**Event Management System - Word Dictionary**

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| Term | Definition | Data Type |
| Administrator | A user with the highest privileges who can create, manage, approve, and cancel events. | String |
| Attendee | A user who registers for and participates in events. | String |
| Approval | The process where an Administrator reviews and confirms an event submitted by an External Event Organizer before publishing. | Boolean |
| Cancel Event | The action of removing an event from the system, making it unavailable for attendees. | Boolean |
| Create Event | The process of defining an event with details such as title, date, venue, and eligibility. | String |
| Database | The storage system where all event details, user data, and media files are maintained. | Object |
| Duplicate Event | An event that has identical details (name, date, venue) to an existing event, which the system prevents from being published. | Boolean |
| Eligibility Criteria | The conditions that must be met for a user to register for an event. | String |
| Event | A scheduled seminar, competition, or workshop that users can register for. | Object |
| Event Details | Information about an event, including its name, description, time, location, and eligibility requirements. | String |
| Event Rating | A feedback system where attendees can provide reviews and scores for past events. | Float (1.0 - 5.0) |
| External Event Organizer | A user who can submit events for approval by an Administrator. | String |
| Login | The process where a registered user accesses their account using credentials. | Boolean |
| Media Upload | The process of adding images, videos, or documents related to an event. | File |
| Metadata | Information stored about media files, such as file name, upload date, and associated event. | Object |
| Notification | A system message that informs users about new or updated events. | String |
| Pending Approval | The status of an event that has been submitted by an External Organizer but not yet approved. | Boolean |
| Publish Event | The process of making an event live and available for registration. | Boolean |
| Register for Event | The process where an attendee signs up for an event. | Boolean |
| Registration Limit | The maximum number of attendees allowed for an event. | Integer |
| Reschedule Event | The action of changing an event’s date and/or time. | DateTime |
| Session | A logged-in user's active interaction with the system. | String |
| System Failure | A scenario where the system is down or unable to process user actions. | Boolean |
| Unregister from Event | The process where a registered user withdraws from an event. | Boolean |
| Upload Event Media | The process of adding images, videos, or related documents to an event page. | File |
| User Role | The category a user belongs to, such as Administrator, External Event Organizer, or Attendee. | String |

**Data Structures:**

**1.Attendee** = {

UserID: Integer,

Name: String,

Email: String,

PhoneNo: Integer,

Password: String,

Position: String

}

**2.Administrator** = {

AdminID: Integer,

Name: String,

PhoneNo: String,

Password: String

}

**3.External\_Event\_Organizer** = {

ID: Integer,

Name: String,

Department: String,

Password: String

}

**4.Event** = {

EventID: Integer,

Hosts: String,

Speakers\_Name: String,

Venue: String,

Date: String, // YYYY-MM-DD Format

Max\_Participants: Integer

}

**5.Registration** = {

Registration\_Id: String,

AttendeeID: Integer,

EventID: Integer,

Pending\_Status: Boolean

}

**6.Media** = {

MediaID: Integer,

EventID: Integer,

Photos: String, // Path to PNG file

Videos: String, // Path to MP4 file

Details: String }

**7.Rating** = {

RatingID: Integer,

EventID: Integer,

AttendeeID: Integer,

Ratings: Float, // Range: 1.0 - 5.0

Comments: String

}