

ONLINE VENUE BOOKING SYSTEM

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ABSTRACT

This project purposes a system which makes the workload simple for users to book an event they need to search for it. In proposed application, we have considered example of online hotel booking. The user needs to be registered and log in to log in the user will search for venues by giving the location if the venues were present in the particular location. This application will provide services to online customer, administrator and agents. It helps customer to reserve room online and rate it. Administrator can update or update the hotel room and generate monthly occupancy. The online venue booking system aims to simplify the manual reservation fastest and accurate.

Keywords: IDE(Integrated Development Environment) ,PHP, Xampp.

1. INTRODUCTION

With the rapid development of Internet, people's daily life has basically been inseparable from the network, and network development to today, has been to everywhere in the era of computing time, all sectors have been increasing their use of network services, to create new opportunities for themselves. Internet technology changes with time to suit human needs. Generally, in the existing system customer has no idea of which events are going on and when they are taking place. Even though the Dealers publish the ads through flexi posts etc. It will not reach to all people. Customers who need to book for the events they need to visit the Dealers place.

This project aims at implementing this idea that the customer need not go anywhere he can just get all information about events in a single click. The Customer needs to register need login there he can find the list of events which are added by the Dealer and he can book by checking the availability. Then customer needs to wait for the response and if he confirms he can take part in the event.

2. LITERATURE REVIEW

The objective and motivation towards this work stated above as well as it consists of certain conference papers and case studies. The online venue booking system is introduces by

LinhDuc Tran, Alex Stojcevski and Thanh Chi Pham, they have mentioned about an automated hall booking system in which they have proposed use of PIR sensors to determine presence of people and intimating. In most meeting room scheduling or management system, the availability of meeting rooms are mainly based on pre -determined schedules. However, since the meeting duration is not always exact as it is scheduled, there are some situations that a meeting room is underutilized. Therefore, in this paper, we present a smart meeting room scheduling and management system which detect occupancy status of meeting rooms in real time and integrate this information into the scheduling application to support ad-hoc meetings and increase room utilization. [1].

O. Mussawar and K. Al-Wahedi, a desktop application is developed and hosted to not only allow people book rooms for their meetings, but also check the utilization of these rooms based on predefined policies. The system also

supports adhoc meetings by providing real-time availability of meeting rooms to users. In government department people there is need of priority based scheduling. In government department there are employees with various designations such as chairman, manager, officers, and employees. It is been observed that a conference room is booked by a department employee and as he/she is employee he/she will book for lower level activity but on the same day if a department chairman need to book a same hall on same day and as the chairman he/she has to manages a higher level activity which not efficient to reschedule so there is need of a system [2].

3. METHODOLOGY

The proposed system is about online venue booking system. It mainly consists of user module and admin module.

3.1 User Module

Inside user module reservation form is created for entering personal information of user and for reserving room or venue. Details such as room type, bedding type, number of rooms, check-in date and check out date has to be entered by user.

Fig. 1.book room

3.2 Admin Module

Administrator has to log in separately.



Fig. 2 Login Page

Admin is able to check status of room booking such as new room booking, booked room and followers. In room booking, admin have all information about customer who has booked that room and details entered by customer.



Fig 3: Booking details

Admin has to confirm the booking by customer. Admin can get profit details from booking. It also have payment gateway facility. Customer can pay for services. Admin can get details about payment on his server.



Fig4: Payment Gateway

Bill is generated on customer’s name for the number of days the services has been provided. Bill can be printed successfully. This application facilitate to add new user easily by just entering new username and password as well update user details. Settings include available rooms, room status whether it is available or not and details about room. Admin can add new room according to room type and bedding type.

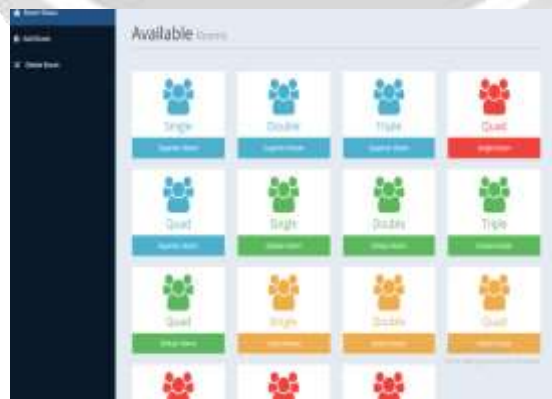


Fig. 5. Available Room

4. SOFTWARE DEVELOPMENT

At First, we have installed latest version of Xampp then the Package installations is done.

- 1) The first step is to create web application for user module where he can make reservation.
- 2) Admin module is created
- 3) Connection of web application with server for database access.

The Programming language such php, java, mysql have been used. All modules have been implemented separately.

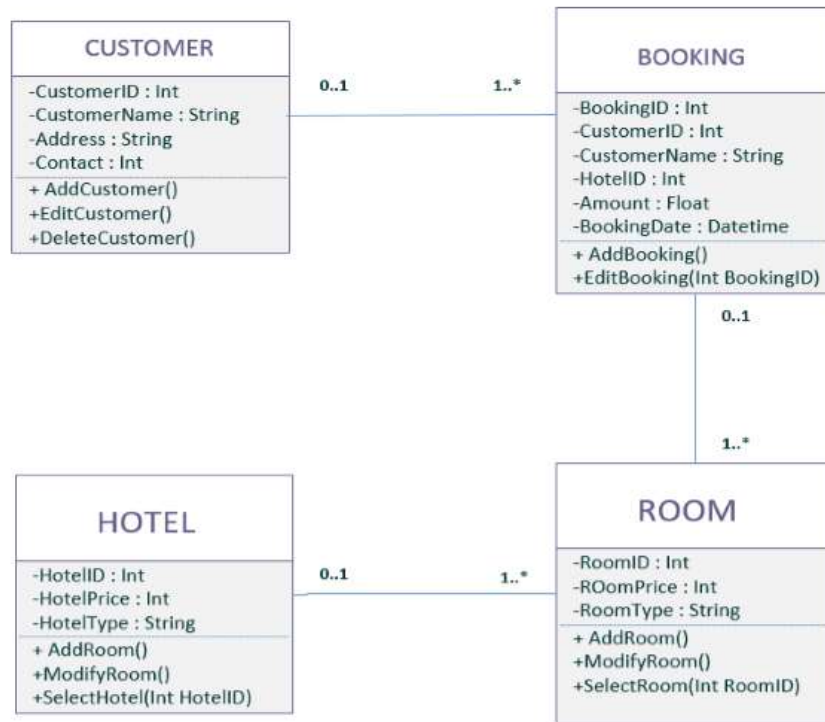


Fig 6. Class Diagram

Fig. 6 is class diagram for hotel booking. It include four basic classes of customer or user, booking, hotel and room. Whole software has been implemented according to these classes.

5. RESULT ANALYSIS

This system made online reservation of hotel rooms easy. This is bridge between user and dealer which helps both for communication. Secured system is developed for booking purpose. All the records are maintained by administrator. This system allows customer to make enquiries online and book for services providing the required details. It offer a responsive booking engine that offer great booking experience.

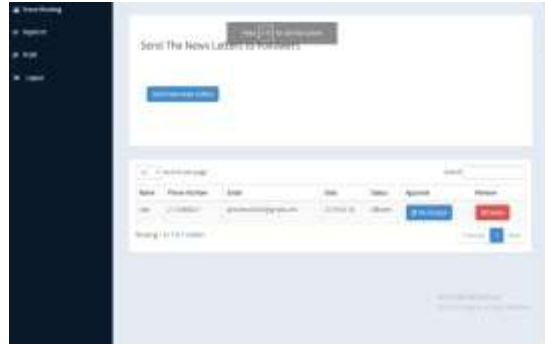


Fig. 7. News Letter



Fig. 8. Profit Details



Fig. 9. Reservation Slip

Customer can get reservation slip. As shown in fig. 9. All profit details will be displayed on admin module.

6. CONCLUSION

The Online Venue Booking System has been developed to replace the manual process of booking venue such as hotel room or any other facility of hotel. The old system does not serve the customer in a better way. Rather it makes customer data vulnerable. Customers can also book online without registering into the system. This system keep

proper record of customers for emergency and security purposes. The hotel's advertising efforts is now accompanied by a virtual tour created on system.

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