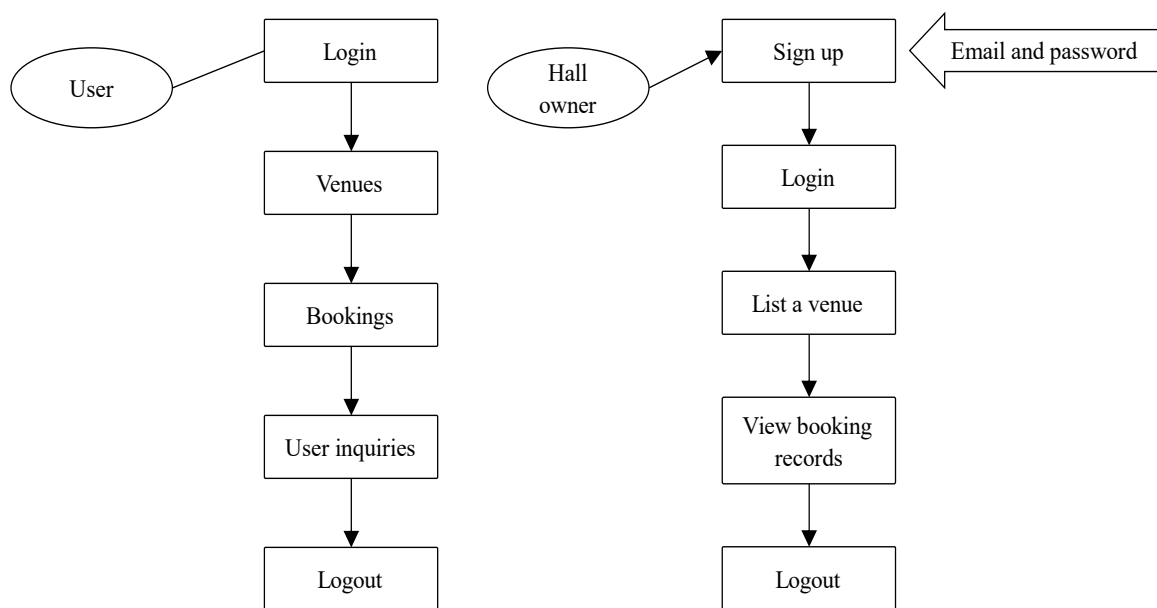


Figure 1. Case diagram for website communication.

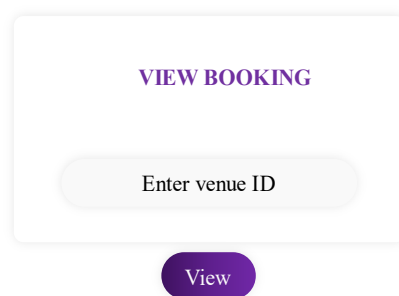
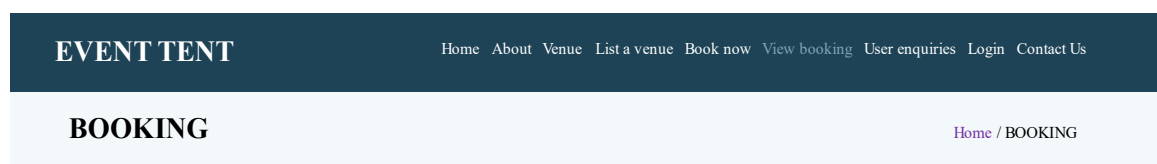


Figure 2. Booking module page.

System Requirements

- *Hardware requirements:* Laptop or PC with Minimum 4 GB RAM,
- Processor i3, Hard disk 20 GB.
- *Software requirements:* VS Code or Sublime Text, Operating system (Windows 10 or higher).
- *Frontend languages:* HTML, JavaScript, CSS, Bootstrap.
- *Database:* MySQL.
- *Server-side scripting language:* PHP.
- *Browser:* Chrome or Edge.
- XAMPP server.

OBJECTIVES

- Managing the details of appointments, customers, employees, inquiries, and events is the main goal of the hall booking system and management project.
- The hall booking system also manage the venue details.
- Manage the information of customer.
- It deals with the surveillance of information and inquiry transactions. It displays the information and description of the booking employee.
- Integration of all records of event.
- Ensure the website is user-friendly, responsive, and mobile-friendly to provide an optimal user experience across all devices.
- Offer a vast selection of wedding halls, ranging from intimate spaces to grand ballrooms, and everything in between, to cater to every budget, style, and size of wedding.
- Provide convenient search functionality that allows users to search for venues based on location, capacity, price range, and other criteria.
- Provide valuable resources and tools to help couples with other aspects of wedding planning, such as managing their guest list and tracking their budget.
- Create a community-driven platform where users can leave reviews and ratings for venues, enabling others to make informed decisions.

RESULT

Multiple values could be accepted using the DBMS as per the convenience of the hotel manager or the event manager as presented in Table 1. The website page is presented in Figure 3.

FUTURE SCOPE


It could be useful in gathering precise management information. It will enable one to fully understand the management of the previous year. Additionally, it facilitates all ongoing work related to hall reservation systems. Additionally, the management and collection process will be less expensive and run more smoothly. The platform offers a vast selection of wedding halls, user-friendly search

Table 1. Input Values.

Input values	For example
Name	Yogesh Modhe
Contact	9654xxxxxx
Email	yogesh@gmail.com
Occasion	Birthday
Event Date	30th October, 2023
Number of Guests	300
Venue ID	55
Budget (Rs)	20000–30000
Veg/Nonveg	Veg


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BOOK NOW [Home / BOOK NOW](#)

Book Now

Enter your name

Enter your contact no

Enter your valid email

Select occasion

Mode of payment

No. of guests

Venue_id

Select budget range

Select veg/non -veg

Book

Figure 3. Booking page of the website.

functionality, and convenient booking and payment systems, making it a hassle-free experience for users. The website also provides valuable resources and tools to help couples with other aspects of wedding planning, such as managing their guest list and tracking their budget. With the added features of reviews and ratings, user dashboards, and customer support, the website creates a community-driven platform where couples can plan their dream wedding with confidence.

CONCLUSION

We have demonstrated how to create a “hall booking management system” using HTML combined with CSS for the front end and a database for the back end. The user-friendly interface with graphics makes it simple to reserve a hall, and the week schema provides a useful summary of all the reservations for the marriage hall and other events. These events were made possible by the many search options, the capacity to reserve for any user, and the ability to administer the entire database from the “EVENT TENT” webpage. The various search function combinations and the user-friendly reserve feature hall booking website is a comprehensive platform that provides an easy-to-use solution for couples looking for the perfect venue for their wedding day. Furthermore, the proposed system provides a valuable marketing tool for wedding venue owners, who can showcase their spaces on the platform and attract new customers. Overall, the website provides a win-win solution for both couples and venue owners, creating a seamless process for planning and booking the perfect wedding venue.

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