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SQL Training

Lesson-End Project Problem Statement



**Cricket Team Model**

**Problem scenario:**

You are working as a junior DBA for a gaming company that is looking for a DB design to capture the scenario that models cricket teams, the games they play, and the players in each team.

**Objective:**

The objective is to design an ER diagram that capture the following:

1. A set of teams, where each team has an ID (unique identifier), name, main stadium, and city it belongs.

2. A team has many players, and each player belongs to only one team. Each player has a ID (unique identifier), name, DoB, shirt number and year of start.

3. Each match will have a date, final result, city (where match was played)

4. Each match has exactly one umpire. Each umpire has an ID (unique identifier), name, DoB, years of experience.

**Note:** You can state any assumptions that affect your design.

**Task to be performed:**

With the concepts and notations of entities, attributes, and relationships, create an ER diagram that incorporates all the above-mentioned scenarios into a single model.