

# Event Registration System

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**Abstract:** Book Vent is a web based application which provides a user friendly environment for event booking and registration. There are three modules added: admin, organiser and participant. The organiser can add the events very easily into the system and the participant can easily subscribe to any event he/she likes. The admin monitors all the working and maintains the easy going of the system. Any event can be added in Book Vent with no boundaries of entry fee and number of minimum entries.

**Keywords:** Web based application; booking; registration; modules; admin; organiser; participant; subscribe; Monitors; no boundaries.

## I. INTRODUCTION

Book Vent is a web based application which provides a user friendly environment for event booking and registration. There are three modules added: admin, organiser and participant. The organiser can add the events very easily into the system and the participant can easily subscribe to any event he/she likes. The admin monitors all the working and maintains the easy going of the system. Any event can be added in Book Vent with no boundaries of entry fee and number of minimum entries.

## II. LITERATURE SURVEY

Due to the growing field of technology and entertainment it has become very essential for the organisers to find a way to address their customers. Therefore there are some projects developed for the same. Our team has looked into such various applications beforehand, they include the following:

- *Event Registration System: [1]*

This is one of the more popular systems in the market that has immersed which puts both event and movies for booking. The main drawback in this system is that an organiser who wants to add an event with a budget below their limit is restricted. Hence, these organisers have to search for another system.

- *Event Registration System: [2]*

This system puts out the drawback of the earlier system up to a certain extent. Even if it does help many of the organisers still there is a large number of organisers in a lower level who are not able to publish their event. Even this system becomes non friendly to user after a certain point.

We have strived to overcome the drawbacks presented in these systems such as the limit from and till an event can be added, user friendly approach and many more.

## III. PROPOSED PROJECT

The goal of the Event Management System is to make the work of the organiser and the participant easier in their respective tasks. The organiser has to first register into our site with his name and details which will be authenticated by the admin side. Once he is authenticated he will be given access to put the events online. Even the Participant will have to register with the details. Once he is login he will be able to book for the tickets. Once the ticket booking is done, the participant will get an option for the payment. After the tickets are booked the participant will get the tickets either by email or an email be given with a code which he will show at the time of event and get a ticket (the choice will be with the organiser).

User	Admin	Organiser
Events	Dashboard	Dashboard
Profile	Event	Profile
	Organiser	Event
	Feedback	Feedback

There are 3 modules in the application:

- Administrator Module
- Organiser Module
- Participant Module

- *Administrator Module*

The Admin monitors all the going of the system. Admin is basically the developer(s). All the sending and the receiving of the data is being watched and controlled by the admin. The admin has full access of the each and every part of the system.

- *Organiser Module*

The organiser is the person who hosts the events. He/she+ uploads the events on the website and gives the details about the price of a ticket and maximum number of the tickets to be sold, etc. The organiser decides whether the ticket will be sent via email or physically.

- *Participant Module*

The participant is the person to subscribe for any type of event. The participant get to choose the events by his interest.

#### IV. NEED OF EVENT REGISTRATION SYSTEM

- **Reduces the work load:** Since the users register their personal details while signing up in the website they don't need to fill up their details every time they enrol for any type of event.
- **Accurate reporting:** Reporting is also essential in organising an event. It tells you the number of attendees as well as the total expense of the event. With this feature one can know whether one has exceeded their budget or not. Furthermore, one will have an insight on the number of participants in an event.
- **Easy Registration Process:** Book Vent provides the participants to sign-up without a problem. The participant only needs to provide their Email ID and name. The rest of the details can be filled up in the update option in the profile of the user.

#### V. FUTURE SCOPE

- In Future there is a huge scope for using this website
- All the Limitations present now can be overcome ahead
- The seating arrangement system can be added further.
- The payment modules can be added through which the user can pay through net banking and cards.
- Log-In through social media options can be added in future.
- With the addition of cloud, Book Vent is surely to be made available worldwide.

#### VI. PROPOSED ALGORITHM

##### A. *User Algorithm*

1. The User first has to click on sign up to become a member of the event registration system.
2. A sign up form will appear, where the user will fill the required information in the form.
3. After filling of the sign up form, user will click on Submit button which will register the users account in the system and database.
4. The user now will click on the 'sign in' button to sign in as user to the system.
5. User needs to enter the registered mail-id and his secret password which will be verified by the system.
6. If the verification is successful then user will be signed in to the system. Now he is eligible to participate to an event through Event Registration System.
7. On clicking the profile button, he will be taken to his profile where a profile form will appear.
8. On clicking the update button the updated information will be updated in the system and database. User can update his profile whenever he feels to do so.
9. On clicking the 'details' button on that particular event, will navigate him to a page showing all the details of that event to the user. He can participate in the event by clicking on the participate button below the event description.
10. On confirmation about the participation the system will enrol his name in the participation list of that particular event as well as providing the user with a receipt of participation.

11. User can end his session or logout from the system through the sign out button provided to him. In return the system will end his session.

### B. *Organiser Algorithm*

1. An Organizer first has to click on 'Organizer Sign up' to become a part of the event registration system.
2. A sign up form will appear, where the organizer will fill the required information in the form.
3. After filling of the signup form, organizer will click on Submit button which will register the organizers account in the system and database.
4. An organizer clicks on the button to log in as organizer to the system.
5. Organizer needs to enter the username and his secret password which will be verified by the system.
6. If the verification is successful then organizer will be taken to his dashboard. Where he has options such as profile, event.
7. On clicking the profile button, he will be taken to his profile where a profile form will appear.
8. On clicking the update button the updated information will be updated in the system and database. Organizer can update his profile whenever he feels to do so.
9. On clicking the event button, he is navigated to the new page where he can see all of his events which he has added on to the system. He can add, update, and delete the events using the buttons provided to him on the event page.
10. He is able to see the no of participation participated per event.

Organizer can end his session or logout from the system through the sign out button provided to him. In return the system will end his session.

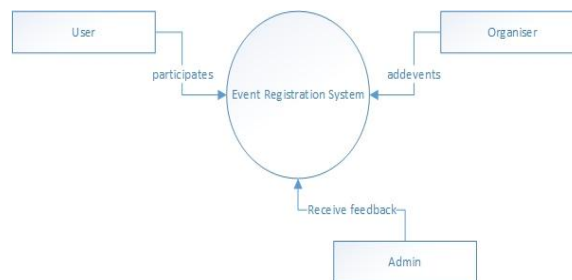


Fig: DFD Level 0

## VII. CONCLUSION

You could use a napkin to collect event registration data(not recommended) or you could use an event registration system like ours either way, you are more likely to be successful in building an audience for your events overtime when you collect attendee information for their benefit and your long term success.

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