

# Event Management

Event management system is a web portal for booking for the events.

1. **User Module** - This module is used to store data for Users. Users have to login into the system to book a ticket for an event. There are 2 types of users: Admin user and other user. Admin users can create/edit/delete events. Other users can only see a list of all events and can book tickets for a particular event. Users are created from the backend, there is no option as of now to register into the system.

## **Features of users -**

- a. Admin - Can manage Event and Booking
  - b. User - Can see list of all events, booking made by the user
  - c. To access any feature, users have to login.
2. **Event module** - Main purpose of this module is to manage the event. All events are managed by admin. Event module contains max seats available for the event, date of event, time of event and duration of event. Events can be of 2 types: Online or Offline. Events can be booked in a booking window. Event has a booking open window mentioned in the months. Booking open window duration is <no\_of\_months> prior until the actual event date (Including actual event date)

## **Features of Event Module -**

- a. Admin can manage event
  - b. Admin can edit/delete the event
  - c. Admin can see list of all events
3. **Booking Module** - Main Purpose of the Booking module is to manage the ticket booking data per user. This module is important which has been developed using python, Django, Postgresql. Users can do booking for an event by mentioning the number of seats needed. Admin User can be able to see all bookings and update any booking if needed.

## **Features of Booking module:**

- a. Admin can see list of all bookings
- b. Admin can edit/delete bookings

**Technology used in the project**

1. Python
2. Framework - Django Rest Framework
3. Database - Postgresql

**Supported Operating system**

We can configure this project on following operating system

1. Windows
2. Linux
3. Mac