

Database Management Systems Laboratory  
Assignment 1: Database Design – ER Diagram

Prasanna Paithankar | 21CS30065

ER Diagram for University Festival Management System

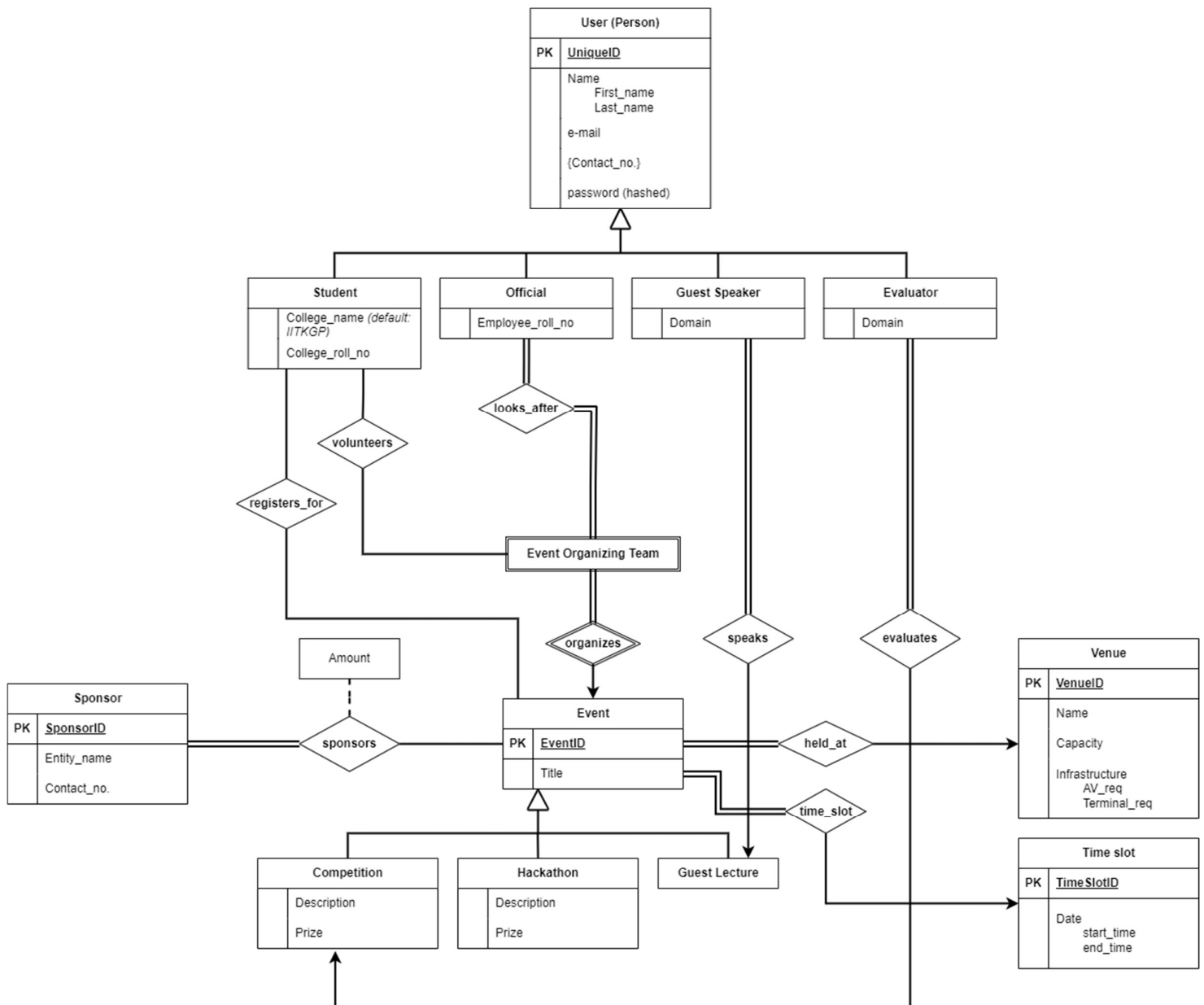


Figure 1: ER diagram

**Design aspects:**

Entity sets (the attributes have not been included in here):

1. Users (disjoint specialization)
  - a. Student
  - b. Official
  - c. Guest speaker
  - d. Evaluator
2. Event (disjoint specialization)
  - a. Competition
  - b. Hackathon
  - c. Guest lecture
3. Venue
4. Time slot
5. Sponsor
6. Event organizing team (weak, dependent on event)

**Notation:** Standard notational constructs, as in the course slides