Benjamin Goodwin

DS7330 Midterm 1

Question 1: Database Schema

EER Diagram:

Diagram

Description automatically generated

Schema:

Text

Description automatically generated

Text

Description automatically generated

Text

Description automatically generated

Text

Description automatically generated

Text

Description automatically generated

Text

Description automatically generated

Question 4a:

Input:

Graphical user interface, application

Description automatically generated

Output:

A picture containing text, scoreboard

Description automatically generated

4B

Input:

Text

Description automatically generated

Output:

A picture containing background pattern

Description automatically generated

4C Input:

Graphical user interface, text

Description automatically generated

Output:

Table

Description automatically generated

4D Input:

Text

Description automatically generated

Output:

A picture containing text, scoreboard

Description automatically generated

4E Input:

Text

Description automatically generated

Output:

Table

Description automatically generated

4F Input:

Text

Description automatically generated

Output:

Diagram

Description automatically generated with medium confidence

4G Input:

Text

Description automatically generated

4G Output:

Diagram, calendar

Description automatically generated with medium confidence

Question 5 input:

Text

Description automatically generated

Output:

Table

Description automatically generated

Question 6: Python Code and Output

Input:

import mysql.connector  
  
db\_connection = mysql.connector.connect(  
 host="localhost",  
 user="root",  
 passwd="Password1!",  
 database="basketballTournaments"  
)  
print(db\_connection)  
  
mycursor = db\_connection.cursor()  
  
mycursor.execute("SELECT Tournaments.TourneyID, Tournaments.TourneyDate, Tournaments.TourneyLocation FROM Tournaments Limit 14;")  
  
myresult = mycursor.fetchall()  
  
for x in myresult:  
 print(x)

Output:

/Users/benjamingoodwin/PycharmProjects/pythonProject/venv/bin/python /Users/benjamingoodwin/PycharmProjects/pythonProject/main.py

<mysql.connector.connection.MySQLConnection object at 0x7fb0659f5fd0>

(1, datetime.date(2016, 9, 4), 'Red Rooster Arena')

(2, datetime.date(2016, 9, 11), 'Thunderbird Arena')

(3, datetime.date(2016, 9, 18), 'Boldero Arena')

(4, datetime.date(2016, 9, 25), 'Imperial Arena')

(5, datetime.date(2016, 10, 2), 'Sports World Arena')

(6, datetime.date(2016, 10, 9), 'Totem Arena')

(7, datetime.date(2016, 10, 16), 'Acapulco Arena')

(8, datetime.date(2016, 10, 23), 'Red Rooster Arena')

(9, datetime.date(2016, 10, 30), 'Thunderbird Arena')

(10, datetime.date(2016, 11, 6), 'Bolero Arena')

(11, datetime.date(2016, 11, 17), 'Imperial Arena')

(12, datetime.date(2016, 11, 20), 'Sports World Arena')

(13, datetime.date(2016, 11, 27), 'Totem Arena')

(14, datetime.date(2016, 12, 4), 'Acapulco Arena')

Process finished with exit code 0