

# A Survey on A Web Based Hall Booking Management System

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## ABSTRACT

We are going to develop web portal for searching wedding Hall or Lawn to access the computers. This web portal is used to check the availability of Wedding Hall or Lawn, hence we need not visit same place. Because of getting detailed information of Hall in same web portal we can save time and money of user. A simple list of Wedding Halls not gives us detailed information with features and facilities. The user should have waste his/her time and money to search for Hall or Lawn. But with the help of this web portal user can easily get the area wise listing of Wedding Halls and Lawns with detail information as well as the availability of the same for particular date. Information of Individual Hall or Lawn is stored in database. New Owner of Hall or Lawn can insert his detail in web portal. As soon as he became member of web portal he can edit his information and update date of booking. The main advantage of a web based Hall management system is that it consuming the time and save money of user. It gives upto date information about Hall or Lawn and availability for particular date of this Halls or Lawn. Major problem is focused while searching of Hall or Lawn, because of busy schedule of user he/she is spending much time and money. This web portal is used to solve this problem. This helps the user to save time, money as well as energy because all the information got on the same web portal.

**Keywords:** Web Base, Web Portal, Management System

## I. INTRODUCTION

We can easily get the list of wedding halls & lawns in Nagpur. Also we have detailed contact information for some particular hall. But we cannot get the availability about hall. So background behind this web portal is that it gives the area wise listing of wedding halls & lawns with the detailed information of individual and also display for particular date the hall is available or not.

This web portal you select for booking your hall and lawns can be as simple or developed as you choose, and should reflect the skills and experience of the people managing the hall.

A web base hall booking management system should be easy to use and ensure the right information goes to the right place at the right time. This web portal

include a calendar, booking check list, terms and conditions and began the installation of key safe at halls to make accessing the halls easier.

A Web base hall booking management system provides the searching facilities based various factor. Web base hall booking management systems are going to develop web portal for searching wedding halls. This web portable is use to check the availability of wedding hence we need not go and visit the place. The user should have wasted his / her time and the money to search for hall. Information of individual's hall is stored in database. New owner of hall can insert his details in web portal. As he becomes member of web portal he can edit his information and update date of booking.

Nagpur is the best place for the wedding . This web portal include all in all information like a calendar ,booking checklist and also display for particular date the hall is available or not . This is a special type of web portal to easily search the information of wedding Halls and Lawn.

## II. PROPOSED SYSTEM

### a.User Module

In this module the user search the information of Hall in specific area. User also checks the details of Hall. User can check the bookings checklist the date of Hall available or not. If User want to book that Hall then User have to click on “Book Now” button and fill the owner information and date of booking Hall

In the Web base hall booking management system user can easily search the information of Hall in specific area. After searching, user can check the details of hall & also can view the photo gallery of wedding hall. Also user can check the booked date of hall in calendar. After seeing all the detail information of about Hall, then User have to click on “Book Now” button and fill the own information and date of booking.

### b.Owner Module

In this module Owner can update their profile and also see the booking enquiries in their own login account. Owner has their own login id and password it is create when owner can fill the Owner registration form. Owner should be easy to use and ensure the right information goes to the right place at the right time.

In the owner module firstly owner creates his owner account for login into a web based Hall booking management system. After creating an account, Owner can be login. After login, owner can update his profile, view profile , include calendar, booking checklist, and update details of wedding Hall, and terms and conditions and began the installation of

key safe at hall ,to make accessing the halls easily etc. Also Owner can see the booking enquiries whether our Hall is booked or not by user. After completing all work on his account, Owner can logout the account from A Web Based Hall Booking Management System

### c.Booking Module

In this module User select for booking the Hall can be as simple or developed as he/she choose . When user is satisfied with the details of Hall if he/she want to book the Hall then user can click on “Book Now” button and fill the form of booking and submit the form click on “Submit” button then user get conformation message for submitting the data.

## III. SYSTEM IMPLEMENTATION

### Algorithm

K-nearest Neighbour Algorithm is a method used for classification and regression. In both case, the input consist of the k-nearest training example in feature space.

The training examples are vector in a multidimensional feature space, each with a class label .The training phase consist only of storing the training samples.

In the classification phase, k is user –define constant, and an unlabelled vector (a query) is classified by assigning the label which is most frequent among the k- training samples nearest to the query point.

A commonly used distance metric for continuous variables is Euclidean distance For discrete variables, such as for text classification, another metric can be used, such as the overlap metric. In the context of gene expression microarray data for example k-NN has also been employed with correlation coefficients such as Pearson and Spearman.

### Wedding Planning

Online Wedding Planning Hall booking System is a web based project which act as a bridge between

potential users and wedding planners. As people spend lots of money on Weddings, Parties and MICE, but they involve their selves in each and every affair in such a way that at the end of the day they feel that they have not seen the wedding of their only Son/Daughter or they have not been able to enjoy the program. That is why, a Wedding Planner-Co-ordinator is required to make all people comfortable on the day of the Wedding /Event.

So that we have tried to make a web project so that all the planning for the food, venues, invitation cards, bookings can be done on time. This project is developed to make the users comfortable to enjoy each and every program along with their family, friends and relatives. This project organizes.

1. Venues & Accommodation.
2. Sets, Themes, Concepts & Decorations
3. Menu Planning, F & B and Bar Tendering Services.
4. Payment and deposits are made and refunded correctly.
5. Volunteers can easily manage Hall Booking
6. Rental Services Like: Security, Hostesses, Travel & Transport, Royal Procession, Fireworks.
7. Wedding and Hospitality Management.

### Goals

- 1) Customer can get proper estimation of budget.
- 2) There is package facility for users. Customer can manage according to their requirement like decoration, catering, lighting, guest management, travelling package, entertainment.
- 3) Reducing the time of planning and organizing the wedding related services.
- 4) Customer can easy to guess estimate of wedding budget.
- 5) Provides packages such as Travelling Packages, Live Music, Photography.

### Planner Design

Wedding Arch is a web based system emphasizing on the products and services that can easily be obtaining in Malaysia. The system can be easily utilized by

potential customers or providers of the bridal products and services. Administrators of the system will be maintaining the web based system in terms of updating the information and keeping track of members.

### d.Non-Member Module

Users will have to register as members to fully utilize the web based portal system. members are only able to partially use the web base system. The basic program of the non member module is the registration, searching and viewing functions. The searching and viewing function includes the process of searching and viewing of advertisements from the various registered vendors and members.

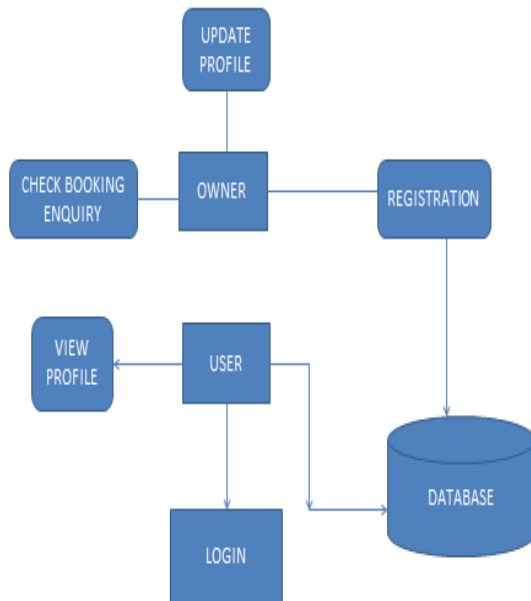
### e.Member Module

for the member modules, extra functions are provided besides the basic non-member functions. This works as an incentive by providing an edge for the customer oriented factor in electronic commerce. The extras include the budget planner, which will be discussed further in the paper, and promotions for the members. The promotions that are offered are part of the making product bundling strategies which ideally combines products and services from various vendors into a single package and handled by the system administrators. Bundling is a popular sales-promotion tool, in which a critical issue is to decide what products should be sold together in order to improve sales. Bundling of the products and services from different but can handle easy.vendors can hardly be found as most vendors preferred to work independently. The strategy opted by the web based application can be quite a catch for potential customers

### f. Vendor Module

Members aside, the vendor module includes the registration, login, posting and updating advertisements. Similar to the member module, vendors will have to register with the system before they are allowed to post or update any advertisements.

### D. Figures



**Figure 1.** DFD for Login Module

## IV. FUTURE SCOPE

In future User can submit his requirement of Hall and it directly displayed to owner. When owner login to website User can display the user details and requirement in calendar and he can online show the conformation of booking for particular owner. After submitting the requirement of user, owner can receive message that he has received enquiry of user and details of user as well as user get the message that he/she want to book the Hall is conformed or not

### Security AND CONCLUSION

Security measures have been taken in a bid to make the software full proof in terms of various activities:-

1. Authorization of the user as well as administrator
2. Input Validations of the forms
3. Output Validations of the forms and result
4. Login timing to maintain easy of the Session management
5. Logout timing of the user
6. Data Security
7. Software Security
8. Hardware Security
9. Illegal copying should be restricted

These are the few measures that are taken into account to meet the security measures while developing a project for an organization.

Wedding Arch, as a web base application wedding planner, is built to reduce the time and money consuming processes of planning and preparing for wedding occasions. The existence of Wedding Arch is meant to assist users in making decisions while design and planning their weddings or any wedding related occasions. Besides end users, this wedding planner is put together with the vendors in mind for them to strategies their marketing plan.

The web-based wedding planner provides solution for information on bridal products and services and also functions as an electronic commerce portal for vendors to trade and advertise their products. The web-based decision support system sustains an analysis tool for users and vendors alike by providing price analyzing services to assist in the decision making processes. For the vendors, it gives a competitive edge when planning their marketing strategies.

On the other hand, the analysis tools enhance the budget planning processes for users. Members of Wedding Arch are able to tap o the products or services bundling practices to obtain better offers that suits their tastes and budget. The bundling

strategy promotes products and services by various bridal vendors from different trade backgrounds.

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