**Event Management App Requirements and Design**

### **Requirements**

1. **Event Charges:**
   * For events hosted during non-peak times, charges cannot exceed $50 per ticket.

### **Tech Stack**

* **Front End:** React
* **Back End:** .NET
* **Database:** MS SQL Server
* **Authentication:** OAuth
* **Payment Gateway:** Razorpay

### **App Design**

#### **App Features:**

1. **Conducting Events (Own Events):**
   * **Admin:**
     + Create and post events with details including the number of tickets available and the cost of each ticket.
     + Ensure the ticket pricing does not exceed $50 for events hosted during non-peak times.
   * **User:**
     + Browse and book tickets for available events.
     + View the 'Sold Out' status for events where all tickets have been booked.
2. **Providing Services for Other Events:**
   * **Services Offered:**
     + Arranging various types of events, such as birthday parties and weddings.
   * **User:**
     + Submit a request for a quotation for the desired event services.
   * **Admin:**
     + Review and respond to quotation requests based on availability and existing bookings.
     + Provide a detailed quotation considering:
       - Venue Type
       - Location Details
       - Food Preferences
       - Catering Instructions
       - Special Instructions
     + Approve or deny quotation requests based on the ability to manage the event.
   * **User:**
     + Review and validate the provided quotation.
     + Accept or reject the quotation.
     + If accepted, proceed with payment initiation.
     + Once payment is completed, the event is created and scheduled.
     + Post-event completion, provide reviews and feedback.
   * **Admin:**
     + Plan and manage events efficiently using Calendar JS for a visual calendar view.

### **Additional Features:**

* **Notifications:**
  + Automatic notifications for users if payment is not completed after accepting a quotation.
* **Reviews:**
  + Feature for users to provide reviews and feedback after the event is completed.