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Online reservation system

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ABSTRACT

This project is made for the fulfillment of B. Tech 8th Semester. In this project we have used Microsoft Visual Studio (ASP.net) as frontend and SQL Server 2008 as backend. The topic is of ONLINE HOTEL BOOKING SYSTEM "A complete solution for Banquet Hall and Hotel Booking" is selected for the purpose of this project and the algorithms used in Online hotel booking is the main focus. This programme is intended to reduce the manual work related to booking a banquet hall for a specific purpose. This uses specific locations and make booking of banquet hall easier and effective for the user. This system provides information related to banquet hall and on basis of customer preference like capacity it proposes and recommend the best banquet hall available at particular location. The database would include a series of information and with help of algorithms it combines the preferences of customer and provide the best banquet hall. The specific features of every banquet hall would be added in the database to provide best method in booking.

Keywords: Algorithms, Manual Work, Specific Locations, Customer Preference

1. INTRODUCTION

BANQUET HALL BOOKING WEBSITE- "A complete solution for Banquet Hall Booking System" is developed under the kind guidance of our most respected Sir "Mr. Rajendra Singh", developed by "Navin M.K". I am the student of Bachelor of Computer Science & Engineering (C.S.E.) from Raffles University. This website is a project for booking of Banquet Hall(s) that can be utilized or adopted by any of the individual for banquet booking purpose. This website is developed in Microsoft Visual Basic 2008 (ASP.net) and the backend of this project is maintained on SQL Server 2008.

2. PROBLEM DEFINITION

The programme is developed to address the problem people face in booking banquet halls. Mostly they were not aware of related banquet halls with special features in the locality and such lack of information restricts them to book a good banquet hall. Thus, it is developed to provide a good banquet hall booking platform and to do related task. The main problem faced by individuals in booking includes capacity of banquet hall, prices, does the banquet hall is proper to host a function, does the facilities were proper enough etc. this is not possible without examining the banquet hall in person. Examining a significant number of banquet hall is not possible leading to wrong decision making with regard to booking of banquet hall. In the project developed the website would allow the user to locate the banquet hall as per their need, and it also provide information about complimentary things like Audio System, Video Recording, lights etc.

To beat this load of issues a site has been concocted. It's anything but an undertaking wanted to lessen manual work. With this site Booking of Banquet Halls oversaw in an extremely simple and successful way. It can deal with every one of the records of Banquet Halls inside a state and its areas and can furnish all the data related with them.

Essentially, we additionally have empowered some featuring highlights like-Searching through different fields like-looking for a dinner lobby on an individual date, looking of feast corridors concerning their region, looking of meal lobbies inside a region, and so on Seeing of the relative multitude of regarded things are displayed with the assistance of Tables, Command Buttons, Text Boxes, Check Boxes, Labels, Option Buttons, Combo Boxes, Timers, Progress Bar, Common Control Dialog, Tabbed Pane, Image Boxes are very much utilized in the venture to improve the show and a decent and well-disposed interface for the client. As this site is an E-project then it additionally contains some different structures like-Splash Screen to make the product powerful and a Login structure to ensure any unknown client can't work it for security reason.

By utilizing this site one can play out the activities of Banquet Hall booking which may incorporate Banquet Halls Record, Districts Record, Sectors Record, Records of the Facilities given by the Banquet Hall, Bookings Record and Complimentary Record is

likewise accessible in this site. Different sorts of Forms, Modules and Coding are done to play out that plays out the work well. We most deferentially thank our "Sir" for this thoughtful direction and an extremely enormous commitment. Really talking, this venture shouldn't be finished without him.

3. OBJECTIVES OF BANQUET HALL BOOKING WEBSITE

The fundamental goal of this site is to fulfill constantly the requirements and to address the troubles which happen while playing out crafted by Banquet Hall Booking. This may incorporate issues and capacities like dealing with the whole record of the accessible information. This can be accomplished by the Master Record Database that is remembered for this undertaking. Not just this, the data sets that are remembered for this product project contains the records independently for different sorts of working. This site incorporates a data set named Banquet Halls in which all the data identified with a specific separate Banquet Hall is set. Additionally, "Appointments" contains all the data that are required while booking an individual Banquet so we may keep up and update our data set opportunity to time. Not just record support, these information bases can without much of a stretch be looked by different sorts according to need of the client. The looking through office incorporates looking through like-looking for a feast lobby on an individual date, looking of meal lobbies regarding their region, looking of meal corridors inside an area, and so forth

Another target of this product is to decrease the work and time effectiveness that is used while playing out the errand of Banquet Hall Booking. This site simple to utilize and compact and of least prerequisite so that even another client can work it effectively and in a superior manner. Playing out the separate work physically takes significantly more time than to be finished by this site; thusly this product venture will lessen the time productivity and work.

4. NECESSITY

At the point when we consider the word need we remind an old saying "Necessity is the Mother of Invention". In past times when we need to go to book a dinner corridor, we need to invested more energy looking through the specific and fitting lobby according to out need. This system requires some investment and since in now-a-days we accept that time is cash so we are definitely going to get valuable outcomes by utilizing this site.

So need of an electronic Banquet Booking System was felt and work was begun toward this path, which brought about present in Banquet Hall Booking Website. Which lessen a ton of time, part of administrative work and parcel of work, and so forth...

5. PROBLEM OF PHYSICAL SYSTEM

- Answering the questions, showing the current status of Banquet Hall, enquiry about different dinner Halls in different regions and areas of a specific particular state.
- Finding the records of Banquet Halls as for District, Sectors, and so on
- To discover the Banquet Hall which gave the total data about itself.
- To give the free offices to the client.
- It needs a few people to work at a similar venture.
- Inability to oblige development.
- Inability to refresh information base opportune.
- Costly and wasteful technique.
- Maintaining costs and different modules related with Banquet Hall Booking was exceptionally troublesome.