Database Management Systems Lab

Assignment 1: Database Design - ER Diagram

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Problem Statement: University Festival Management System

The goal of this project is to design an information system for a Techno-Cultural Festival to be held in a university. The festival will be attended by students from the host and other universities. There will be a number of events in the festival like, talks, competitions, hackathons etc. Depending on the event type, these events will have guest speakers, participants, evaluators, sponsors etc. There will be prizes associated with the competitive events.

The events will be held in multiple venues with varying capacities. Various infrastructure like, audio-visual, computer terminals will be required in these venues. Participants will register for particular events. The organizing team will have students and officials in various capacities and responsibilities who will manage these events. There might be corporate entities who will sponsor the festival to various extents.

We want to build a database of the information system of the festival. The system will have many categories of users who will both enter and retrieve data from the system using a web based interface.

Deliverable:
Draw an Entity-Relationship Diagram to model the information related to the event. Submit it in moodle as a single pdf file. You may use ER diagram charting softwares.

Submission Details:
Individual submission within a deadline of January 21, 2024, midnight.