NOVEL APPROACH TO MANAGE EVENTS IN THE ORGANIZATIONS

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Abstract - *In the last few decades the events carried out in any organization was documented using pen and paper method or to some extent using a file storage in the computer system. Modifying, changing and retrieving the required information was more complex and time consuming because every time we need to rewrite in a different place. Accessing the event data and preparing the required reports was difficult because of the manual process.*

To overcome the above limitations of existing system, in this paper a novel approach is proposed to handle all the events and to prepare necessary reports. The proposed tool which interacts with the user and Administrator and gathers the required data. Further based on the input data, analysis is made and user customized reports are generated. The tool presents a Web page wherein the user and administrator interacts to perform all the day-to-day activities with respect to event management. In this paper, the proposed tool works for the events conducted in the Educational institutions.

Key Words: Event Organization, Admin module, Student module, Administrator

1. INTRODUCTION

Event management is the way of organizing, conduction and preparing the various customized reports to the individuals and to the organization. In the last few decades the events carried out in any organization was documented using pen and paper method or to some extent using a file storage in the computer system. Modifying, changing and retrieving the required information was more complex and time consuming because every time we need to rewrite in a different place. Accessing the event data and preparing the required reports was difficult because of the manual process.

Now-a-days events have become an inseparable concept. There are hundreds of events that are organized by educational institutions every year. Events like conferences, seminars, programming and robotics fests, cultural festivals are common occurrences in every educational institutions. The event management system has been developed to override the problems prevailing in the practicing manual system. This system is designed for the particular need of the organization to carry out operations in a smooth and effective manner.

2. LITERATURE SURVEY

In Paper **[1]**, the authors discussed about the various event management activities which are usually carried out by different people. The authors also discussed about the significant economic benefits. This paper helped us to understand the activities and maintenance of each activity in the organization.

In Paper **[2]**, the authors has built the student information management system with the features like online registration of students, searching and maintaining of student's records. The system was built using the programming languages like HTML, JavaScript implementing PHP and MySQL. They used Apache HTTP server and Dreamweaver.

In Paper **[3]**, the authors has discussed that the authentication is provided by the barcode, which is used for the smooth and quick enrollment. It is secure, efficient and faster. The outcome of using this system is secured and quick enrollment.

In Paper **[4]**, the authors discussed that the project named event management system has been developed for the college users on android market. This approach is mainly focused on event based services to the companies, college network in mobile application. The main purpose of using this application is to reduce the direct communication between student and event organizer and avoid the problems of the student to enter into the event and participating by using this android application.

In Paper **[5]**, the authors has developed an Android and Web Based Application for College Management System", this paper provides a generalized solution to monitor the various works that are carried out by a College for managing it. "Smart Connect" provides a simple interface for maintaining a student information. This paper helped us to maintain the records of students of an organization.

In Paper **[6]**, the authors have developed a web based event management system using an android app. This system provides communication link between the students and the authorities, when the students have any doubts with respect to any of the events then these

doubts can be answered by the authorities, and it also helps in providing the educational resources or any details related to the campus drive for the students.

In Paper **[7]**, the authors discusses about the services that will provide quality in event management processes and also bridge the gap between users and vendors and provide them a platform to interact and manage events.

In Paper **[8]**, the author has developed an android application which will provide an interesting events so that users will be able to smoothly manage their event and also the application will help user in planning a successful event.

In Paper **[9]**, the authors has developed a system that enables the admin to keep track of all the student's. The admin has access to database of the system and the system is a digital based and it provides functionality to the students about the application that where in the admin can manage Student can also have the access to the uploaded notes, and course information. Student will get the information of the events through the SMS. Therefore, this system reduces the manpower and time required.

In Paper **[10]**, the authors has discussed about the management system that has different event needs. This system is designed and developed to assist in deliberate planning and it will also ensure that the right level of information of future goals is provided to the organization. This paper helped us to manage the resources and provide particular service of various events.

In Paper **[11]**, the author states that through the software proposed particular events will be managed and automated to the entire database in the network.

In Paper **[12]**, the system will help a particular event to automate and manage the entire database in the network. This system is built with various modules which deals with managing employee and customer information, managing the services and event information, creation of e-card and website for checking the status.

In Paper **[13]**, the author states that the technology is utilized by the organizations in order to stay in touch with their customers, by making use of websites and social media to share the information and for collaboration.

In Paper **[14]**, the author discusses about the system that serves the event manager functionality and he attempted to examine the modeling storage, querying and applications of such an event management system in a holistic manner.

The author **[15]** focuses on how you can capitalize on your unique abilities, training, and Knowledge of special events to find gainful employment in this inspiring global industry.

3. PROPOSED METHODOLOGY

The block diagram shown in Figure 3.1 illustrates the various activities involved in the Event Management. The proposed tool interacts with the user or Administrator which takes the required input and generates the various reports and outputs.

The proposed tool is designed and developed in the form of a Web page which comprises the following modules which are depicted in Figure 3.1.
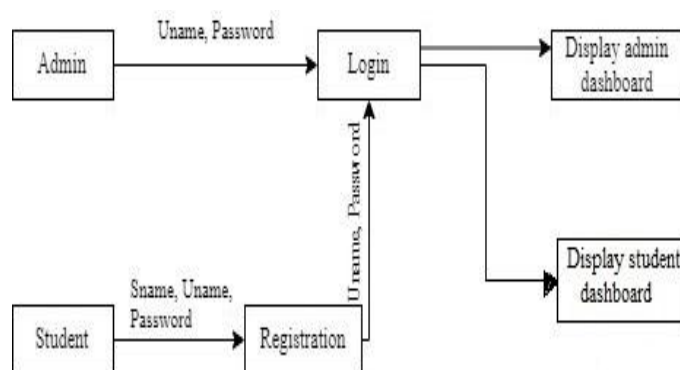

Fig 3.1: Block diagram of event management system

The web page designed having a different modules such as: Registration, Login, Event creation, Event registration, Report and Feedback. The details of each module is described in the following sections.

- **Registration page**

In this module, the user who wants to interact with the system need to register by giving the details as per the requirements specified in the web page. The user defined login name and the password will be used further to interact with other web pages such as login page, event registration and reporting.

- **Login page**

The login process is carried out separately for admin and students. The system gives facility for admin and students to login into the system by entering their respective username and the password. The system will check the input and if the login name and password are correct, it displays a message "Login Successful" and then displays the respective dashboard for the admin and user.

- **Event creation**

In this module, the admin will create the event by providing details such as event id, event name, date, time, and location of the event.

- **Event registration**

In this module, the user can select the event and register for the desired event by providing details such as event id, event name, username and usn, then the system will add information into database.

- **Report**

The admin and user can view the details of the various events along with the name of the registered users.

- **Event Feedback**

The users can send a feedback about the particular events.

4. RESULTS & DISCUSSIONS

Fig 4.1: Home page

This page contains home, login, about, contact and feedback modules.
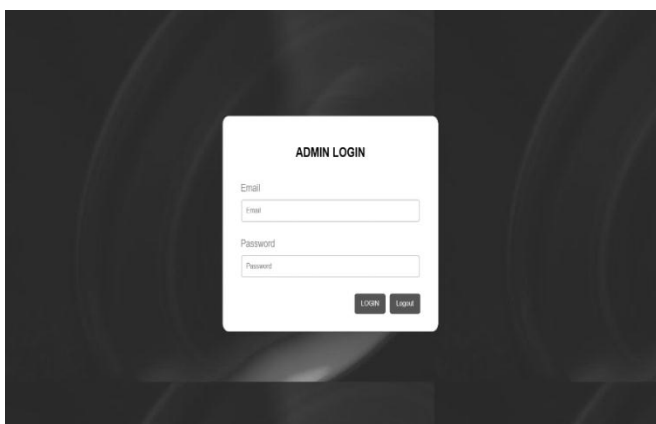
Fig 4.2: Admin login page

In this page the admin can login into the system by giving email and password credentials.
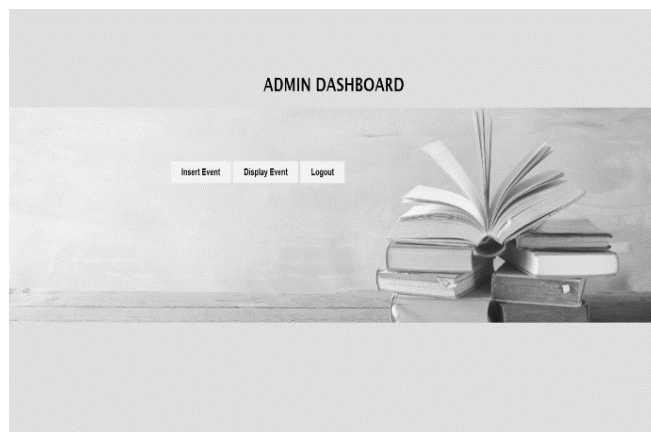
Fig 4.3: Admin Dashboard

In this page the admin dashboard contains insert event, display event, logout buttons through which admin can perform various activities.
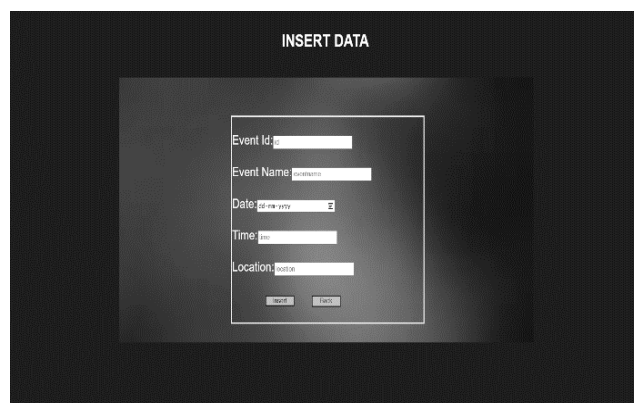

Fig 4.4: Insert event page

In this page the admin can insert the event details by giving event id, event name, date, time and location of the event.
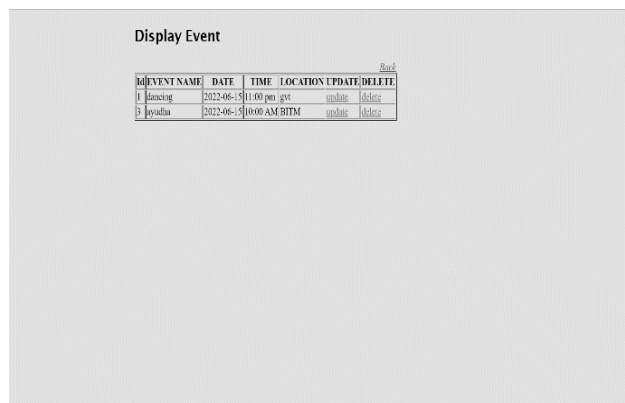

Fig 4.5: Display event page

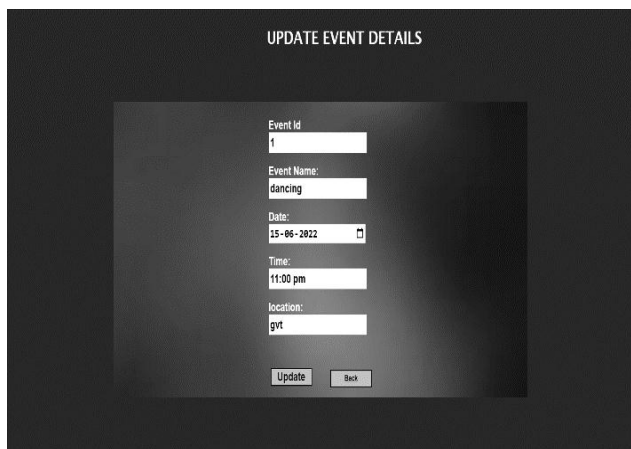In this page admin can display the event details and admin can update or delete the event details.

Fig 4.6: Update event page

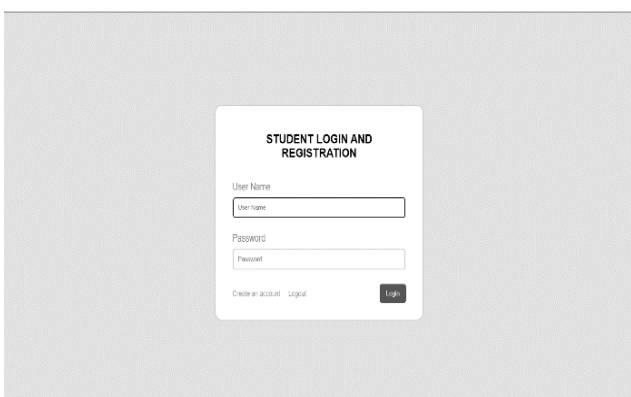In this page the admin can update the event details by modifying event credentials.

Fig 4.7: Student login page

In the page the student can login by giving the user name and password if they have an existing account.
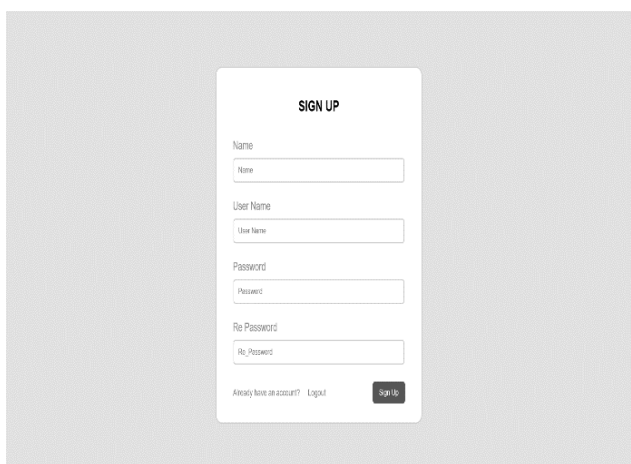

Fig 4.8: Student registration page

In this page the student can create a new account by giving name, user name, password and re-password details.
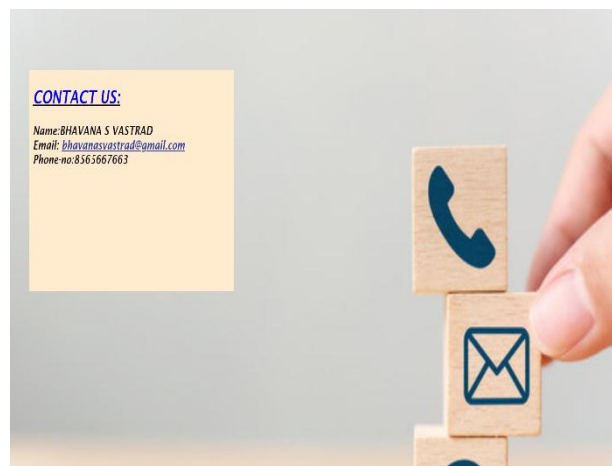

Fig 4.9: Contact us page

In this page the details of admin like name, email, and phone number are provided. So, the user can contact him at any point of query.
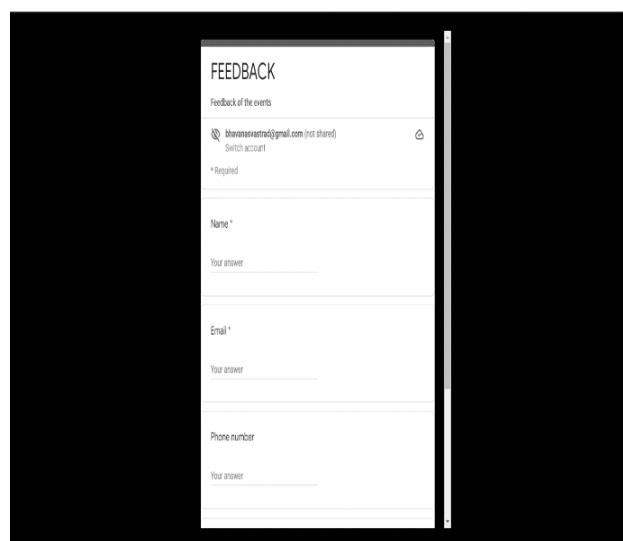

Fig 4.10: Feedback form

In this page the student can give the feedback about the events in which they have participated.

5. CONCLUSION

In this paper, a novel approach to manage all the ongoing events is developed. The proposed tool is a web page through which the user interacts by registering to each event. The web page developed generates the necessary output and also the customized reports as per the requirement of the admin and the users. This application can be used in all the educational institutions as well as

in other offices to manage the events. The tool is tested for its correctness and completeness by giving the appropriate input.

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