

A Review : Venue Booking System

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ABSTRACT

Ecommerce refers to both online retail as well as electronic transactions. Ecommerce has hugely increased in popularity over the last decades, and in ways, it's replacing traditional brick and mortar stores. This application enables you to book venues as per the choice of customer and his / her requirements. Venue booking system is a web application in which service providers or a venue owner can registered their venues and customers can book venues for events as per their location, availability and interest. This makes the workload simple for customers to book a venue for an event they need to search for it without visiting actual place. In this application, the user needs to be registered and log in for further advantages. The customer can search for venues by specifying names or by giving the location if venues are present in that particular location.

Keywords: E-Commerce, Venue Booking

I. INTRODUCTION

In the 21st century most of the users are using internet for purchasing the product online, paying for bills, booking for tickets etc. Due to rapid use of internet the user have reduced purchasing their product through stores. E-Commerce based websites are increasing massively. The venue or hotel Industry is one of the largest and most profitable industries in most countries. It helps to oust the economy of both developed and developing countries.

People are always looking around' when vacationing for the cheapest venues for celebration's and arrange bookings in advance to guarantee their stay for the period of their celebration. However these activities generally require individuals to do the bulk of the search and booking. This is not only time consuming exercise, but can be frustrating and costly as well.

The objective of the system is to reserve a venue for functions, parties, weddings, meetings etc., user can

enter into a single system for reservation which provides availability and profile of different venues.. If a particular venue is not available they have to go to other website which is a time consuming process. venue and is time consuming as the user checks with multiple services on their own. All this consumes lot of time. Consider a user who wish to book a wedding hall for the wedding. The first thing that user does is to visit the owner of wedding hall, discuss with him about the services offered by the hall and then negotiate the deal for booking the hall.

Furthermore there may be some services which are not provided by the wedding hall owner, so for that the user has to inquiry and get there services from a third party, such services can be like decoration of hall, orchestra, photographer etc. So in he proposed system we aim to gather the entire venue for all types of function and also the services. By this user will have much more options under one roof.

II. LITERATURE SURVEY

“LARS: A Location-Aware Recommender System” authored by Justin J. Levandoski ,Mohamed Sarwat, Ahmed Eldawy, Mohamed F. Mokbel contains a position alert recommender structure that uses position-based ratings to generate references. LARS achieves Customer rating positions through user partitioning, a technique that influences recommendations with ratings spatially close to querying users in a manner that maximizes system scalability while not sacrificing recommendation quality.

“Position Detection and Tracking System” published by Mahesh Kadibagil, and Dr. H S Guruprasad proposed a Self-directed location recognition and tracking method which enhances the correctness of finding friends and family member’s locations by using GPS and typical web technology. This design includes a mobile client, a repository, a web client and a map service. The mobile user is used to discover location and conduct a notification SMS to user when his/her friends or family members come nearby the user’s zone of path. This location material can be sent to the server and the same information can be achieved and observed using the web consumer by other customers.

In [3] the author wants to convey that with the hasty improvement of Internet, people's day-to-day life has basically been attached from the Internet. After the Internet, without resolution, whether entities or industries, both clients and industrialists, are made on the network of expectation, this new expectation is to get through the network of the greatest things the inexpensive, most practical to find the fastest information, the most money-making products to sell up. As people's lives are getting better, it comes with many lifestyle changes. As the film are still the same and has not changed predilections and as more and more film are churned out more an more

people are viewing it and more and more people are queuing.

In [4] the author tells about Position based Services which offers many benefits to the mobile consumers to recover the information about their current position and manner that data to get more useful information near to their position. With the help of GPS in phones and through Net Services using GPRS, Position based Facilities can be fulfilled on Android based smart phones to provide these value-added services like handset profiling, scheduling alarms. Position based services are a general class of computer program level services used to include specific controls for position and time data as control features in computer programs.

III. PROPOSED

The main aim of the proposed concept is to develop a web application that will allow the user to search and book the menu. The application should be able to provide a platform for venues providers to showcase their services. There should be the options for disbursing auto discount for existing customers. The application should provide details of all booked venues with dates and user can query if they want to. Following fig1. shows work flow VBS which has two parts service provider (venue owner) and second is user having their own functionality of booking venue or registering the venue.

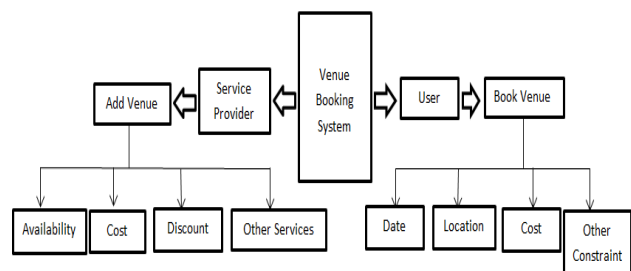


Fig1. Work Flow of VBS

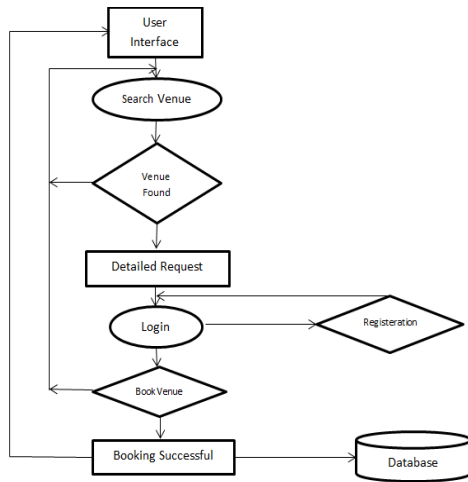


Fig 2. DFD for Customer

Above data flow diagram (DFD) i.e. fig2 will show how user can interact with the application by sign in, sign up, searching venues etc.

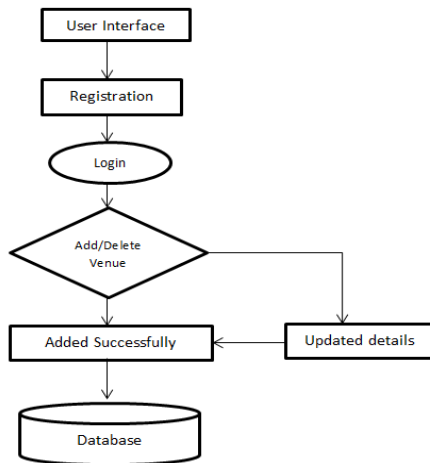


Fig 3. DFD for Venue Owner

Fig3 will show how venue owner can interact with the application by registering their venues and provide various services as per their venue.

This application will consist of following modules.

- 1) Admin Module
- 2) Booking Module
- 3) Category Module
- 4) Discount Module
- 5) Payment Gateway
- 6) Inquiry Module
- 7) Customer Module
- 8) Venue Owner Module

Following information shows functionality of different modules.

- **Admin**
Admin can add, update the categories in which a venue will be added. He/ She can manage all the functionality related to user and venue owner. The admin acts as an intermediate between these two modules.
- **Booking**
The booking module will handle the booking functionality also it manages all functions related to the enquiries of different venues and availability of dates according to bookings.
- **Category**
This module will be used to save the categories from the admin module. It contains different categories related to venues which can be decided by the venue owner according to his / her venue.
- **Discount**
This module will handle the functionality related to discounts. It provides discounts to the existing user which will be decided by the venue owner.
- **Gateway**
This is the dummy implementation of a gateway for payments. It would be the full payment to the owner or some amount of down payment.
- **Messages**
This will be used for showing and storing the inquiry messages. This basically acts as an enquiry section where the user can ask their inquiries related to venues.
- **User**
The user module will provide functionality for sign up and login etc. This will be the customer section.
- **Venue**
The venue module will be used for showing and managing the venues which are registered and their information and services provided by the venue owner.
- **DAO**
Data access object will be used for managing the database connectivity

The proposed system will be implanted as a web based application on J2EE platform of Java with MySQL as database.

Thus we have been able to design a venue booking system and have been able to carry on partial implementation as.

IV. CONCLUSION

In this paper we discuss about managing different venues according to user need. It helps user to book venues as per their requirements. It can be different halls, lawns, meeting rooms etc. The user can show their interest by booking venues. This application will overcome the problem of previous system in which all the work were done manually. It gives better results by booking venues directly without visiting the venue.

V. REFERENCES

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