

# Event Management System – ER Diagram

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This system manages **events, venues, sessions, attendees, tickets, sponsors, and feedback.**

One event → many sessions, attendees, sponsors

One attendee → many events & sessions

## Event

- Central entity of the system
- Stores event details: name, type, dates, budget, revenue
- Connected to sessions, venues, attendees, sponsors, tickets, and feedback

## Venue

- Physical place where events are hosted
- Stores location and capacity
- A venue can host many events over time

## Session

- Smaller parts of an event (talks, workshops)
- Each session belongs to **one event**
- Has its own start and end time

## Attendee

- Person attending events
- Stores ticket type and payment status
- Can attend multiple events and sessions

## **Sponsor**

- Organizations supporting events
- Classified by sponsorship level (Gold, Silver, etc.)

## **Ticket**

- Proof of purchase
- Links attendee and event
- Tracks price, seat number, sales channel, and discounts

## **Feedback**

- Reviews and ratings given by attendees
- Linked to both attendee and event
- Used to evaluate event quality

## **Event\_Venue**

- Connects events and venues
- Handles venue booking
- Prevents scheduling conflicts

## **Event\_Attendee**

- Tracks which attendee attended which event
- Resolves many-to-many relationship

## **Session\_Attendee**

- Tracks attendee participation in sessions

## **Event\_Sponsor**

- Links sponsors and events
- Stores sponsorship amount and agreement details

**ER Diagram:**

