

Event Management Hub

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Abstract—Event management is a thriving and rapidly expanding field with no standardisation. We often consider event management to be a subset of project management, but we must remember that event management has its own set of concepts and difficulties that necessitate the development of new methodologies and tools. To address issues such as record keeping, event delays, and confusion between clients and service provider, we created an event management software that would assist the service provider in organising and supervising events. The system allows registered users to login, as well as new users to sign up for the app. This is supposed to be a web app. The project provides the fundamental capabilities required for an event type, such as [party, wedding, commercial, etc.]; the user then selects their requirements.

Keywords—Customers, Service Provider, Events, Web app, CRM, ERP Tools, html, css, Js.

1. INTRODUCTION

The "Event Management Hub" online application was created to address the issues that arise while using a manual system. This system was created to meet the needs of clients, allowing them to run their events smoothly and effectively. Software is user-friendly because it does not necessitate any specific knowledge on the part of the user.

Project Management comes under the application of Event Management for constructing and developing large-scale as well as small scale events, such as wedding, birthday parties, corporate events, etc. Event planning refers to the process of preparing and coordinating an event, which might include budgeting, scheduling, location selection, obtaining appropriate permits, arranging for speakers or performers, arranging decor, catering, and so on.

2. LITERATURE REVIEW

In this paper, we studied how to introduce a computerized system that was created utilizing sophisticated language.

Today's events, such as festivals, weddings, birthday parties, and so on, have become a significant aspect of life, resulting in a growth in event organizers and management companies [1]. We discover in this study that as the number of customers and events grows, it becomes increasingly difficult to handle using traditional spreadsheet and database solutions. In order to address the shortcomings of the old event management system, a new Smart Event Management System has been created, which uses modern technology to manage various duties [2]. We learn in this research that an online management system effectively automates the organising process and reduces the risk of human error [3].

Following an analysis of efforts associated with wedding ceremonies, birthday parties, and goodbye parties, numerous issues arise since we don't receive everything from one platform and it is not in our budget [4].

3. PROPOSED SYSTEM

The suggested system is computerised and was created using PHP, HTML, and CSS, it provides more features. It allows users to quickly access any data saved in the database. In this method, the user only has to enter data once, and it is then kept in a database that is linked to all files. This decreases the user's workload while simultaneously saving time. Any event's information can be simply retrieved anytime needed. The system makes it simple to keep track of all records. It also shows the monthly & yearly analytics that are reported for the business of the service in the form of bar graph and pie chart.

4. PROCESS FLOW

- As per the service provider point of view if they are not registered then first they need to sign up by entering Username,

Setting up Password (SHA-256 is used to store password in database), their Email Id and their contact number which will be stored in database. After sign up it will take you directly to Login Page where the service provider/owner need to enter their respective username and password which will lead them directly to the home page of the website. There is a navigation bar which includes Home, About Us, Analytics, Services, Notification and Logout.

- In the service provider/owner dashboard they need to enter the details related to their banquets/hall such as Hall/Banquet name, Email Id, Contact Number, Aadhar Card number, Location/Address of the hall, social media link of their hall, Price, Capacity, Photos of the Hall.
- The Home page contains the record of the events that are scheduled for the future and there are basically two options that are New Entry and Past Records.
- The New Entry basically is sometimes used by the service provider/owner to manually enter the new booking of the hall. For example: Suppose a customer directly visits a client without surfing our website, so in that scenario the owner will manually enter the details and book for the customer and which will directly get scheduled and will receive the notification of the Email address that the “Dear Customer Your Booking is Done”. The New Entry includes Date for the event, Name of the customer, Contact number, Email Id, Aadhar Card number, Address, Type of event, Duration of event, Mode of payment and photo for verification.
- In case of any inconvenience we have also added the Past record. For example: A customer needs a print of the bill or needs any information related to the events.
- Also in the Home Page there is a Search Field which is very useful and becomes easy for finding out the record. We can match the Search Field with Booking Id which will be unique for each booking, Date, Name or Contact No.
- In the Analytice the Service Provider/Owner of the hall will get the status for the monthly profit in the form of pie chart and also yearly profit which is shown in the form of bargraph.
- Also we have added the service. For organizing an event apart from the booking hall there are many other things such as catering, decorations, photographers, DJs, etc. Suppose the owner is having different types of services or he wants to refer someone to the customers so there is an option for adding services and the social media link where the customers can directly contact them and also we can delete the services .

- AtLast there is the About Us section which includes the steps to use our website for and also the owner can contact the admin that customer care option is given or they can Email us.
- And at the bottom there is a Logout Button.

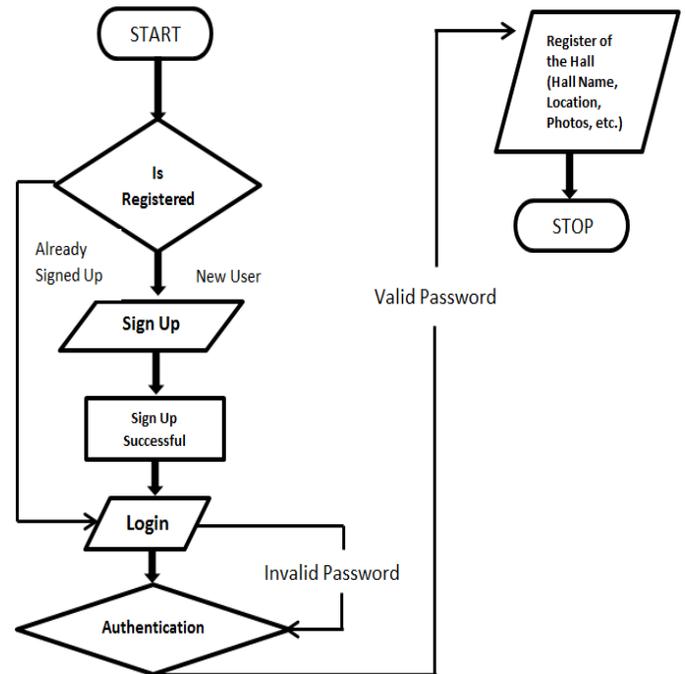


Fig -1: Service Provider Flow Chart

5. FLASK

In this project we have used the Flask framework as it allows us to create web-based applications. Flask's framework is more transparent than Django's, and it's also easier to learn because it requires less basic code to build a web application. A Web-Application Framework, or Web Framework, is a collection of modules and libraries that enable programmers to construct apps without having to write low-level code like protocols and thread management.

6. ADVANTAGES

- This is an automated application in which the system retrieves the necessary result from the database without the need for the administrator to engage.
- It offers a straightforward user interface that is simple to grasp.
- With the use of secure authentication, SQL provides a high level of security.
- Time Savings in Communication

7. REQUIREMENTS

- Programming Language : Python , JavaScript.
- Framework : Flask.
- Client Side : HTML , CSS ,Bootstrap.
- Query Language : SQL.
- Storage : Amazon Web Service.
- Domain Name.
- Technology : Ajax , Json , ERP Tools ,etc.

8. CONCLUSION

The corresponding occurrences will be controlled and automated to the complete database in the network using this software. Human effort will undoubtedly be reduced as a result of this project, and the tasks of the user/customer and the service provider/owner will be much simplified. It is simple to operate with and efficient to use this software. As a result, we are designing an event management software while keeping the benefits and advantages in mind. This web application will be extremely beneficial to both the service provider and the consumer.

9. REFERENCES

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