

# Application Requirements Specification For

## Event Management System

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### Purpose and Scope Statement

Event management and marketplace platform encompasses the application of strategic principles to facilitate the organization and execution of diverse events within an online platform. These events span a wide spectrum, including festivals, conferences, ceremonies, weddings, formal parties, concerts, or conventions, offered both for personal and corporate purposes. The process involves analysing brand needs, identifying the target audience, conceptualizing events, and overseeing technical aspects, ensuring seamless coordination among event creators, vendors, and attendees within the marketplace ecosystem. Involves applying principles to organize and execute various events, whether they be small or large-scale, for personal or corporate purposes.

### Requirements Narrative

#### Organiser Functions:

1. **Create Event:** Allows admins to create new events with details such as name, date, location, description, and categories.
2. **Manage Event Details:** Edit event information, including date changes, location updates, or additional details.
3. **Event Attendance Tracking:** Track and manage event attendee lists, registrations, and cancellations.
4. **Venue Management:** Facility to manage venue details, availability, and bookings for events.
5. **Event Categorization:** Ability to categorize events based on types, themes, or genres.
6. **Generate Reports:** Capability to generate reports on event attendance, revenue, or participant feedback.
7. **Social Media Sharing:** Enable admins to share event details directly on various social media platforms (Facebook, Twitter, LinkedIn, etc.) from the system's interface.
8. **Social Media Analytics:** Provide analytics on the reach and engagement of event postings across different social media channels directly within the system.

#### Attendee Functions:

1. **Browse Events:** View a comprehensive list of upcoming events, including event details, dates, locations, and categories.
2. **Register for Events:** Easy registration process for participants interested in attending an event.
3. **Manage RSVP:** Ability for participants to manage their RSVP status for events they've registered.
4. **View Event Details:** Access detailed information about specific events, including schedules, venue details, and organizer information.

5. **Event Feedback:** Provide feedback or ratings for attended events to help improve future experiences.
6. **Marketplace:** An online space to provide more options to the user to explore for the desired event.
7. **Selection of the Event:** The event can be personal, or corporates based on the need.
8. **Creating a Plan:** Based on the options wish listed by the user a plan is created with suitable quotations and options.
9. **Customizable plan:** This platform will provide user with an option to customize and share their requirements with the planner.

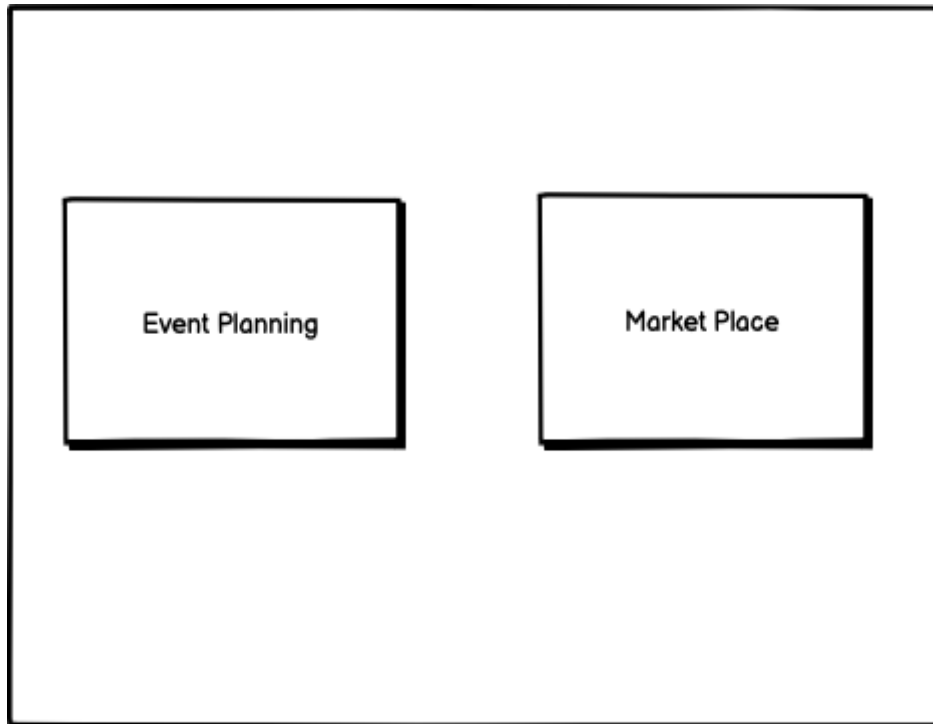
## Classes Requirement

1. **EventManagementSystem:** Main class to initiate the application and manage system-wide functionalities.
2. **Event:** Represents individual events with attributes like name, date, location, description, categories, etc.
3. **Admin:** Manages administrative functionalities such as event creation, editing, attendance tracking, venue management, and reporting.
4. **Participant:** Handles functionalities for participants, including browsing events, registration, RSVP management, feedback submission, etc.
5. **Venue:** Stores details about venues, including name, capacity, availability, and booking status.
6. **EventCategory:** Defines categories or types of events to facilitate event classification.
7. **Attendee:** Represents individuals attending events, storing their details and RSVP status.
8. **ReportGenerator:** Generates reports based on event attendance, revenue, or participant feedback.
9. **GUIManager:** Manages the graphical user interface for admins and participants.
10. **DatabaseManager:** Handles database operations for data storage and retrieval.
11. **ValidationManager:** Validates and ensures the integrity of event details, registrations, and inputs.
12. **EventFeedback:** Manages feedback provided by participants for events attended.
13. **EventScheduler:** Manages event schedules, dates, and conflicts.
14. **EventRegistration:** Handles the registration process for participants.

## Objectives

1. Provide a user-friendly interface for administrators to manage events, venues, and attendee details efficiently.
2. Enable participants to browse, register, and manage their attendance for various events seamlessly.
3. Ensure accuracy and reliability of event information, attendee lists, and venue details.

## 1. Landing Page



## 2. Login page for Event Organiser

A diagram of a login form within a large rectangular container with a black border. The form consists of three elements: a text input field labeled "Enter user Name", a password input field labeled "Password", and a "Login" button. The input fields are represented by rectangular boxes with a black border and a light gray background. The "Login" button is a smaller rectangular box with a black border and a light gray background.

## 3. Event Plan Page

Event Name	
Description of event	
Date and Time	Photography
Venue	Split Cost
Food Preference	Seat Allocation

#### 4. RSVP Page

Event Name	
Event description from Organiser	
<div> <div>+</div> <div>Attendee Details</div> </div> <div> <div>Adult</div> <div>3</div> <div> <div></div> <div></div> </div> </div> <div> <div>Children</div> <div>3</div> <div> <div></div> <div></div> </div> </div>	<div>Food Preference</div> <div> <input type="checkbox"/> Non Vegetarian         </div> <div> <input type="checkbox"/> Vegetarian         </div> <div> <input type="checkbox"/> Vegan         </div>
Any note to organiser	
Submit RSVP	

#### 5. Attendee Details Page

Attendee Details

Name of Attendee

Age

Submit another response

## 6. Guest Management Page

Event Name

No of guests

Adults

Children

☐

☐

☐

Vegetarian

Non vegetarian

Vegan

☐

☐

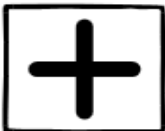
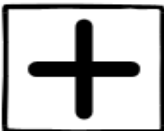
☐

Message From Guests

## 7. Budget Management Page

Event Name	
No of guests	20
Total event cost	500
Food and beverage	250
Event place	150
Entertainment	0
Decor	100
Cost on each person - 25	

## 8. Share your Moments Page

Event Name	
Thanks for coming you can share pictures here!	Event Pictures
	

## 9. Virtual Watch Page

Event Name

Event Live Link

## 10. Event Marketplace

Type of Event ▼

✓ Location

Personal

Corporate Events

Services ▼

Venue

Food

Event Planners

Others

### Functional Specifications

1. The system will have distinct interfaces for organisers and attendees, each catering to their specific functionalities and needs.
2. Organiser's functionalities will be accessible through a secure login, allowing access to event management tools and reports.
3. Attendees will have a user-friendly interface to browse events, register, manage RSVPs, and provide feedback easily.
4. Attendee would also have access to Marketplace to explore more options for the required event.
5. Both organiser and attendee interfaces will be designed for intuitive navigation and efficient data entry.

## **Scope Limitations**

1. The system will not handle financial transactions directly but may track event fees or ticket sales.
2. Advanced features like integration with external services or APIs for weather forecasts or transportation details are out of scope for this version.
3. The system will not handle venue bookings beyond displaying availability and basic information.