

# Event Management System

PRESENTATION BY GROUP 16  
MADE FOR NITC AS PART OF DBMS COURSE  
PROJECT

January 3, 2021

## TOPICS

- Why Event Management System(EMS)?
- Need and Scope of EMS in our College
- Project Roadmap
- Purposes Served
- Key App Features
- ER and Relational Schema
- Serving the End-User (Student Community)
- Serving the Client (Event Organizer)
- Serving a Database Administrator (DBA)
- Know the Team

# Crucial Talking Points

# Why Event Management System (EMS)?

- The Event management System for NITC is a web based application to facilitate an easy and seamless platform to unify the processes of registration, advertising and tracking of all the events conducted in NITC on a club level.
- It provides a platform for the students to know and participate in the events going on in the institute.

# Need and Scope of EMS in our College

- Our college has a plethora of technical and cultural events, informative webinars etc., going on week in week out.
- Students miss out on interesting events due to lack of awareness on what's happening in the Campus.
- This project mainly consolidates all the events at one place, for the students to view and plan their schedules accordingly.

# Project Roadmap

## DESIGN OF THE DATABASE

The Entity Relationship Diagram and the Relational Database Design of the Database was completed.

## IMPLEMENTATION

The required features were implemented using the database design and the earlier drafted documents.

## TESTING AND UPDATION

The Implementation was tested for errors and bugs were fixed accordingly.

# Purposes Served

## ANNOUNCEMENTS

This project enables all the Department Associations like CSEA, MEA, Technical & Cultural Clubs, and Social Initiatives like NSS to post all their events on a unified platform for students to view.

## EASE OF SCHEDULING

This enables the organizing team to schedule the event accordingly, in order to avoid clashes between two events

## EVENT OUTREACH

The organizing teams of the respective events are the biggest benefactors, as the word of their event reaches out to the entire student community.

## ACCESSIBILITY

The organizing team can post their event with the required details, and the event will be open to the students to register. Students can easily view and register for the event of their choice.

# Key App Features



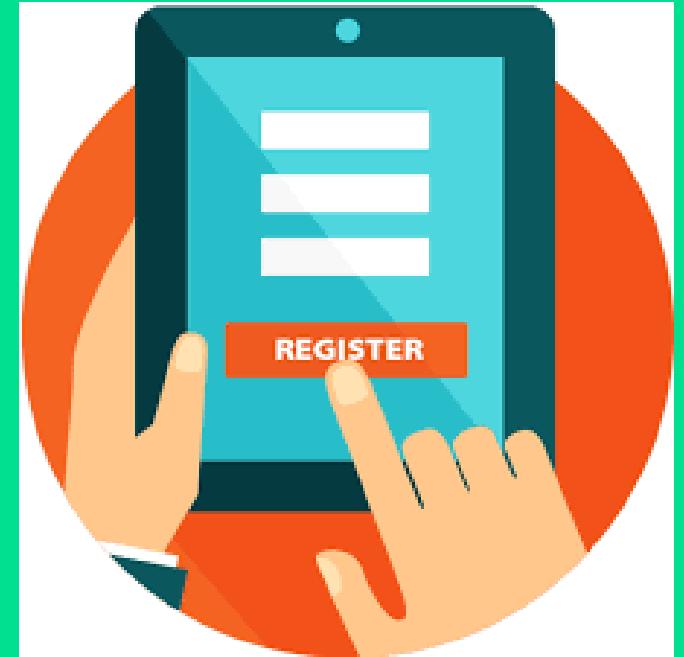
Provides a secure database of stakeholders containing the login credentials and personal information.



Provide full event management stack access to the organizing committee.

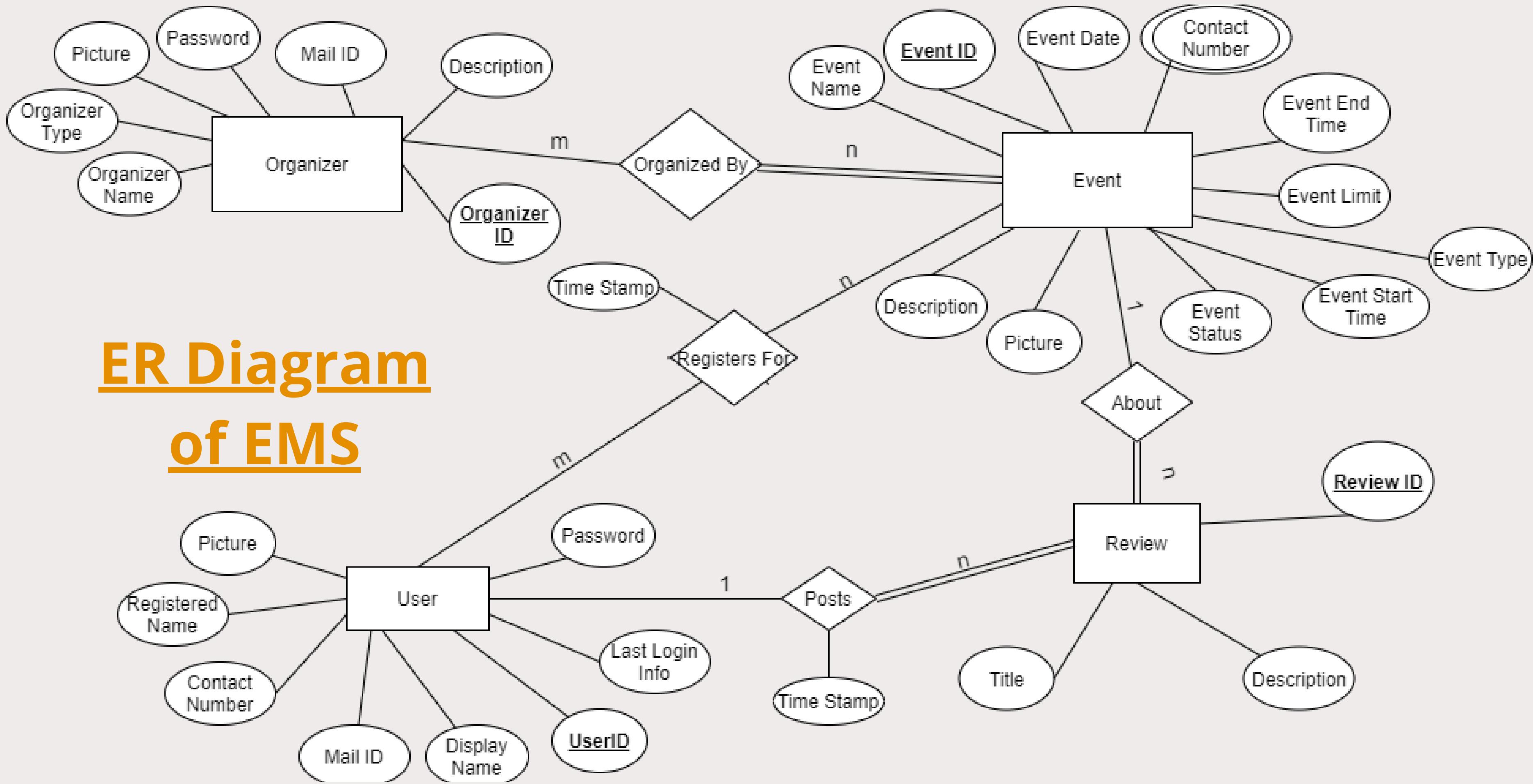


Simple Interface for easy and reliable interactivity.

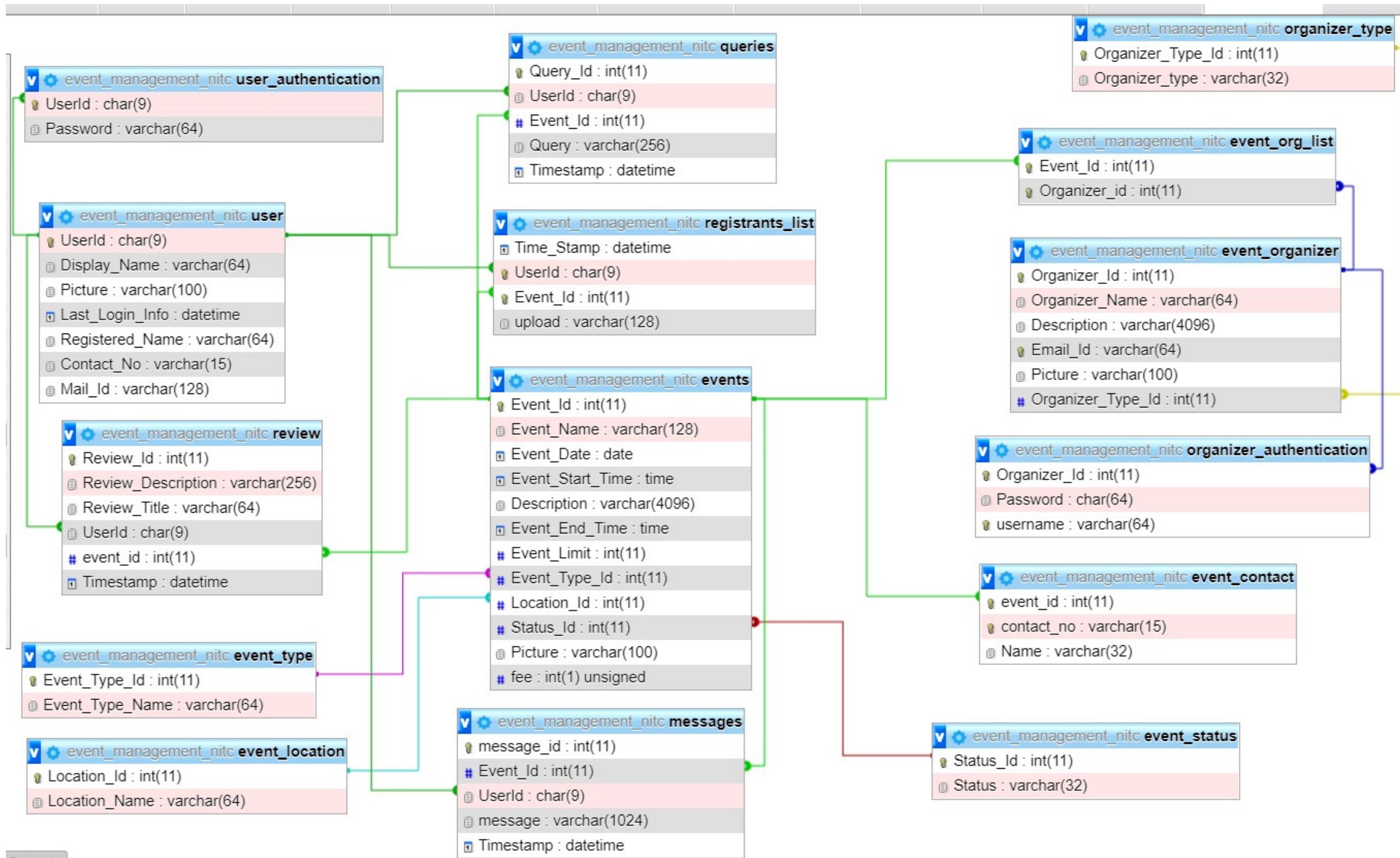


Unified Platform for streamlining Registration Process for Users,

# ER Diagram of EMS



# RELATIONAL SCHEMA OF EMS



# Serving our End Users

(STUDENT COMMUNITY)

## Functionalities

### Served to the User

#### EVENT REGISTRATION

Allow a user to view and register for an event he finds informative and appealing and can ask queries to the Organizer if any.

#### REVIEW AN EVENT

Can post reviews and read reviews on events posted by fellow other users.

#### KNOW THE EVENT SCHEDULE

Allows the User to know about all the events ongoing in the campus and also filter events by date.

#### EVENT DASHBOARD

Displays all the events that the user has participated in so far.

#### MANAGE PROFILE

Complete Profile management from having a profile picture to editing display name and other details.

#### KNOW ABOUT THE ORGANIZERS

Allows the User to know about all the student constituted bodies.

# Serving our clients

EVENT ORGANIZERS IN OUR CASE

# Functionalities Served to the Organizer

## COMPLETE EVENT MANAGEMENT SYSTEM STACK

Allow an Event Organizer to perform all CRUD operations on an Event, add collaborating organizers, and address queries.

## KNOW THE OPINION

The Event Organizer can view all the reviews of a particular event.

## KNOW THE EVENT SCHEDULE

Allows the Organizer to know about all the events ongoing in the campus and also filter events by date.

## EVENT DASHBOARD

Displays all the events that the organizer has hosted so far.

## MANAGE PROFILE

Complete Profile management from having a profile picture to editing display name and other details.

## RETRIEVE REGISTRANTS LIST & FEE RECEIPTS

The Organizer can retrieve the details of all the registrants of a particular event in a desirable csv format and Fee Receipts in zip file.

# Serving the Database Administrator

## COMPLETE ACCESS

Complete control over data of the entire web application.

## STACK ACCESS

Complete access on Event, User and Organizer Stacks

## PASSWORD RESETS

Can reset passwords for both User and Organizer Logins.

## MODERATE REVIEWS

Can delete reviews which violate the Community Guidelines.

## SQL QUERY

Allows to tap into the complex queries of the Database by writing their own SQL query.

# Meet The Team



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