

Logical Database Design Problem - Basketball

You have been asked to design a database to assist the commissioner of the GSC in scheduling and reporting men's basketball games. In particular you will be storing the names and addresses of all of the head coaches and players in the conference and the schedule of which team plays which other team when and where. You will also need to keep up with the final score for each game. The idea is to be able to send each player and each head coach a detailed schedule of when and where the games will be before the season starts, and then to send a report of the outcomes of the games to these same people when the season is over.

- a. Draw the ERD, showing max and min cardinalities and naming all entities and relationships.
- b. Give the normalized relations, indicating the keys, which will suffice to store the data for this application. Use the same format as was used for the previous homework problems.