

DBMS Mini Project
Event Management System (EMS)
I.MTech V, MCA III semester, 2022

Problem Statement:

Event management system where admin can upload details of upcoming events and a user can view events available and book tickets.

Detail Description:

- Simple user interface will be there for user as well as admin.
- Login credentials should decide whether the person is user or admin.
- Admin can upload city wise event information. Event upload form should contain fields such as city name, event category (i.e., comedy show, motivational talk, festival celebration, exhibitions, blood donation camps, etc.), event date and time, total seats and no. of available seats, ticket price.
- User can only access event information.
- Once the user selects the city it should display the category of events in that particular city to the user.
- Once the user selects the category, the portal should display the upcoming event details i.e., date, available shows and their timings, availability of tickets and ticket price.
- Users should be able to select the show & book the tickets.
- Once user clicks on book ticket, status field in “event ticket booked details” will change to booked and available seats will be decremented by 1 (or no. of tickets that user books).
- Above all this, the first page should have Login form with two fields - username and password. These credentials would determine the authenticity and authorization.

Database Details:

Database (EMS) should contain the following tables.

- First table to store Event details (City name, event category, event date, event time, total seats, available seats, ticket price).
- Second table to store user credentials.
- Event ticket booked details (city name, event name, date, time, user name, ticket no, status)

Technical Requirements:

1. Install WAMPP (for windows)/LAMPP (for Linux) or XAMPP (for both) to make local server.
2. In this local server, create your database and various tables, usually through phpmyadmin UI, available with XAMPP, WAMPP and LAMPP.
3. For frontend: HTML, CSS, Javascript, etc. can be used.
4. For server side scripting, PHP or python (Django, Flask) or JSP or any other server side scripting language can be used.

Submission Details:

- ✓ The student has to work in the project independently using his/her own laptop.
- ✓ On the submission date, the student is required to present the work he/she has done.
- ✓ During the presentation, the student may be asked to modify the content.
- ✓ The submission is on 07.11.2022 and 09.11.2022.

For any queries:

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