# Mini Project

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# Event Management System

## (Synopsis)

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# Title

Online Event Management System

# Problem Statement

To design a responsive and user-friendly web application for Event Management. This web application capable to online booking of party halls for different events like birthday parties, get together party and many more.

# Motivation

This "Event Management System" has override the problems prevailing in the practicing manual system. This web application reduced the hardships faced by this existing system and removes human error. Moreover this system is also designed for the particular need of any hotel or company according to there need to carry out operations in a smooth and effective manner.

# Objective of Project

The main objective of the Project on Event Management System is to manage the details of Event, Booking, Customer, Employee, and Enquiry. It manages all the information about Event, Package, Enquiry, and Event. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the Event, Booking, Package, and Customer. It tracks all the details

about the Customer, Employee, and Enquiry. Some functionalities provided by Event Management System are as follows:

- Provides the searching facilities based on various factors. Such as Event, Customer, Employee, Enquiry
- Event Management System also manage the Package details online for Employee details, Enquiry details, Event.
- It tracks all the information of Booking, Package, and Employee etc.
- Manage the information of Booking
- Shows the information and description of the Event & Customer.
- To increase efficiency of managing the Event and Booking

## Existing System of Event Management System:

In the existing system the all booking process are done only manually but in proposed system we have to computerize the processed using this application.

Some Drawbacks of existing system-

- Lack of security of data.
- More man power.
- Time consuming.
- Consumes large volume of pare work.
- Needs manual calculations.
- No direct role for the higher officials
- Lots of Human error

# Proposed System of Event Management System:

The aim of proposed system is to develop a system of improved facilities. The proposed system can overcome all the limitations of the existing system. The system provides proper security and reduces the manual work.

- Security of data.

- Ensure data accuracy's.

- Proper control of the higher officials.

- Minimize manual data entry.

- Minimum time needed for the various processing.

- Greater efficiency.

- Better service.

- User friendliness and interactive.
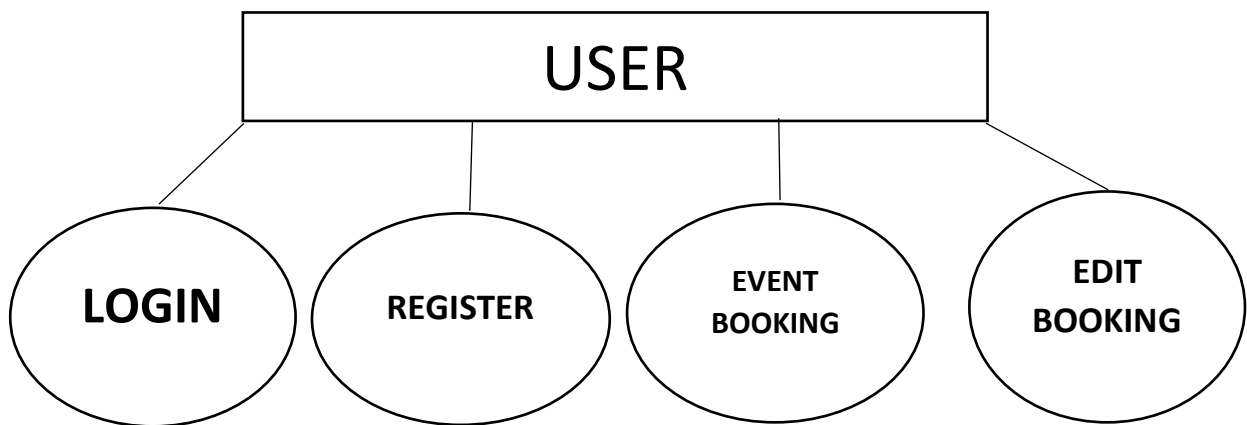
- Minimum time required.

- No Human Error

# Modules of Event Management System

- **Event Management Module:** Used for managing the Event details.

- **Enquiry Module** : Used for managing the details of Enquiry

- **Package Module** : Used for managing the details of Package

- **Booking Management Module**: Used for managing the information and details of the Booking.

- **Customer Module** : Used for managing the Customer details

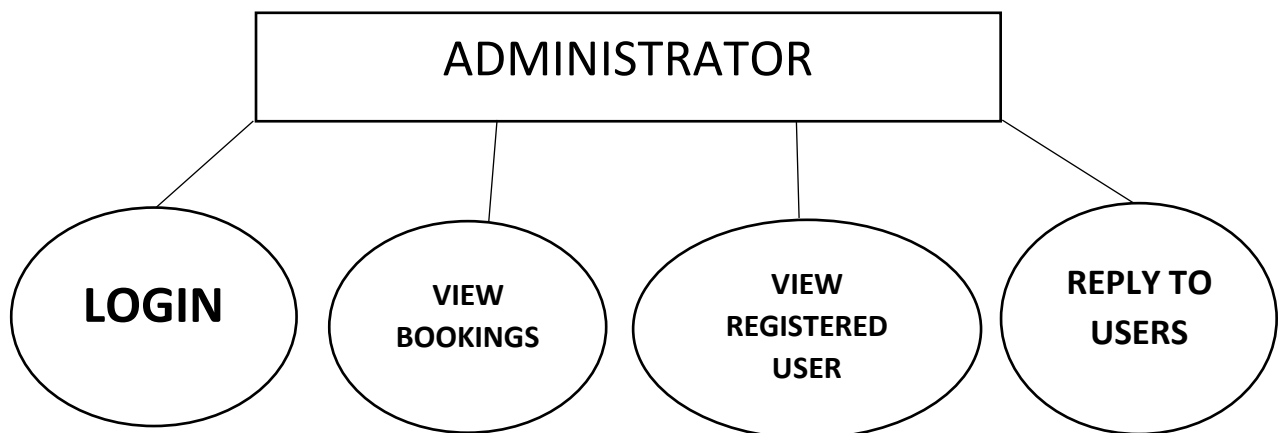- **Employee Module** : Used for managing the Employee information

- **Login Module**: Used for managing the login details
- **Users Module** : Used for managing the users of the system

# Module Description

## 1- User Module-

```
                        ┌─────────────────────────────┐
                        │            USER             │
                        └─────────────────────────────┘
```

( LOGIN )   ( REGISTER )   ( EVENT BOOKING )   ( EDIT BOOKING )

## 2- Administrator Module

```
                        ┌─────────────────────────────┐
                        │        ADMINISTRATOR        │
                        └─────────────────────────────┘
```

( LOGIN )   ( VIEW BOOKINGS )   ( VIEW REGISTERED USER )   ( REPLY TO USERS )

# Features

- User Registration/Login.

- Admin Login

- Event Selection (User may select type of event)

- Event place selection (A list of places available and associated rent is given on website to select from)

- Event equipment selection (A list of equipment's including stages, mikes, speakers lighting, seats is displayed on website to select from)

- Food Package Selection.

- Cost calculation(The final cost is calculated by adding event place, equipment and expertise cost)

- Receipt mailing (Receipt is mailed to the user)

- Access of any information individually.

- Work becomes very speedy.

- Easy to update information

# Scope of the Project

It may help collecting perfect management in details. In a very short time, the collection will be obvious, simple and sensible. It will help a person to know the management of passed year perfectly and vividly. It also helps in current all works relative to Event Management System. It will be also reduced the cost of collecting the management & collection procedure will go on smoothly.

Our project aims at Business process automation, i.e. we have tried to computerize various processes of Event Management System.

- It satisfy the user requirement

- Be easy to understand by the user and operator

- Be easy to operate

- Have a good user interface

- Be expandable

- Delivered on schedule within the budget

- The system generates types of information that can be used for various purposes.

# HARDWARE AND SOFTWARE TO BE USED:

## *Recommended Operating Systems*

- **Windows:** 7 or newer
- **MAC**: OS X v10.7 or higher
- **Linux**: Ubuntu

## *Hardware Specifications-*

- **Processor**: Minimum 1 GHz; Recommended 2GHz or more
- **Connection:** Ethernet connection (LAN) OR a wireless adapter (Wi-Fi)
- **Hard Drive:** Minimum 32 GB; Recommended 64 GB or more
- **Memory (RAM):** Minimum 1 GB; Recommended 4 GB or above
- **Clock Speed:** Minimum 2GHz

## _Software Specifications-_

## _Supported Browsers-_

- Firebox
- Google Chrome
- Internet Explorer

## _Programming Language Used-_

- **For Front End-** HTML, CSS, JQuery and Bootstrap.
- **For Back End-** PHP, Python
- **Database-** MySQL

# Future Scope of the Project:

In a nutshell, it can be summarized that the future scope of the project circles around maintaining information regarding:

- We can add printer in future.
- We can give more advance software for Event Management System including more facilities
- We will host the platform on online servers to make it accessible worldwide
- Integrate multiple load balancers to distribute the loads of the system
- Create the master and slave database structure to reduce the overload of the database queries

- Implement the backup mechanism for taking backup of codebase and database on regular basis on different servers

# <u>Conclusion of the Project Event Management System:</u>

Our project is only a humble venture to satisfy the needs to manage their project work. Several user friendly coding have also adopted. This package shall prove to be a powerful package in satisfying all the requirements of the school. The objective of software planning is to provide a frame work that enables the manger to make reasonable estimates made within a limited time frame at the beginning of the software project and should be updated regularly as the project progresses.

# <u>Bibliography</u>

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