Instructional Scenario
Using a Database to Track a Team's Statistics

Course/Duty Area: Computer Information Systems/ Developing and Managing Databases

Scenario:
You work for a professional sports team, and you are tasked with creating a database to keep track of player information, schedules, results, and team statistics.

Big Question:
How do you plan and manage a database to manage sports team data?

Focused Questions:

- How do you create and edit tables to store player information and team statistics?
- How do you identify the primary key of each table?
- What field properties need to be changed to ensure data integrity?
- How do you use queries to retrieve information, such as player performance?
- How do you create reports on player statistics and results?
- How do you create forms for data entry?

Student Project or Outcome:

- Plan, design, and create a database for a professional sports team.
- Define relationships.
- Create multiple tables, queries, forms, and reports to illustrate specific data.

Project-Based Assessment:
Students can be evaluated on the quality of their database design, queries, reports, and forms.

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