**Online Venue Booking System**

**PROJECT TITLE:** Online Venue Booking System

**ABSTRACT**

A banquet hall is a room or building for the purpose of hosting a party, banquet, wedding or other reception, or other social event. This invention provides banquet hall booking for managing booked and vacancy status of banquet halls. This system deals with an aim to develop an online function hall booking system. The main purpose is to build an application program to reduce manual work and track the complete details about the banquet hall. This system provides user-friendly environment while booking the hall it gives suggestion regarding the selection of seminar hall based on the capacity and availability. This web-based portal used provides the information about the availability of halls through an notification or by login portal. The use of web application to reserving of hall eliminates human efforts and manual error as the availability can be checked then and there to avoid repetition of booking by same details. As there is a admin interference in the provider, system is highly authenticated.

**INTRODUCTION**

Currently, the Web applications in our daily life are blooming, and there is also a growing trend in the applications of online booking which helps in reducing manual works. In this technological world we faces many difficulties while reserving halls, to solve such issues, we have to develop online booking system which is combination of the new technologies and also of low cost and maintenance to reduce manual efforts. In the existing system, the management of banquet hall was carried out by using pen and paper. The customers need to visit each hall before booking, and there was lot of time consumption. The present invention relates to a system of managing reservation and utilization of halls.

Venue booking system is a web application in which owners and customers can add and book the events based on their location, availability, and area. This makes the workload simple for users to book an event they need to search for it. In this application, 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 location. The customer will see the full information about the venue and if he is interested he will book the request. It will be sent to the owner who added the venue and if it is available , owner will accept and the user will get the status that the booking is confirmed.

**SCOPE**

People will find difficult to find near by hall where they can arrange their family functions or other events. They need to call hall owners to know vacant hall information on call or they need to visit the place to book the venue. They may not get all required information at that time and user need to spend time to visit the venue. This process is time consuming process for both owner and customer. This web based system will automate this venue booking system where customer get all information about all venue that are added by hall owners. This online platform allows customer to book venue and to know the booking status.

**OBJECTIVES**

The main objectives of this projects are as follows:

* To implement an automated system to book event venue through online.
* To provide available venue information to customers.
* To allow customer to select and book venue of their interest.
* To avoid the existing manual venue booking system.

**PROJECT CATEGORY:** Web Application

**HARDWARE AND SOFTWARE REQUIREMENTS**

* Operating System : Windows 10/ Linux
* Web Server : Apache
* Programming Languages : PHP, CSS, Java Script.
* Web browsers : Google chrome/Mozilla Firefox/internet explorer
* Database : MYSQL
* IDE : Netbeans 8.2

**HARDWARE REQUIREMENTS:**

* Processor :1 GHZ or higher CPU
* Hard disk : 500 MB available internal storage
* Memory :512 MB of RAM is minimally recommended
* Display : 2.8 inches or larger

**MODULES USED:**

Proposed system has Three main modules: Owner, Customer and Admin.

**Customer**: Access the system using a Web Application

* View hall Module: This module is used to view available hall information.
* Login Module: This module allows customer to login to the system.
* Registration Module: This module allows customer to register to the system. Customer needs provide their basic information while registration.
* Payment Module: This module is to do the payment using different payment modes.
* Book Module: This module is used to book a venue. Customer needs to give booking information.
* Status Module: This module is used to know the booking status.
* Feedback Module: This module is used to give feedback about the venue.

**Owner**: Owner will access the system through a web application.

* Login: This module allows owner to login to system.
* View bookings: This module is used to view venue bookings.
* View Payment: This module is to keep track of customer’s payment.
* Order update Module: This module is used to either accept or to reject the venue order received.
* View Feedback Module: This module is used to view customer feedback.

**Admin**: Admin will access the system using a web interface.

* Login: This module allows admin to login to system.
* Owner Registration: This module is used to register a new hall owner to system.
* View venue Module: This module is used to view added venue informations.
* Owner Management Module: This module is used to add, edit and update owner information.
* View feedback Module: This module is used to view customer feedback about venues.
* Customer Management Module: This module is used to add, edit and control customer information.

**Limitations**:

* Proposed application will be demonstrated in localhost.
* System will not support different online payment methods.
* System shows only images of venues.

**Future Scope:**

* System can be deployed in either public or private servers.
* System can be upgraded so that it runs in different platform.
* Different online payment methods can be added.