

Project report and research on Online Event Management System

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Abstract: This project is an Event management portal that is implemented on a website. This project gives feature of remotely creating, removing, information retrieval, allotting tasks to different participants, etc in an event. This project is capable of providing all the important access to the admin and all the people related to a particular event. It gives Event Manager access to see participants and guest list. Also, he/she will be able to create or delete an event. This project will reduce paperwork and manpower hence creating a hassle-free way of managing an event. Every even requirement will be traceable. One would be able to collect feedback from people and improve according to that feedback. Volunteer can be invited and duties can be assigned to them also revenue collection can be monitored through this platform. The purpose of creating this project is to digitalize the processes involved in an event, also it is easy to access so one can access it anytime and anywhere and perform a manage an event. It provides most of the basic functionality required by any event manager to smoothly run the event. This is to satisfy the needs of event manager as well as participants of event. They can enter their data and register for the event. This data is then sent to administrator which in turn can contact the participants.

Keywords: Traceable, Event Management, Functionality, participant

1. Introduction

An event may be considered as a display of some events in which some guests or participants are invited for a particular time span. Events can be classified as different types like cultural celebrations, Business events like conferences and product launch and

promotions, wedding ceremony, college events and so on. Coming to an Event management System it may be regarded as a platform to manage events for event managers and portal for participants. Ethically managing an event involves identification of budget, analysis of cost and post event analysis and feedbacks. Our project is an online event management system or rather a portal in the form of a website, a portal that will help in the functionality of an event organizer as well as participants and stakeholders of the event. The project gives most of the basic requirements for an event .It provides the user a choice to select from list of event categorized under different genre. To understand use of this online portal consider the flow of actions that takes place : By this application user can register the students for participating, after registering user can login, after login one can track event details like participant's name, contact details, postal address, venue, date and time of the event, expenditures and revenue of events etc. Registration data is directly accessed and checked by event manager to arrange things accordingly with the help of site administrator. It will surely help the organizers and marketing team of the event to promote the events digitally and increase the registrations and participation to manifolds.

Also this portal is designed keeping in mind several issues that are faced by event managers in executing any event successfully.

The basic needs that should be fulfilled to organize an event are:

- Strategy
- Understanding the target audience
- Marketing and Promotion
- Itinerary Designing
- Budget Planning
- Entertainment
- Fetching the right vendors
- Revenues Generated

- Expenditure

All the above needs can be satisfied by this

There are websites and portal like ‘bookmyshow’ to

portal reducing the physical and paper work of event managers. This might prove to be a reason that portal will be implemented by managers.

2. Related Work & Background

During our research and study we as volunteers and event organizers in college events observed and tracked the problems and hustles generally faced by any event manager. The most difficult task is keeping records physically and setting registrations. After facing these issues we tried to convert things digitally and online so that things can be accessed remotely by different stakeholders in the event according to their positions and posts in particular events.

We also went through talks and interviews from some professional event managers and realized from their disposed information that most of the existing systems mentioned below in survey are insufficient to overcome problems faced by event managers and are incapable to serve organizers. They are doing good on consumer side i.e good for one who is coming to participate and enjoy the events but lack in fulfilling organizers need. Also most of them lack communication channel between managers and participants.

3. Literature Survey

Website	Reviews
www.bookmyshow.com	Booking, registering, paying for an event and information about an event.
www.vfairs.com	Creates different types of events, organizes them, virtual events available.
www.eventpro.net	A list of several vendors with their contact details
www.insider.in	It helps to book an event, get information about the event, cancel an event etc.
www.eventbrite.com	Search for events, discover new events and connect through different online events and their organizers.

book passes for events but cannot register as participants. Neither it is going to do a great good for organizers of events. In the existing system participants has to run to offices to enquire for the required events. The existing system is quite complex and manual one. Moreover Event Manager gets involved in lot of paper works and keeping records manually. As an event organizer we have been observing events closely to gather requirements and problems faced by event managers.

Companies like Cvent do business in projects related to event management and has a pretty good income in it. Many aspirants of IT and CSE dream to work in it. In brief existing physical system has following drawbacks:

- Paper Work done manually requires a lot of time and is laborious.
- Maintaining records is difficult in log run for any use in future.
- It is not safe to handle huge transactions. Mistakes in calculations can ruin the hardwork.

- Huge manpower is required before even executing event on ground

We came across it as we were once organizing a hackathon in our campus and were manager there. We came across several problems in it. Most of the students even complained that they don't come to know about the competition. Also we were not able to communicate with many participant as it was manually due to which many last minutes problems arose in our event. After all this we decided to take it up as our project and trying to inculcate several features to ease the work of such managers.

4. Proposed Work

This web-based event management system can be implemented in schools, colleges, hospitals and casual event hosting places. This project provides a huge scope of implementation as it can be used at different places with some minor changes in it. Places such as hospitals must be taken good care of as the information generated there is more crucial.

A. Modules Description

Admin Login: Admin can create, delete, modify an event. Admin can check the employees or volunteers working in an event. Admin can assign new employees.

User Login: Users can login through the login portal of this event management system website, they can gather information of an event. Users will include volunteers who are willing to work for any of the event. They could login through the portal and assign an event to them so that they could work as a volunteer.

Registration: In the registration portal users can register themselves and then can login through the login portal. Every user has to register before login and have to set a password so they could access the event management system wherever or whenever they want. Registering will save the login credentials in the database and verify every time a user login through the login portal.

Users: In the user module, users could check availability of an event, book an event, check the venue and timings of an event and various other information such as the guests, available seats, volunteer requirements and any other update regarding an event.

Volunteers: volunteers can register and login through the portal and they could check the need of volunteers in different events so they may participate or withdraw any volunteer request if they want. They can get various information about online and offline events such as venue, date, time etc.

Administrator: The administrator of the portal has the complete access to the data and can always open and close registration of an event as per the number of seats or vacancies or passes available. He or she will be able set a maximum number of entries that can be accepted. It involves understanding the brand, identifying the target audience, designing the event concept, and coordinating the technical aspects before actually releasing the event.

5. Class Diagrams

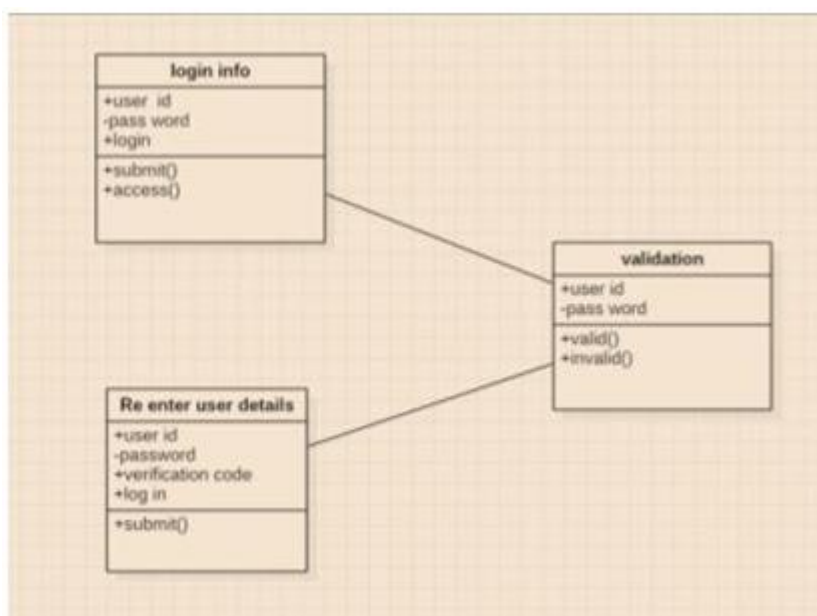


Fig. 1. Class Diagram for logins

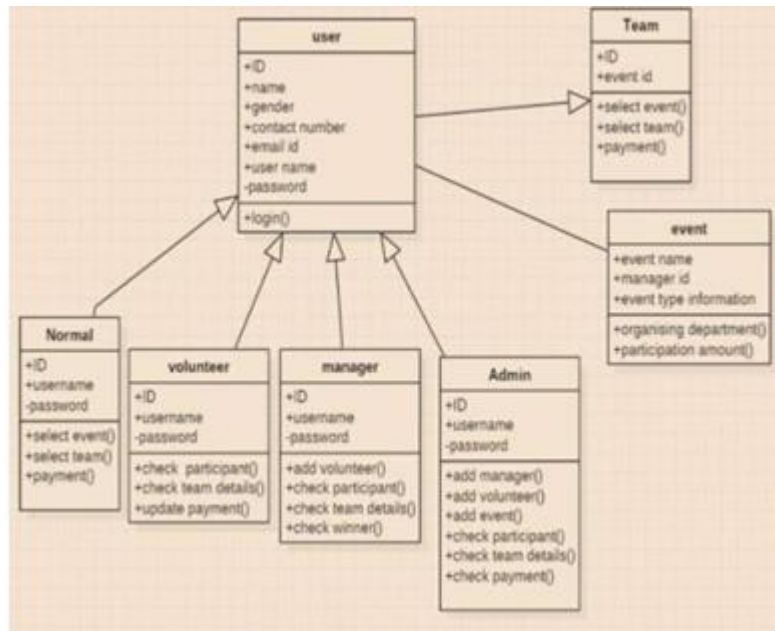


Fig. 2. Class diagram for forgot password

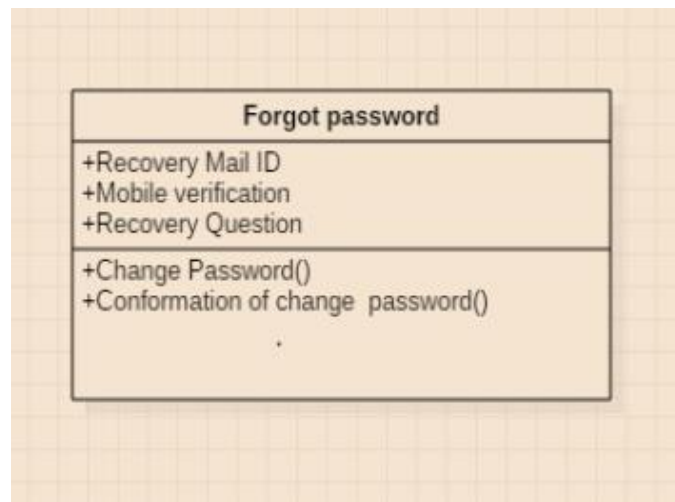


Fig. 3. Class diagram for cancellation of event

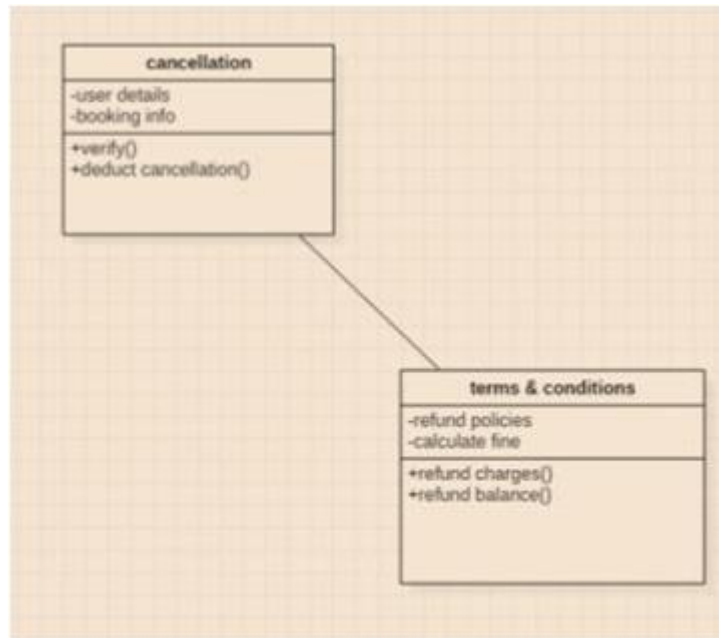


Fig. 4. Class diagram for selecting an event

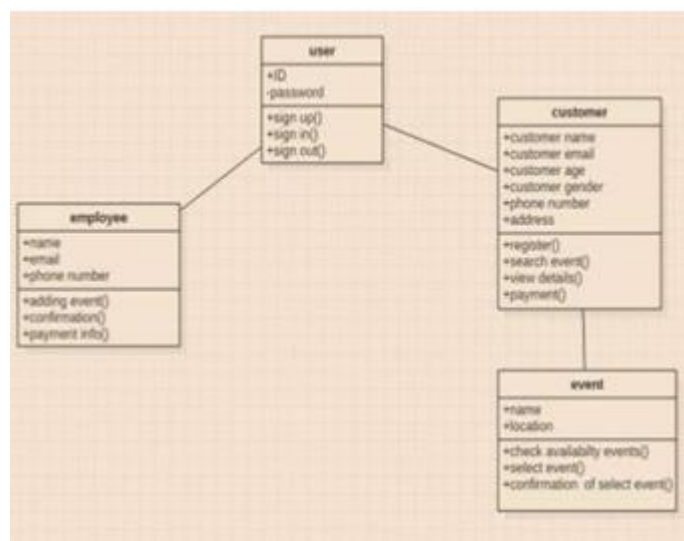
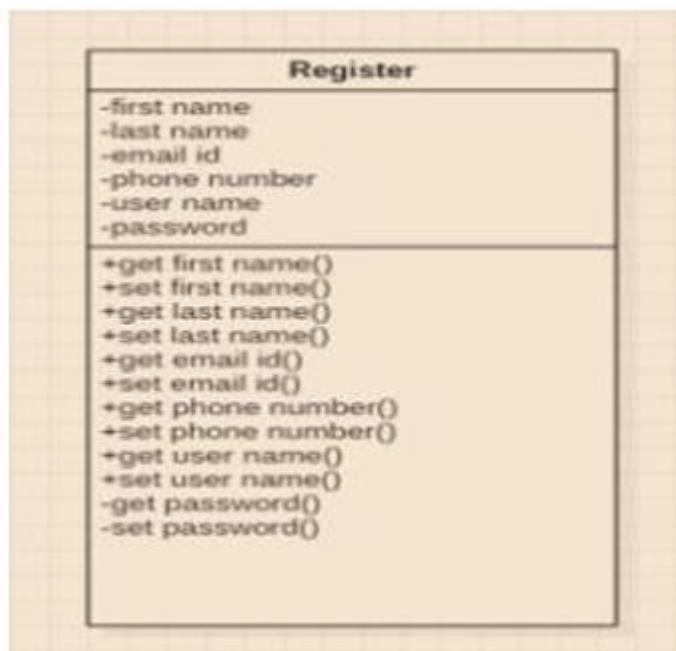


Fig. 5. Class diagram for registration



ADVANTAGES

- It saves time organizing different events.
- It helps to control the problems that usually happen in an event.
- Online data submission is secure.
- It gives real-time results.
- It saves lots of time.
- It is easy to use and fast to implement.
- It helps to check appointment of particular venue.
- Quick and easy registration for participants.
- It is web based and easy to access information from anywhere on their devices.

APPLICATION

- This project can be used in schools
- It can be used in hospitals.
- It can be implemented in colleges.
- Can be used as the management purpose and help several managers in corporate sector too
- It can be used to manage online events
- It can be used to modify an event and notify all the users.
- It can be useful in managing staff at an event and requirement analysis

6. Recommendations

The users suggest that the future researches may improve the current project. More features may also be added to the system through future researches to improve and enhance the capabilities of the system. Future researches may also create a mobile application on iOS or android due to which the system will be more easily accessible and may accommodate and support more users that use different mobile platforms. Also with more advancements and innovations in the field of themes and decorations there should be some samples that should be present on managers portal so that client can select it based on their budget and thinking. Also a new feature to keep in touch with the vendors and facilitators should be inculcated and a vendor directory should be maintained region wise.

7. Conclusion

This online event management system could be implemented at several places requiring to manage different events. This system is able to manage online events irrespective of their scale. There are several events management systems in the market and are doing good job but this project provides several other features that some event management system lacks. This event management system is quick and handy. During the research it was observed that events are a major part of a human being and several events take place on a daily basis. Lots of paper work is involved and hence lots of time and money is also wasted managing those events. There is a need for managing events digitally to reduce time and effort hence this leads us to this project and make this project more

relevant in current time. Small scale events happening in a locality are usually given less preference than events occurring on a large scale hence small-scale events may be highly benefited by this project.

This project leaves a huge scope for different types of implementation.

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