EVENT MANAGEMENT INFORMATION SYSTEM

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Abstract: When we talk about event management first thing that comes into our mind is how do we organize the event. Organizing an event is a tedious and time-consuming job for event management committee. Scheduling of the event plays an important role may it be any event from the scale of small to larger. The use of the web (www) has had many positive effects on education it overcomes time and space limitation in traditional schools. The purpose of making this application is to provide an easiness of finding the event schedule at one place. The user will find the technical event and cultural event schedules in one application rather to visit different web pages. The invention satisfies the foregoing needs and avoids the drawbacks and limitations and frustrations of the prior art, and provides a better, more timely and effective process of communication to schedule and coordinate events by utilizing Internet-based application. The people fail to answer the call or would be unable to check the email so this application will lead a better communication for the people about the event. This application makes it easy for the people to know the venue for the particular event held at. The invention satisfies the foregoing needs and avoids the drawbacks and limitations and frustrations of the prior art, and provides a better, more timely and effective process of communication to schedule and coordinate events by utilizing Internet-based application. This Application contains three major Users. First the admin will allow the user for accessing this application by giving the permission rights and access control. Second The college login will have a right to see the events listing and they can post their new schedule of a technical event as well. And third The End User I.e. Student, they can see the list of the events and schedule of event.

Keywords: www(world wide web), Internet-based Application, Organizing, Admin, User

I. INTRODUCTION

In the present-day scenario involving digital approach for the real-time problems, here is our first step to ease the way to carry out the Event Management Information System (EMIS) for our college fest. The primary objective of this project is to develop an application for Online Event Handling. This application has been implemented using Web Technologies and Integrated with an Admin Controlled System which enhances the complete Event Management tasks. The following are the constructive goals set to achieve through this web application minimize the manual workload by providing a digital user-friendly interface, system admin is provided with all access permission to database and system. Through a simple one-step registration, user is entitled to a wide array of information management and services at fingertips and they can view/search the list of events with their respective venues and schedule at a particular location.

The Event Management Information system is a system which will be used to implement in the institutes, where it becomes easy for the users to view, register, and vote for events conducted during the fest. This web application helps the users to register, vote for events from anywhere. The users should be first approved by the admin only then they can login to their accounts. It provides a regular flow of information for managerial decision-making and control. This project deals with registering to the events online, where students as well as the staff can view the events list and register. It tracks all the events one user has registered displays those events only in that users account in a sub module called booked events. The users complete profile as in their student id (which the college has provided), phone number can be viewed. The fields such as email id and phone number can be edited. The design and implementation of EMIS system is to replace the current paper records. The admin has the rights to block and unblock the users. The system utilizes user authentication, displaying only information necessary for an individual.
All data is stored securely on MYSQL server managed by the administrator and ensures highest possible level of security. The system features a complex logging system to track all users access and ensure conformity to data access. Previously, the college relied heavily on paper records for this initiative. While paper records are a traditional way of managing data, there are several drawbacks to this method. Paper records are difficult to manage and track. The physical exertion required to retrieve, alter, and re-file the paper records are all non-value-added activities. This system provides a simple interface for the maintenance of user’s information. It can be used by educational institutes or colleges to manage their college fest easily. All these problems are solved using online Event Management System. Overall this project of ours is being developed to help the students as well as the staff to reduce the human efforts by making the information available to everyone by making use of the on-the-go approach.

II. LITERATURE SURVEY

When we talk about college fest the key point of discussion is how the fest is managed, how the events are managed, how the events are divided, who collects the event fee, etc. The proposed system is a solution for this kind of problem which makes administration task much easy.

The basic idea behind this project is to build an application that provides a single colorful window that provides all information displayed with a creative user-interface. An on-the-go feature where the services are available 24*7.

A. EXISTING SYSTEM

A great no of people working clueless under different unorganized teams for the events. Everything manual and lacks a digital approach. No single point of contact for any information needed at times. Hectic use of paper and other materials for the events. Lack of effective campaigning and promotion activities.

Unexpected last-minute changes tending to hamper the schedule. Verification and validation mechanism is absent all through the event. Event performance judgement being monopolized and fails to take audience poll into account.

B. PROPOSED SYSTEM

Judiciously chosen teams working towards smooth functioning of the events with a common goal in clear perception. One step ahead with digital workhouse performing the tasks flawlessly controlled by administrator.

The most effective and innovative digital campaign that leads to more active participants and keeps the enthusiasm high all through. Instant notifications being sent to any unexpected changes done at the last minute. A step-by-step verification and validation performed just to ensure smooth functioning. One step registration which leads to privileges of booking/reserving services. Once logged into the portal, user can avail a host of facilities as in

- Detailed report about the events as in vectors pie charts, bar graphs, etc.
- Voting facility, previous winner, overall ranking or standing, popular votes.
- Real time instant updated, constant email updated and summary.
- Survey about the participation and feedback.
- Computer generated schedules and are displayed for user convenience.

III. IMPLEMENTATION

Implementation is also the important phase where the developing of the proposed system is based on the decisions made previously in the design and system requirement phase. Selecting the platform to implement the system also the guidelines to develop the code are also discussed in this section. The decisions made on selection of the language, code and other aspects are based on the environment the system works on. usually, the implementation consists of following steps:

- Planning
- Investigating the present system and the requirements on implementation
- Providing training for the user about the newly developed system

This is the phase of SDLC, where the theoretical System designed is turned into the actual working System. Thus, this phase is considered as the trivial phase that yields. The required results making the user confident enough about the system to use effectively.

As mentioned in the about section, the steps of the implementation phase are designed with care to achieve the expected results. There are three major decisions made on the project before implementation, they are as follows:

- platform selection.
- Selecting programming language
- Coding guidelines.

There are two modules

- Admin module
- User module
A. **ADMIN MODULE**

The admin is the authorized person to perform many functions. The primary function of admin is to approve the user by checking if the registered user is valid or not; the admin can also block or permanently delete any user when required the admin is liable for all his action. Admin is also authorized to create an event based upon the categories and can also add respective information for the same. He is also capable of scheduling the events and to start or to stop the registration for the same. Admin is permitted to view the number of participants in events by option provided. The events for which the user has booked and willing to participate is also shown in a separate option as booked events. The status of whether the fees of events has been paid or due will also be reflected in the same category. Admin is capable of pushing necessary announcements at any given instant. The announcement contains a descriptive plain text and will also be able to view the same or even delete the announcement if given as situation as such. Admin is the final authority to announce the winner list or the results of the various events and the two winners are respectively allocating points for the same.

B. **USER MODULE**

The user module involves various features user would be able to use in the application. The user firstly has to register by providing all necessary credential. Once the registration is done, there will be a request sent to admin in order to approve the user by cross verifying his credential details. Once it is verified and approved, the user will get the one-time password for the same and would be able to login to the web application using the same. As the user signs in, there would be plethora of options presented in an impressive user-friendly layout. Amongst the options are changing his password and updating the email id and contact number. The user can now view the events scheduled by getting into the respective categories and can be able to view the complete information for the same. Users are permitted to participate in events by booking with options provided. The events for which a user has booked and willing to participate his also shown in a separate option as booked events. The status of weather the fees has been paid or due will also be reflected in the booked events category, the updated of the fees status once paid is also reflected showing the same paid. The user also views the rules and regulation of all events through the rules section. The user can see the contestants participating in the voting and can select his choice and successfully cast one vote. He can as well see the contestants to who has to cast his vote. User can constantly check the live updating of score of each and every branch reflecting on the home page. Apart from all these, the user will also get the announcement done by the admin.

IV. **CONCLUSION**

The web application assists in automating the existing manual system. This is a paperless work. It can be monitored and controlled remotely. It reduces the manpower required and provide accurate information. Malpractice can be reduced. All years together gathered information can be saved and can be accessed any time. Therefore, the data stored in a repository helps in taking decisions by management. So, it is better to have a web-based system. All the stakeholders, faculty and management can get the required information without delay. This system is essential in the colleges and universities. The system is developed using web design fully met meets the objective of the system which it has been developed. The system has reached a steady state that all bugs have been eliminated. The system is operating at a high-level of efficiency and all the teachers and user associated with the system understands it's advantage. The system solves the problem. It was intended to solve as requirements specification. It is always prudent to opt for a student information system that is designed using Modern system architecture to cope with changing requirements. This system should encompass very solid information coding and distinctly outlined business application, separating the presentation of Details and my thoughts of support. The availability of a computerized student information system offers a perceptivity that provides For practical education involvement and new levels of attainment.

V. **FUTURE WORKS**

In future the work of instant messaging and further module development can be done which will make our project fully automated and also more reliable software for the event should be provided. Users would be able to book the ticket and pay for it through internet-banking facility. Also, students from other college will be given the access to participate and book the event they want to participate without manually registering for the event. Near future, Admin will upload the videos of the fest and students will be given permission to access, like and comment on it for better conduction of fest next year.

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**REFERENCES**


