**ONLINE VENUE BOOKING**

**Objective:**

The objective of the project is to reserve a venue for functions, parties, weddings, meetings etc., user can enter into a single site for reservation which provides vacancies and profile of different venues.

**Existing system:**

In the present world the reservation of venues are done through some agencies, electronic services and venue providers. The user can make arrangements face to face with the agent and can make depending on services provided by the agency. Through venue provider, user can make arrangements and have a direct contact with the provider.

**Problems**

In agencies access may be limited to physical hours of operation Websites are there but only regarding particular venue. If that particular venue is not Available they have to go to other site which is a time consuming process.Last alternative is directly contacting the venue provider. But they can give information only about their own venue and is time consuming as the user checks with multiple services on their own. All this consumes lot of time.

**Proposed system:**

To overcome the above problems we came up with an idea to implement a system called Online Venue Booking.

The System that is developed will help the users to plan their reservations for functions, parties, weddings, meetings etc., by not getting into troubles through some agencies. They can enter into a single site which provides vacancies and profile of different venues. This provides a solution for smooth running of the schedules of the users.

**Advantages**

1. Users need not go to venues provider for booking venues.
2. Our system also helps venue providers since they can personally reserve venues for users which are also through our system.
3. Our system provides profile of different venues. So users can find different venues at single place.

**Modules:**

The system is proposed to have the following modules:

1. **Registration**
2. **Search**
3. **Reservation**
4. **Cancellation**
5. **Venues Profile submission**

**Registration**

The registration module deals with the intake of complete details of the user and venues. The user has to enter the personal details. Registration for venue providers will be done directly by the administrator in order to confirm that the venue they provide is at correct place and all the details are correct. Venue Providers has to give their venue name, address and other contact details. By providing the above details both user and venue provider can create their own accounts.

**Search**

The search module allows users to search for venues of their desire. The user has to just specify the place. The profile of all the venues in that place are displayed to the user. The user can select a venue and can check the availability of the venue by specifying a date. If it is available the user can go for reservation otherwise he can check the availability of other venues.

**Reservation**

In this module the user has to tell the venue name, check-in date, check-in and checkout times in-order to reserve a venue.

**Cancellation**

The user has the facility to cancel a venue. For cancellation the user should login and provide the details of the venue he already reserved.

**Venues Profile Submission**

This module deals with the venue provider. Venue Provider will provides the details of the venue like venue name, address, capacity, cost, contact numbers etc. When the users search for a venue these details will be displayed.

**Software Requirements:-**

* Technology : J2SE and J2EE
* Web-Technologies : HTML ,JavaScript ,CSS
* Web Server : Tomcat 6
* Java Version : JDK1.6
* Backend Database : Oracle 10G

**Hardware Requirements:-**

* Processor : Pentium IV
* RAM Capacity : 1GB

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