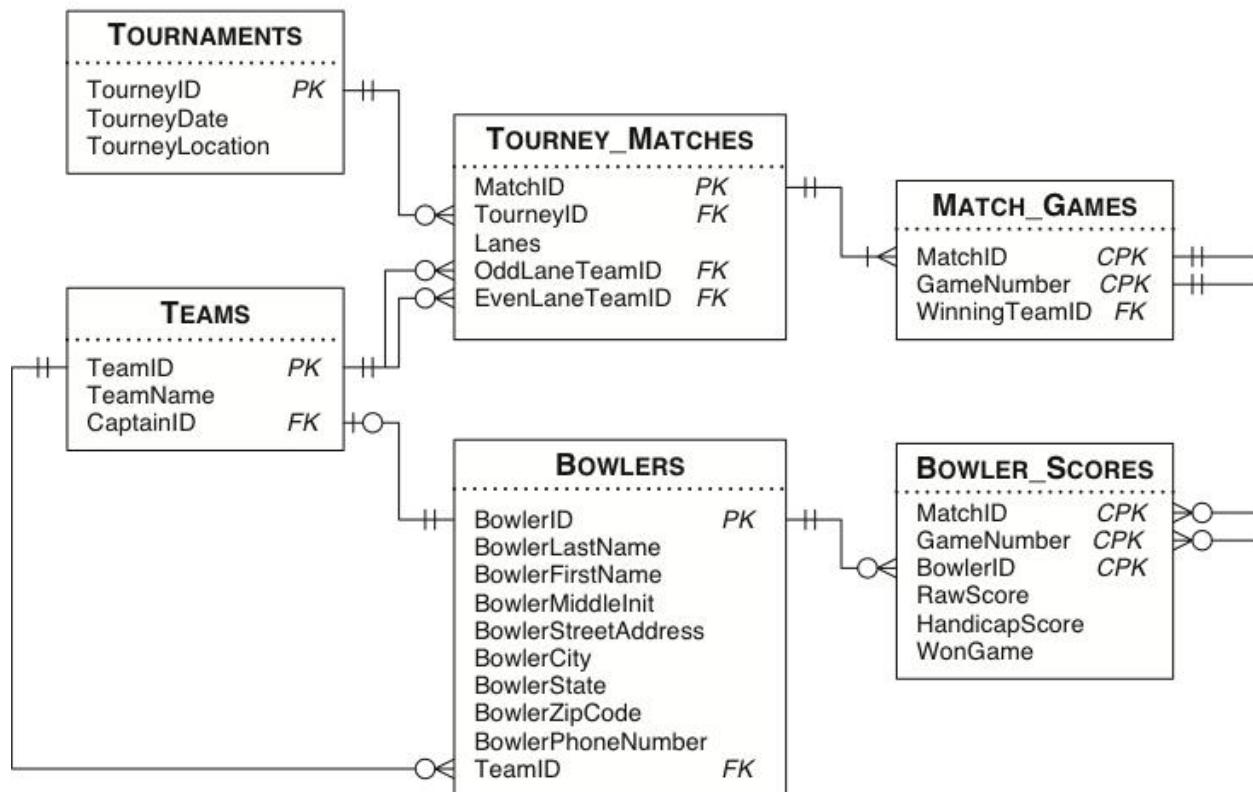


Assignment 10 – Advanced Topics Part 2

Fall 2016

The due date for the assignment 10 is **12/8/2016 (midnight)**. It must be submitted through the “Assignment 10 – Advanced Topics Part 2” in Dropbox provided on the eCollege. It is important that you specify your name in the SQL file. The attachment name should follow the following convention: **BUSA526_ASSIGNMENT10_FIRSTNAME_LASTNAME.SQL**

Import the assignment data code and use the following logical schema to answer questions below:



1. Create a transaction to enter a new tournament. This transaction will do the following steps:
 - a. Check to see whether tournament that has ID 21 and tourney location ‘TAMUC’ is inserted into table ‘tournaments’ (1 point).
 - b. If there is no record, tournament that has ID 21, ‘2016-11-29’ Tourney Date, and ‘TAMUC’ Tourney Location is entered into the table ‘tournament’ (1 point).
 - c. Accept all changes in the end of the transaction.
2. Create a transaction to enter a new tournament. This transaction will do the following steps:

- a. Check to see whether tournament that has ID 20 and tourney location 'Totem Lanes' is inserted into table 'tournaments' (1 point).
- b. If there is a record, tournament that has ID 20, '2016-11-29' Tourney Date, and 'Totem Lanes' Tourney Location is entered into the table 'tournament' (1 point).
- c. Rollback all changes in the end of the transaction.

3. Create a transaction to update bowlers' information. This transaction will do the following steps:

- a. Find bowler who has last name 'Fournier' and first name 'David' (1 point).
- b. Update his middle name initial to 'J.' (1 point). Hint: use UPDATE command in chapter 15.
- c. Accept all changes in the end of the transaction.

4. Create a transaction to update bowlers' reward status. This transaction will do the following steps:

- a. Create another column in Bowlers table with the column name 'RewardStatus' and datatype CHAR(3) (1 point).
- b. Find the bowlers who score highest rawscore for each team (1 point).
- c. Update their reward status to 'MVP' (1 point). Hint: use UPDATE command in chapter 15.
- d. Accept all changes in the end of the transaction.

5. Name your own transaction and answer it (1 point).

The following criteria will be used to grade the assignment:

- Codes are run with detail comment, accurate, and answers are correct.

*****NOTE*****

Please feel free to consult your instructor by email or phone, if you have questions or need assistance!!