

Brenna Starkey & Luke Mason  
Dr. Bowers  
CPSC 321: PRJ5  
Due: 3 November 2020

#### PRJ5 Write-Up

#### How Queries Will Be Used (also listed in script):

1. Gets all users that are admin
2. Gets all teams above a specific win value
3. Gets all games that are in a certain date range
4. Gets all leagues that are a certain gender
5. Gets all leagues that are a certain level
6. Gets all names on a specific team
7. Gets all users that aren't on a team
8. Gets all the teams in a specific tournament
9. Gets all the teams in a specific league
10. Gets all the wins and losses of all the teams in a league
11. Counts all the games a specific team has played
12. Counts all the times two specific teams have played each other
13. Gets all the rules for every league and put it into another table
14. Gets all sports that have a specific max-player minimum

#### Outputs

+-----+-----+	
Name	GU_ID
+-----+-----+	
Luke Mason	123456
Brenna Starkey	54013911
+-----+-----+	

2 rows in set (0.0161 sec)  
Query OK, 0 rows affected (0.0208 sec)

+-----+-----+		
Team Name	wins	losses
+-----+-----+		
Team 3	6	1
The Rockets	5	4
+-----+-----+		

2 rows in set (0.0164 sec)  
Query OK, 0 rows affected (0.0119 sec)

+-----+-----+		
team_one	team_two	date_of_game
+-----+-----+		
Team 1	Team 3	2020-10-24 07:30:00
Team 2	Team 1	2020-10-24 08:00:00
The Rockets	Laker Nation	2020-10-27 09:15:00
+-----+-----+		

3 rows in set (0.0163 sec)  
Query OK, 0 rows affected (0.0149 sec)

+-----+-----+			
league_ID	league_level	sport	gender
+-----+-----+			
103	Advanced	Softball	Female

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+-----+-----+-----+-----+
1 row in set (0.0159 sec)
Query OK, 0 rows affected (0.0150 sec)
+-----+-----+-----+-----+
| league_ID | league_level | sport      | gender |
+-----+-----+-----+-----+
|         101 | Beginner     | Basketball | Coed   |
+-----+-----+-----+-----+
1 row in set (0.0163 sec)
Query OK, 0 rows affected (0.0168 sec)
+-----+-----+
| Captain      | Team Name |
+-----+-----+
| Luke Mason    | Team 1    |
| Brenna Starkey | Team 1    |
+-----+-----+
2 rows in set (0.0111 sec)
Query OK, 0 rows affected (0.0155 sec)
+-----+-----+
| Name          | GU_ID |
+-----+-----+
| Sam McCloughan | 224771 |
| Cullen McEachern | 333288 |
| Yacine Guermali | 888372 |
+-----+-----+
3 rows in set (0.0181 sec)
Query OK, 0 rows affected (0.0131 sec)
+-----+-----+
| team_n | tourney_n |
+-----+-----+
| Team 1 | Basketball Tournament |
| Team 2 | Basketball Tournament |
+-----+-----+
2 rows in set (0.0161 sec)
Query OK, 0 rows affected (0.0157 sec)
+-----+-----+
| team_n | league_ID |
+-----+-----+
| Team 1 |         101 |
| Team 2 |         101 |
+-----+-----+
2 rows in set (0.0162 sec)
Query OK, 0 rows affected (0.0155 sec)
+-----+-----+-----+-----+-----+
| team_n | wins | losses | ties | league_ID |
+-----+-----+-----+-----+-----+
| Team 1 |    4 |      0 |    1 |         101 |
| Team 2 |    1 |      0 |    3 |         101 |
+-----+-----+-----+-----+-----+

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2 rows in set (0.0161 sec)  
Query OK, 0 rows affected (0.0190 sec)

team_n	COUNT(*)
Ballers	16

1 row in set (0.0160 sec)  
Query OK, 0 rows affected (0.0164 sec)

team_n	team_n	COUNT(*)
Ballers	Team 1	16

1 row in set (0.0154 sec)  
Query OK, 0 rows affected (0.0164 sec)

league_ID	rule
101	No Club Players
102	NULL
103	Experienced players only

3 rows in set (0.0154 sec)  
Query OK, 0 rows affected (0.0151 sec)

league_ID	sport
101	Basketball
102	Football
103	Softball