

# EventEase

**EventEase** is a web-based application designed to streamline the process of organizing and managing events. Whether it's a wedding, corporate event, or concert, the system simplifies tasks like venue booking, vendor management, budget tracking, and attendee coordination. By integrating various event-related services into a single platform, the system aims to enhance efficiency, reduce human errors, and provide a seamless experience for both event organizers and attendees.

## Objective:

The primary objective of the Event Planner Management System is to provide an all-in-one platform that automates and simplifies the event planning process. This system aims to:

- ❖ Streamline communication between organizers, vendors, and clients.
- ❖ Automate routine tasks to save time and reduce errors.
- ❖ Provide real-time tracking of event progress and budgets.
- ❖ Enhance user experience through personalized event management tools.

## Modules

- Admin
- User
- Decorators
- Catering
- Entertainment

## Module Description

### 1. Admin Module

The Admin module serves as the backbone of the system, allowing event organizers, administrators, and business owners to manage the entire application with full control. Admins have access to all features, including user management, service management, and overall system settings.

#### Key Features:

- **User Management:** Admin can view, add, edit, or deactivate user accounts (both normal users and event planners).
- **Service Management:** Admins can manage decorators, catering services, dance groups, music bands, and anchoring services by adding, editing, or removing available services.

- **Event Overview:** Admins can monitor and review the events scheduled through the platform, approving or modifying event details.
- **Analytics & Reports:** The admin can access real-time reports and analytics, helping to track service usage, customer satisfaction, and revenue.

## **2. User Module**

The User module is designed for customers (individuals or businesses) looking to plan events. Users can browse available services, select their event requirements, and schedule them for their events. Users may also leave feedback and ratings for services used.

Key Features:

- **Event Creation:** Users can create new events by providing details such as date, time, location, type of event, and special requirements.
- **Service Booking:** Users can browse a list of decorators, catering services, music bands, dance groups, and anchoring services and book them based on availability and preferences.
- **Event Management:** Users can track the progress of their booked services, make changes to their events, and receive notifications on the status.
- **Payment Processing:** Users can securely make payments for services through the platform, ensuring smooth transactions.
- **Ratings and Reviews:** After the event, users can rate and review the services they used, helping others make informed decisions.

## **3. Entertainment Module**

This module manages various entertainment services, including dance groups, music bands, and anchoring, ensuring a well-rounded event experience. Key Features:

- **Performance Scheduling:** Dance groups and music bands can schedule their performance times, receive requests for their services, and update availability.
- **Service Customization:** Event planners or users can customize performances based on event type (e.g., cultural performances, corporate events, or weddings).
- **Booking Management:** Anchors and entertainment services can accept bookings, specify rates, and confirm performance details.

## **4. Decorator Module**

This module enables decorators to manage their bookings, service offerings, and client interactions for events. Key Features:

- **Portfolio Display:** Decorators can upload photos of previous work and display their decoration packages.

- **Booking Management:** Decorators can manage their availability, accept bookings, and set prices for different services.
- **Event Coordination:** Coordinating decoration themes and styles according to the event's specifications.

## 5. Catering Module

The Catering module enables caterers to manage their services, menus, and client interactions. Key Features:

- **Menu Customization:** Caterers can create and modify menu options for different types of events, including vegetarian, vegan, and non-vegetarian options.
- **Order Tracking:** Caterers can track orders, manage food preparation timelines, and ensure timely delivery.
- **Service Packages:** Catering services can create packages based on client needs (e.g., buffets, plated meals, or cocktail-style catering).

## Existing System:

In the current event planning process, users and service providers often rely on a combination of manual methods and multiple third-party platforms to plan and organize events. Event planning is fragmented across different tools for booking services, managing schedules, and handling payments, often leading to inefficiencies and errors.

- **Event Organizers and Users:** Typically rely on spreadsheets, emails, phone calls, and separate tools (like calendars, payment processors, and email clients) to manage events.
- **Service Providers (e.g., decorators, caterers, entertainment):** They often operate their own individual booking systems or manage bookings manually, which leads to difficulty in syncing with other providers and clients.
- **Coordination:** Communication between clients, event planners, and service providers is often done through multiple channels, resulting in confusion, delays, or missed information.
- **Payment Management:** Payments are handled separately by each service provider, sometimes requiring users to make multiple transactions for different services.

## Disadvantages:

- **Time-Consuming:** Multiple systems require a lot of manual effort to keep everything coordinated, increasing the chances of errors.
- **Poor Communication:** Lack of centralized communication between users, planners, and service providers leads to miscommunication and delays.

- **Fragmented Information:** No single point of access for event information (e.g., booking details, schedules, payments).
- **Difficult to Track Progress:** Event organizers face challenges in tracking the status of various event components like decor, catering, or entertainment.
- **Limited User Experience:** Users must switch between different tools and platforms to organize an event, leading to a disjointed experience.

### **Proposed System:**

The proposed **Event Planner App** offers a centralized platform where all users (admins, event planners, clients) and service providers (decorators, caterers, entertainment) can interact in a seamless environment. The app centralizes key aspects of event planning, such as booking, scheduling, payments, and service management, into one system, offering efficiency, real-time updates, and improved coordination.

- **For Users (Event Organizers):** Users can create events, book services (decorators, catering, music, dance groups, anchoring), and manage all event details within a single app.
- **For Event Planners:** Professional event planners can coordinate multiple services, schedule and track timelines for decorations, catering, and entertainment, ensuring everything runs smoothly.
- **For Service Providers:** Decorators, caterers, and entertainers can manage their availability, set prices, accept bookings, and track service requests in one place.
- **For Admins:** Admins can monitor all users and services, manage payments, track bookings, and generate reports to ensure smooth operation of the platform.

### **Advantages:**

- **Centralized Management:** All event-related services (booking, payment, schedule tracking) are in one app, eliminating the need for multiple tools.
- **Improved Coordination:** Better communication between users, planners, and service providers, reducing the risk of miscommunication and delays.
- **Time Efficiency:** Automated scheduling and booking systems reduce manual errors and save time for all parties involved.
- **Real-Time Notifications:** Users and service providers receive instant updates about booking confirmations, schedule changes, or payments.
- **Ease of Use:** Simplifies the event planning process for users by providing a single platform to manage all aspects of their event.
- **Payment Integration:** Secure, centralized payment system that allows users to pay for all services in one transaction.

## TABLE DESIGN

### 1.TBL\_ADMIN

Primary Key : admin\_id

Description : Admin Details.

Field	Type	Size	Description
admin_id	INT	--	Unique ID of Admin
aadmin_name	VARCHAR	300	Name of the Admin
admin_email	VARCHAR	300	Email of the Admin

### 2.TBL\_USER

Primary Key : user\_id

Foreign Key : Place\_id

Description : User Details.

Field	Type	Size	Description
user_id	INT	--	Unique ID of User
user_name	VARCHAR	300	Name of the User
user_email	VARCHAR	300	Email of the User
User_photo	VARCHAR	300	Photo of User
Place_id	INT	--	Unique ID of User

### 3.TBL\_DECORATORS

Primary Key : Dec\_id

Description : Decorators Details.

Field	Type	Size	Description
Dec_id	INT	--	Unique ID of Decorator
Dec_name	VARCHAR	300	Name of the Decorator
Dec_email	VARCHAR	300	Email of the Decorator
Dec_address	VARCHAR	300	Address of Decorator
Dec_contact	INT	--	Contact of Decorator
Dec_logo	VARCHAR	300	Logo of Decorator
Dec_proof	VARCHAR	300	Proof of Decorator

### 4.TBL\_CATERING

Primary Key : catering\_id

Foreign Key : Place\_id

Description : Catering Details.

Field	Type	Size	Description
Catering_id	INT	--	Unique ID of Catering
Catering_name	VARCHAR	300	Name of the Catering

Catering_email	VARCHAR	300	Email of the Catering
Catering_contact	VARCHAR	300	Address of Catering
Catering_Address	VARCHAR	300	Contact of Catering
Catering_contact	INT	--	Logo of Catering
Catering_logo	VARCHAR	300	Proof of Catering
Catering_proof	VARCHAR	300	Unique ID of Catering
Catering_status	INT	--	Status of Catering
Place_id	INT	--	Unique ID of Catering

## 5.TBL\_EVENTPLANNER

Primary Key : catering\_id

Foreign Key : Place\_id

Description : Other event Details.

Field	Type	Size	Description
eventplanner_id	INT	--	Unique ID of Eventplanner
eventplanner_name	VARCHAR	300	Name of the Eventplanner
eventplanner_email	VARCHAR	300	Email of the Eventplanner
eventplanner_contact	INT	--	Contact of Eventplanner
eventplanner_Address	VARCHAR	300	Address of Eventplanner
eventplanner_logo	VARCHAR	300	Logo of Eventplanner
eventplanner_proof	VARCHAR	300	Proof of Eventplanner
eventplanner_status	INT	--	Status of Eventplanner
place_id	INT	--	Unique ID of place

## 6.TBL\_DISTRICT

Primary Key : District\_id

Description : District Details.

Field	Type	Size	Description
District_id	INT	--	Unique ID of District
District_name	VARCHAR	300	Name of the District

## 7.TBL\_PLACE

Primary Key : Place\_id

Description : Place Details.

Field	Type	Size	Description
Place_id	INT	--	Unique ID of Place
Place_name	VARCHAR	300	Name of the Place

## 8.TBL\_EVENTTYPE

Primary Key : Eventtype\_id

Description : Event Type Details.

Field	Type	Size	Description
Eventtype_id	INT	--	Unique ID of Event Type
Eventtype_name	VARCHAR	300	Name of the Event Type

## 9.TBL\_CATRINGBOOKING

Primary Key : cateringbooking\_id

Foreign Key: catering\_id , User\_id , Place\_id

Description : Catering Booking Details.

Field	Type	Size	Description
Cateringbooking_id	INT	--	Unique ID of CateringBooking
Cateringbooking_date	INT	--	Date of CateringBooking
Cateringbooking_count	INT	--	Count of CateringBooking
Cateringbooking_budget	INT	--	Budget of CateringBooking
Cateringbooking_fordate	INT	--	Fordate of CateringBooking
Cateringbooking_status	INT	--	Status of CateringBooking
Cateringbooking_total	INT	--	Total of CateringBooking
Cateringbooking_venue	VARCHAR	300	Venue of CateringBooking
Cateringbooking_category	VARCHAR	300	Category of CateringBooking
Catering_id	INT	--	Unique ID of Catering
User_id	INT	--	Unique ID of User
Place_id	INT	--	Unique ID of Place

## 10.TBL\_FOODITEMS

Primary Key : fooditem\_id

Foreign Key: cateringbooking\_id

Description : Food Item Details.

Field	Type	Size	Description
fooditem_id	INT	--	Unique ID of Food Item
Fooditem_name	VARCHAR	300	Name of the Food Item
fooditem_amount	INT	--	Amount of the Food Item
Cateringbooking_id	INT	--	Unique ID of CateringBooking

## 11.TBL\_DECORATIONBOOKING

Primary Key : Decorationbooking\_id

Foreign Key: Eventtype\_id , User\_id , Decorator\_id , Decoration\_id , Place\_id

Description : Decoration booking Details.

Field	Type	Size	Description
Decorationbooking_id	INT	--	Unique ID of DecorationBooking
Decorationbooking_detail	VARCHAR	300	Details of DecorationBooking
Decorationbooking_date	INT	--	Date of DecorationBooking
Decorationbooking_fordate	INT	--	ForDate of DecorationBooking

Decorationbooking_budget	INT	--	Budget of DecorationBooking
Decorationbooking_status	INT	--	Status of DecorationBooking
Decorationbooking_totalamount	INT	--	Total Amount of DecorationBooking
Decorationbooking_reply	VARCHAR	300	Reply of DecorationBooking
Decorationbooking_venue	VARCHAR	300	Venue of Decoration Booking
Eventtype_id	INT	--	Unique ID of Event Type
User_id	INT	--	Unique ID of User
Decorator_id	INT	--	Unique ID of Decorator
Decoration_id	INT	--	Unique ID of Decoration
Place_id	INT	--	Unique ID of Place

## 12.TBL\_DECORATION

Primary Key : Decoration\_id

Foreign Key: Decorator\_id

Description : Decorator Details.

Field	Type	Size	Description
Decoration_id	INT	--	Unique ID of Decoration
Decoration_title	VARCHAR	300	Title of Decoration
Decoration_description	VARCHAR	300	Description of Decoration
Decoration_image	VARCHAR	300	Image of decoration
Decoration_budget	INT	--	Budget of Decoration
Decorator_id	INT	--	Unique ID of Decorator

## 13.TBL\_PACKAGE

Primary Key : Package\_id

Foreign Key: Eventplanner\_id

Description : Package Details.

Field	Type	Size	Description
Package_id	INT	--	Unique ID of Package
Package_name	VARCHAR	300	Package Name
Package_details	VARCHAR	300	Details of the Package
Package_fooditem	VARCHAR	300	FoodItems in the Package
Package_decorations	VARCHAR	300	Decorations In the Package
Package_amount	INT	--	Amount of the Package
Eventplanner_id	INT	--	Unique ID of EventPlanner

## 14.TBL\_PACKAGEBOOKING

Primary Key : Packagebooking\_id

Foreign Key: package\_id , user\_id ,place\_id

Description : Package Booking Details.

Field	Type	Size	Description
PackageBooking_id	INT	--	Unique ID of Package Booking
Package_id	INT	--	Unique ID of package



User_id	INT	--	Unique ID of user
PackageBooking_venue	VARCHAR	300	venue of Package Booking
PackageBooking_date	INT	--	Date of Package Booking
PackageBooking_fordate	INT	--	For date of Package Booking
PackageBooking_status	INT	--	Status of Package Booking
Place_id	INT	--	Unique ID of place

### 15.TBL\_CUSTOMPACKAGE

Primary Key : CustomPackage\_id

Foreign Key: EventPlanner\_id , user\_id ,place\_id

Description : Custom Package Details.

Field	Type	Size	Description
CustomPackage_id	INT	--	Unique ID of Custom Package
CustomPackage_detail	VARCHAR	300	Details of Custom Package
CustomPackage_budget	INT	--	Budget of Custom Package
CustomPackage_headcount	INT	--	Head Count of Custom Package
CustomPackage_date	INT	--	Date of Custom Package
CustomPackage_fordate	INT	--	For date of Custom Package
CustomPackage_status	INT	--	Status of Custom Package
CustomPackage_venue	VARCHAR	300	Venue of Custom Package
User_id	INT	--	Unique ID of user
Place_id	INT	--	Unique ID of place
Eventplanner_id	INT	--	Unique ID of EventPlanner

### 16.TBL\_REVIEW

Primary Key : review\_id

Foreign Key: EventPlanner\_id , user\_id , Catering\_id,Decorator\_id

Description : Review Details.

Field	Type	Size	Description
Review_id	INT	--	Unique ID of review
Review_rating	INT	--	Review rating
Review_content	INT	--	Review Content
Review_date	VARCHAR	300	Review date
User_id	INT	--	Unique ID of user
Eventplanner_id	INT	--	Unique ID of EventPlanner
Catering_id	INT	--	Status of Package Booking
Decoratior_id	INT	--	Unique ID of place

### 17.TBL\_COMPLAINT

Primary Key : Complaint\_id

Foreign Key: decorator\_id , user\_id , Catering\_id, EventPlanner\_id

Description : Complaint Details.

Field	Type	Size	Description
Complaint_id	INT	--	Unique ID of Compliant
Complaint_content	VARCHAR	300	Content of Compliant
Complaint_title	VARCHAR	300	Title of Compliant
Complaint_date	INT	--	Date of Compliant
Complaint_status	INT	--	Status of Compliant
Complaint_reply	VARCHAR	300	Reply of Compliant
User_id	INT	--	Unique ID of user
Eventplanner_id	INT	--	Unique ID of EventPlanner
Catering_id	INT	--	Status of Package Booking
Decoratior_id	INT	--	Unique ID of place