**DATABASE PROJECT**

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PROJECT NAME: EVENT MANAGEMENT SYSTEM

DATABASE DESIGN FOR

EVENT MANAGEMENT SYSTEM

The purpose of an Event Management System (EMS) is to streamline the planning, organization, and execution of events, ensuring efficiency, effectiveness, and a positive experience for all stakeholders involved. Creating a database design for an Event Management System involves defining the tables, their relationships, and the overall structure to efficiently handle various aspects of event planning and management. Below is a comprehensive overview of the database design, including tables, attributes, and relationships.

**Data Insertions**

The script includes various INSERT statements to populate each table with initial data:

* **Organizer Data**: Information about the organizers.
* **Event Data**: Details of the events along with their associated organizers.
* **Participant Data**: Information about the participants.
* **Event Participants Data**: Links between events and participants.
* **Ticket Data**: Ticket prices and the corresponding events.
* **Venues Data**: Venue information associated with events.
* **Sponsorship Data**: Details of sponsorships for events

Entities

Organizer

Event1

Participant

Event participants

Ticket

Venues

Sponsorship

**RELATIONSHIPS**

Organizer to Event (One-to-Many)

Event to Event Participants (One-to-Many)

Participants to Event Participants (One-to-Many)

Event to Ticket (One-to-Many)

Event to Venues (One-to-Many)

Event to Sponsorships (One-to-Many)

Entities and Attributes

**Organizer**

Organizer id

Organizer name

Contact info

**Event1**

Event id

Event name

Event date

Location

Organizer id

**Participants**

Participant id

Participant name

Contact info

**Event participants**

Event id

Participant id

**Ticket**

Ticket id

Event id

Ticket price

**Venues**

Venue id

Venue name

Address

Capacity

Contact info

Event id

**Sponsorship**

Sponsor is

Event id

Sponsor name

Sponsorship amount

Events

**conduct**

Organizer

i

Ticket

**has**

Event participants

Venues

**from**

participants

Sponsorship

