***ANUDIP FOUNDATION***

A Project Report on

**EVENT MANAGEMENT SYSTEM**

By

Batch: ANP-D0453

Student ID: AF0477058

Name: Mayuri Shriniwas Samal

**Under the Guidance of**

Mrs. Rajshri Chandrabhan Thete

**EVENT MANAGEMENT SYSTEM**

The **Event Management System (EMS)** is a comprehensive solution designed to simplify and streamline the process of organizing various types of events. It automates key tasks such as scheduling, venue selection, assigning organizers, registering attendees, and managing vendors.

By reducing manual efforts and minimizing errors, the system ensures that event planning and execution are smooth and efficient. All event-related information is stored in one place, allowing easy access for updates and decision-making.

The system allows event organizers to easily add, update, view, and delete event information while maintaining detailed records of venues, organizers, attendees, and vendors. This centralized approach ensures that all event-related data is stored securely and can be accessed quickly whenever needed.

By offering a structured and organized way of managing events, the Event Management System saves time, improves efficiency, and contributes to the successful execution of events.

Overall, the Event Management System enhances the efficiency of event planning, making the process faster, more organized, and hassle-free.

**ENTITIES**

1. Event
2. Venue
3. Organizer
4. Vendor
5. Attendee

**ATTRIBUTES**

1. **Event**

* E\_id (Primary key)
* E\_title
* E\_Type
* E\_DateTime
* E\_Time
* V\_Id (Foreign key)
* O\_id (Foreign key)

1. **Venue**

* V\_id (Primary key)
* V\_Name
* V\_Address
* V\_Contact
* V\_Owner

1. **Organizer**

* O\_id (Primary key)
* O\_Name
* O\_Address
* O\_Email
* O\_Role

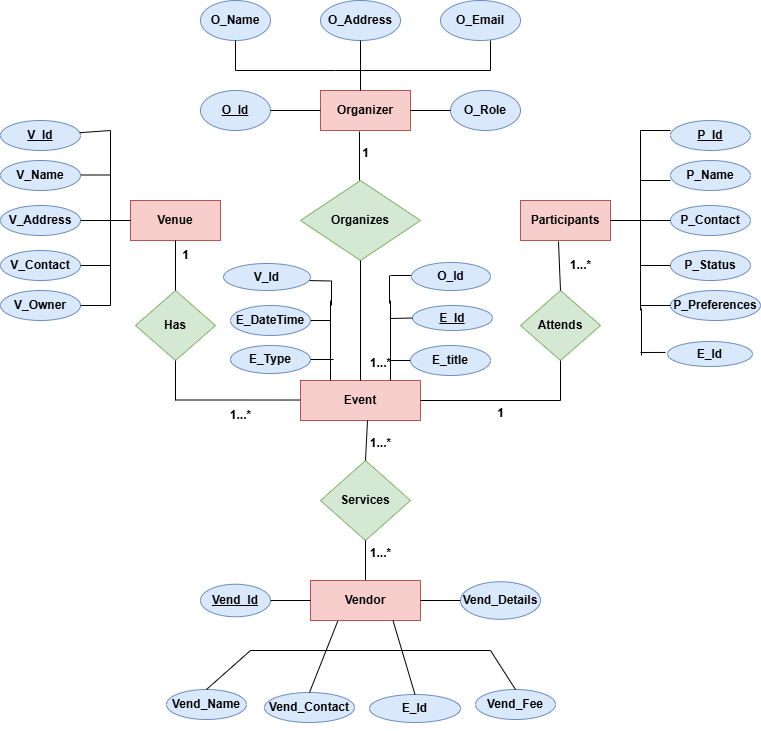
1. **Vendor**

* Vend\_Id (Primary key)
* Vend\_Name
* Vend\_Contact
* Vend\_Fee
* Vend\_Details
* E\_Id (Foreign key)

1. **Participants**

* P\_Id (Primary key)
* P\_Name
* P\_Contact
* P\_Status
* P\_Performance
* E\_Id (Foreign key)

**ENTITY RELATIONSHIP DIAGRAM**



**CONCLUSION**

In conclusion, the Event Management System (EMS) provides a reliable and efficient solution for managing various types of events with ease. It simplifies the complex process of event planning by automating tasks such as managing event details, assigning venues and organizers, tracking attendees, and coordinating with vendors. By centralizing all event-related information, the system reduces errors, saves time, and enhances overall productivity.

The system's ability to handle multiple operations ensures smooth execution and better communication between all stakeholders involved in the event. It also offers valuable insights through reports that help in evaluating the success of events and improving future planning. Overall, the Event Management System significantly improves event organization, ensuring seamless operations and contributing to the success of any event.

**DATABASE CREATION QUERY:**

mysql> CREATE TABLE Organizer (

-> O\_id INT PRIMARY KEY,

-> O\_name VARCHAR(255),

-> O\_Addess VARCHAR(255),

-> O\_Email VARCHAR(255),

-> O\_Role VARCHAR(255)

-> );

Query OK, 0 rows affected (0.16 sec)

mysql> CREATE TABLE Venue (

-> V\_id INT PRIMARY KEY,

-> V\_name VARCHAR(255),

-> V\_Addess VARCHAR(255),

-> V\_Contact VARCHAR(20),

-> V\_Owner VARCHAR(255)

-> );

Query OK, 0 rows affected (0.03 sec)

mysql> CREATE TABLE Event(

-> E\_id INT PRIMARY KEY,

-> E\_Title VARCHAR(255),

-> E\_Type VARCHAR(255),

-> E\_DateTime VARCHAR(255),

-> O\_id INT,

-> V\_id INT,

-> FOREIGN KEY (O\_id) REFERENCES Organizer(O\_id),

-> FOREIGN KEY (V\_id) REFERENCES Venue(V\_id)

-> );

Query OK, 0 rows affected (0.13 sec)

mysql> CREATE TABLE Participants(

-> P\_id INT PRIMARY KEY,

-> P\_name VARCHAR(255),

-> P\_Contact VARCHAR(20),

-> P\_Status VARCHAR(20),

-> P\_Preferences VARCHAR(20),

-> E\_id INT,

-> FOREIGN KEY (E\_id) REFERENCES Event(E\_id)

-> );

Query OK, 0 rows affected (0.06 sec)

mysql> CREATE TABLE Vendor (

-> Vend\_id INT PRIMARY KEY,

-> Vend\_name VARCHAR(255),

-> Vend\_Contact VARCHAR(20),

-> Vend\_Fee VARCHAR(20),

-> Vend\_Details VARCHAR(255),

-> E\_id INT,

-> FOREIGN KEY (E\_id) REFERENCES Event(E\_id)

-> );

Query OK, 0 rows affected (0.08 sec)

**Tables\_in\_event\_mgt\_system**

mysql> show tables;

+----------------------------+

| Tables\_in\_event\_mgt\_system |

+----------------------------+

| event |

| organizer |

| participants |

| vendor |

| venue |

+----------------------------+

5 rows in set (0.01 sec)