

APRIL 2023

For this month, we made another adjustment to the database. We changed the data type of **SportingEvent_DateTime** column. I add a new column **SportingEvent_Time** in **Sporting_Event** Table and separated the Date and Time of **SportingEvent_DateTime** Column.

The screenshot shows the DBeaver SQL Editor with the following SQL statement:

```
INSERT INTO Sporting_Event (SportingEvent_ID, SportingEvent_Name, SportingEvent_DateTime, Venue_ID, Sport_ID, SportingEvent_Time)
VALUES
("3", "AU Womens Basketball Cheyney University of Pennsylvania", "4/14/2023", "15", "4", "4:00"),
("4", "AU Womens Basketball Chestnut Hill College", "4/18/2023", "16", "4", "1:00"),
("5", "AU Men's Basketball at Chestnut Hill College", "4/22/2023", "16", "3", "22:00"),
("6", "AU Indoor Womens Track & Field Ocean Breeze", "4/26/2023", "5", "6", "19:00"),
("7", "AU Indoor Mens Track & Field at Ocean Breeze", "4/30/2023", "5", "5", "13:00"),
("8", "AU Womens Basketball at University of Bridgeport", "5/4/2023", "17", "4", "10:00"),
("9", "AU Mens Basketball at University of Bridgeport", "5/8/2023", "17", "3", "7:00"),
("10", "AU Baseball at Virginia State University", "5/12/2023", "18", "11", "4:00"),
("11", "AU Womens Basketball vs Felician University", "5/16/2023", "2", "4", "1:00"),
("12", "AU Mens Basketball vs Felician University", "5/20/2023", "2", "3", "22:00"),
("13", "AU Womens Lacrosse vs University of the District of Columbia", "5/24/2023", "19", "13", "19:00"),
("14", "AU Womens Basketball vs Dominican University of New York", "5/28/2023", "2", "4", "13:00"),
("15", "AU Mens Basketball vs Dominican University of New York", "6/1/2023", "2", "3", "10:00");
```

Below the SQL editor, the Statistics panel shows:

- Updated Rows: 2
- Query: INSERT INTO Sporting_Event (SportingEvent_ID, SportingEvent_Name, SportingEvent_DateTime, Venue_ID, Sport_ID, SportingEvent_Time) VALUES ("1", "AU Women Basketball vs Holy Family University", "4/6/2023", "2", "4", "10:00"), ("2", "AU Men Basketball vs Holy Family University", "4/10/2023", "2", "3", "7:00")
- Start time: Mon Apr 03 19:11:05 UTC 2023
- Finish time: Mon Apr 03 19:11:05 UTC 2023

The screenshot shows the DBeaver Data Grid for the **Sporting_Event** table. The table has the following columns: **SportingEvent ID**, **SportingEvent Name**, **SportingEvent DateTime**, **Venue ID**, **Sport ID**, and **SportingEvent Time**. The data is as follows:

SportingEvent ID	SportingEvent Name	SportingEvent DateTime	Venue ID	Sport ID	SportingEvent Time
44	AU Softball vs Purdue University Northwest Lee	9/25/2023	27	12	7:00
45	AU Womens Lacrosse at Southern Wesleyan Cen	9/29/2023	30	13	4:00
46	AU Baseball vs Adelphi Lake Worth FL	10/3/2023	29	11	1:00
47	AU Softball vs University of New Haven Leesbur	10/7/2023	27	12	22:00
48	AU Baseball vs Bentley University	10/11/2023	3	11	19:00
49	AU Softball vs Wayne State University Leesburg	10/15/2023	27	12	13:00
50	AU Womens Lacrosse at Converse University Spa	10/19/2023	31	13	10:00
51	AU Womens Lacrosse Converse University Spart	10/23/2023	31	13	7:00
52	AU Softball vs University of Mary Leesburg FL	10/27/2023	27	12	4:00
53	AU Baseball Lincoln PA	10/31/2023	3	11	1:00
54	AU Baseball Lincoln PA	11/4/202	3	11	22:00
55	AU Softball vs Salem University Leesburg FL	11/8/2023	27	12	19:00
56	AU Softball vs Hillsdale College Leesburg FL	11/12/2023	27	12	13:00
57	AU Womens Lacrosse Erskine College Due West	11/16/2023	4	12	10:00
58	AU Softball vs Jefferson	11/20/2023	23	12	7:00
59	AU Softball vs Jefferson	11/24/2023	23	12	4:00
60	AU Softball Holy Family University Philadelphia	11/28/2023	3	12	1:00
61	AU Baseball Goldey Beacom	12/2/2023	13	11	22:00
62	AU Womens Lacrosse vs University of Bridgepor	12/6/2023	4	13	19:00

In the evening, Venus organized **Sporting_Event** Table and organized the columns so the columns for Date and Time were together and not apart. She then added some data, and I continued until there were 102 rows of data.

DBeaver 23.0.1 - Sporting_Event

File Edit Navigate Search SQL Editor Database Window Help

Auto

Enter a part of object name...

Tables

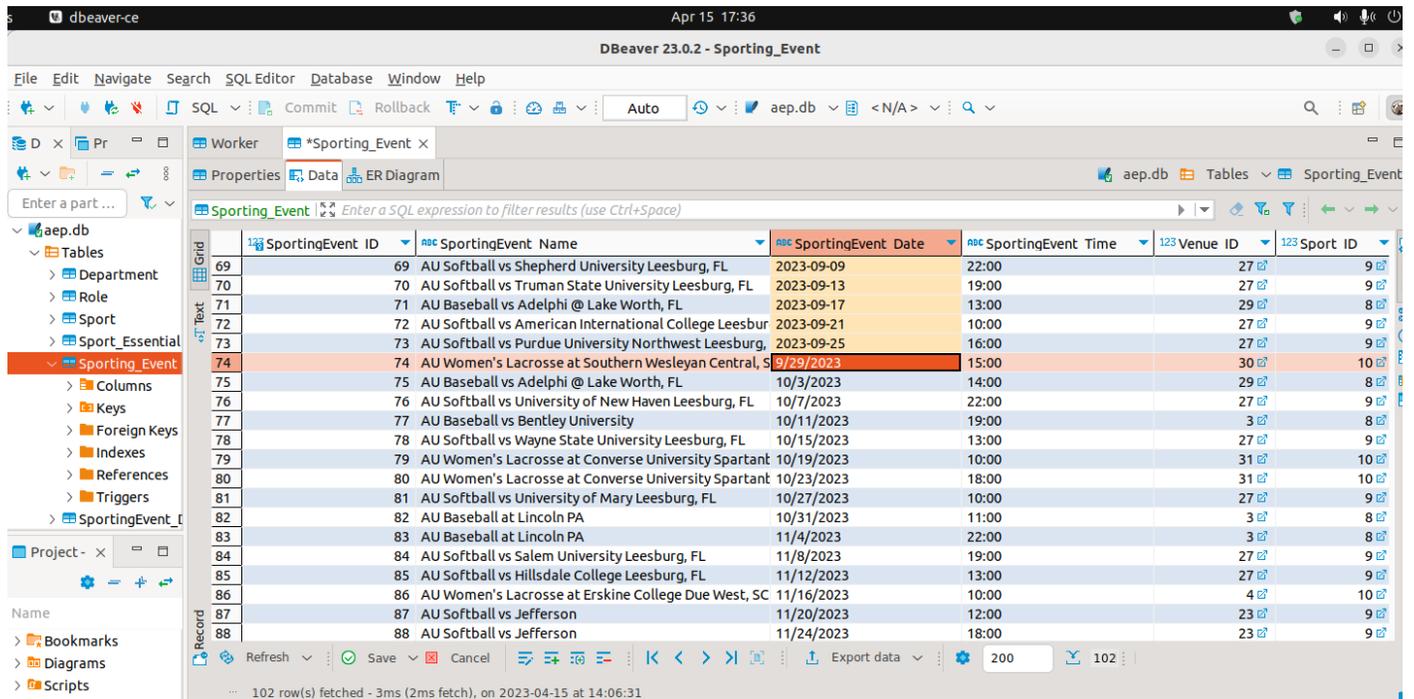
- Department
- Role
- Sport
- Sport_Essential
- Sporting_Event**
- Transportation
- Venue
- Worker
- SportingEvent_Detail
- Views
- Indexes
- Sequences
- Table Triggers
- Data Types
 - 123 INTEGER
 - 123 REAL
 - 123 NUMERIC
 - TEXT
 - BLOB

Grid	123 SportingEvent ID	abc SportingEvent Name	abc SportingEvent Date	abc SportingEvent Time	123 Venue ID	123 SportingEvent Detail
58	58	AU Softball at Wilmington University Bear	7/27/2023	10:00	25	
59	59	AU Softball at Wilmington University Bear	7/31/2023	7:00	25	
60	60	AU Baseball at Queens College Flushing, NY	8/4/2023	4:00	26	
61	61	AU Softball vs Franklin Pierce University Lei	8/8/2023	1:00	27	
62	62	AU Baseball vs Southern Connecticut State	8/12/2023	22:00	29	
63	63	AU Softball vs Saint Michael's College	8/16/2023	19:00	27	
64	64	AU Softball vs Indiana University of Pennsylv	8/20/2023	13:00	27	
65	65	AU Softball vs Southern Connecticut State I	8/24/2023	10:00	27	
66	66	AU Baseball vs Southern Connecticut State	8/28/2023	7:00	27	
67	67	AU Baseball vs Caldwell	9/1/2023	4:00	27	
68	68	AU Women's Lacrosse at Montreat College	9/5/2023	1:00	28	
69	69	AU Softball vs Shepherd University Leesbur	9/9/2023	22:00	27	
70	70	AU Softball vs Truman State University Lee	9/13/2023	19:00	27	
71	71	AU Baseball vs Adelphi @ Lake Worth, FL	9/17/2023	13:00	29	
72	72	AU Softball vs American International Colle	9/21/2023	10:00	27	
73	73	AU Softball vs Purdue University Northwes	9/25/2023	7:00	27	
74	74	AU Women's Lacrosse at Southern Wesleya	9/29/2023	4:00	30	
75	75	AU Baseball vs Adelphi @ Lake Worth, FL	10/3/2023	1:00	29	
76	76	[NULL]	[NULL]	[NULL]	[NULL]	
77	77	[NULL]	[NULL]	[NULL]	[NULL]	

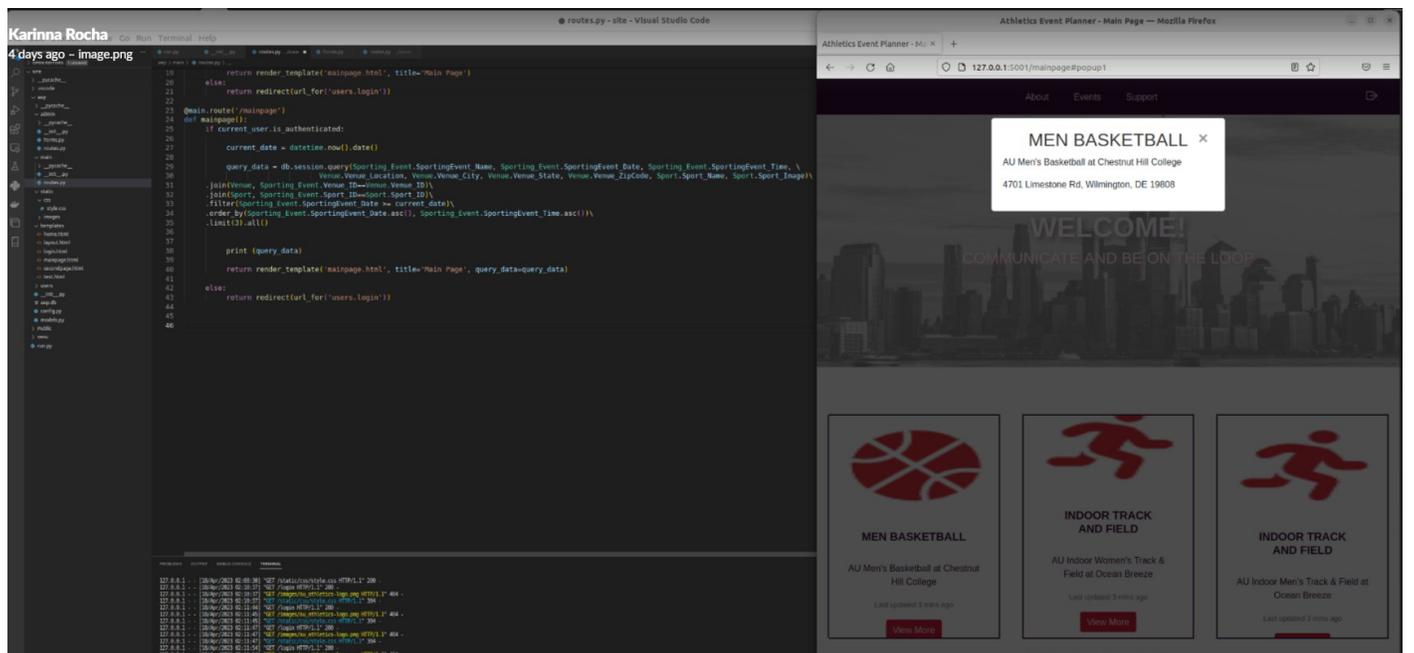
Refresh Save Cancel Export data 200 100

0 row(s) fetched - 0ms, on 2023-04-04 at 03:53:56

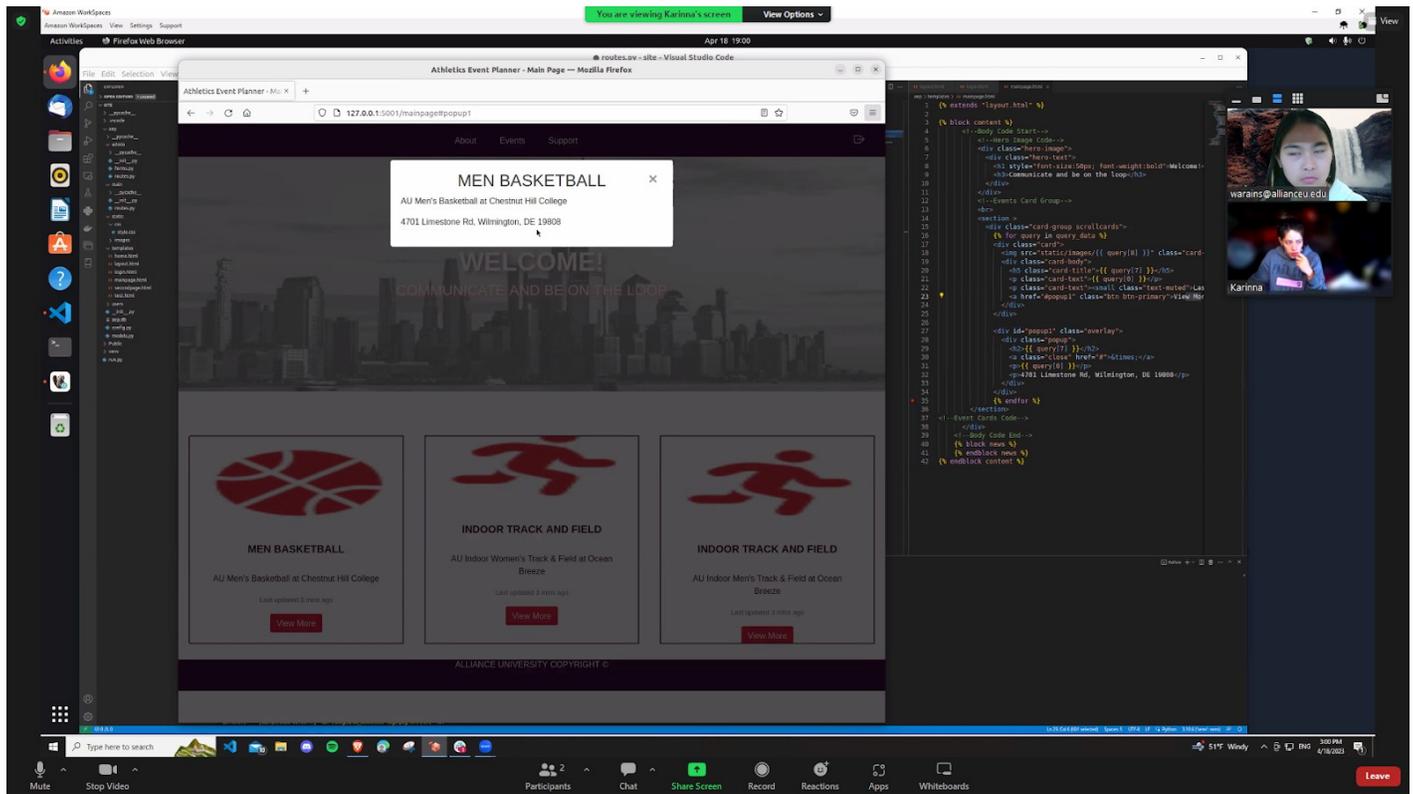
April 15, Karina (**Front/Backend Coder**) sent us a message asking if we could change the format of the Date to **YYYY-MM-DD** format instead of MM-DD-YYYY, so I did it, and I'm glad it worked out for them.



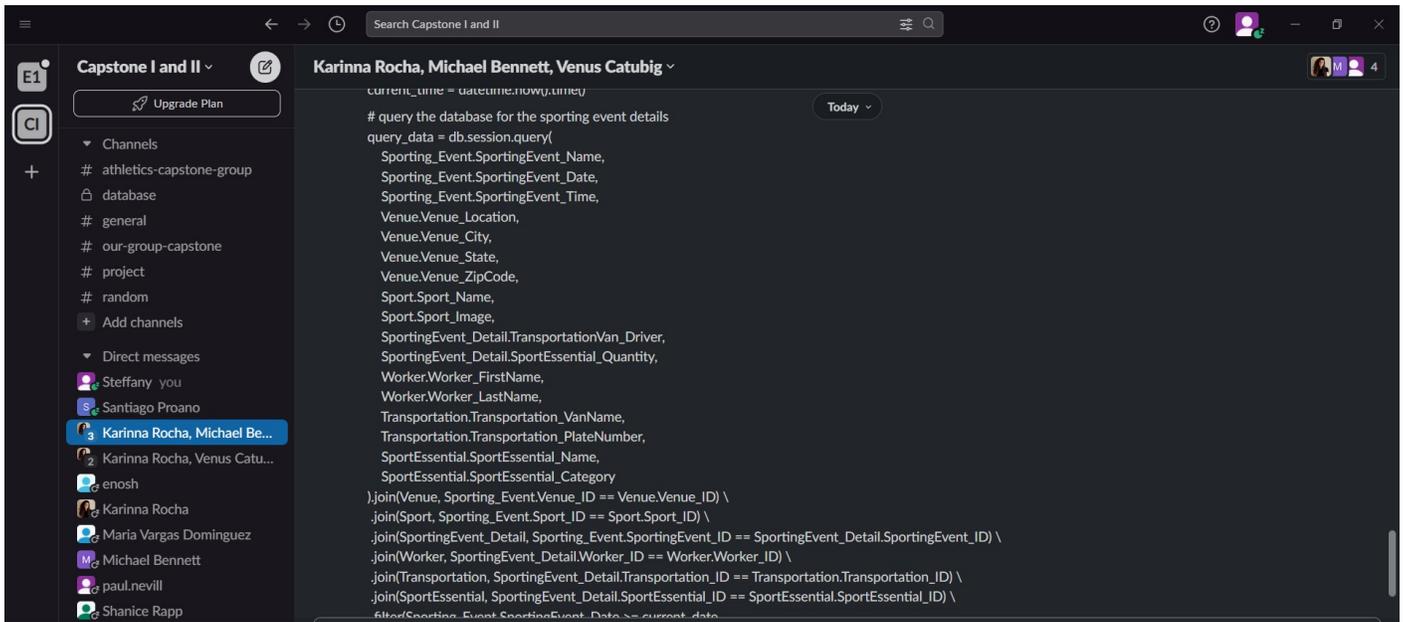
After 3 days, we found out that they could not query our Database at all. Only what **Sporting_Event** Table appears in the Front End.



Karina and I Zoom in the afternoon of Tuesday and listen to what the problem is. She thought that **Sporting_Event** Table and **SportingEvent_Detail** was not connected. I walked her through the Database and explained every table and its purpose while showing her the ERD. Later that night, around 11:15 pm, I met with Enosh **HTML (Frontend)** and Karina (**Front/Backend Coder**) to talk and listen to their challenges.

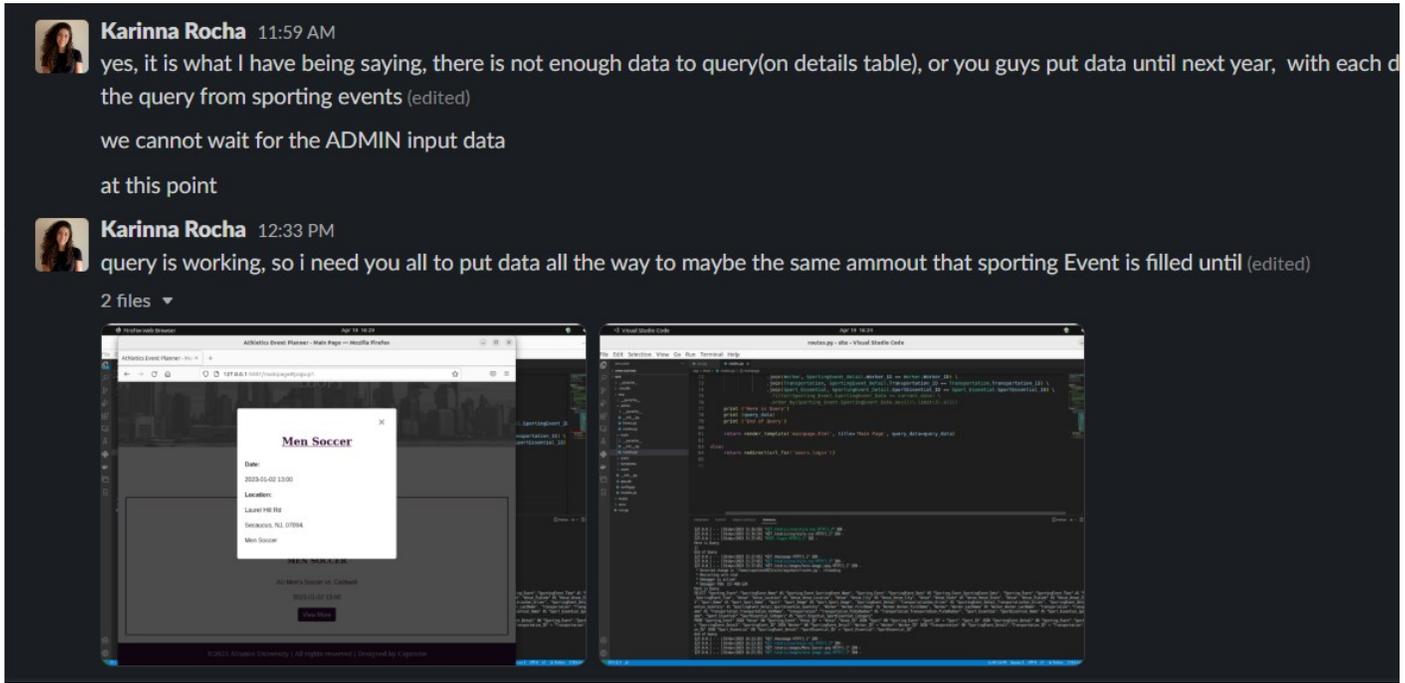


After some thinking and reviewing of the Code, I suggested to Karina to query using **SportingEvent_Detail** instead of **Sporting_Event**, and I consulted with **ChatGPT** to give her a guide code, and it gave me this:



Logic and Syntax are not accurate, of course, but it made Karina’s coding easier.

The next day, after modifying the code, it finally worked. And the current challenge we have is the **Sports_Essential** Table and the **SportingEvent_Detail**. The solution would be to match the amount of data available in **SportingEvent_Detail** against **Sporting_Event**. As for the **Sports_Essential**, all the Items and quantity needed for each sport have to show every query.



After our Friday Class on Friday, 4/21/2023, after midnight, I Added the data needed.

Grid	123 SportingEventDetail ID	ABC TransportationVan Driver	123 SportEssential Quantity	123 Worker ID	123 Transportation ID	123 SportEssential ID	123 SportingEvent ID
83	83	Jada Hamilton	1	113,764	2	2	83
84	84	Julieanna Ramos	1	113,765	3	2	84
85	85	Natalie Piper	1	113,766	4	2	85
86	86	Lucia Serrano	1	113,767	5	2	86
87	87	Nia Lariosa	1	113,770	1	2	87
88	88	Laura Callvin	1	113,771	2	2	88
89	89	Nik Schlipf	1	113,772	3	2	89
90	90	Shir Miraidi	1	113,773	4	2	90
91	91	Jayden Dawson	1	113,774	5	2	91
92	92	Jordan Rodriguez	1	113,775	1	2	92
93	93	Isayas Aris	1	113,776	2	2	93
94	94	Nikias Schoenerstedt	1	113,777	3	2	94
95	95	Janelle Adam	1	113,778	4	2	95
96	96	Lynette Niebla	1	113,779	5	2	96
97	97	Kaila Quick	1	113,780	1	2	97
98	98	Brittany Tomala	1	113,781	2	2	98
99	99	Steffany Warain	1	117,356	3	2	99
100	100	Venus Catubig	1	115,895	4	2	100
101	101	Karina Nunes Rocha	1	115,660	5	2	101
102	102	Enosh Gomez	1	117,176	1	2	102

Grid	123 SportEssential ID	ABC SportEssential Name	ABC SportEssential Category	123 SportEssential Minimum	123 SportEssential Maximum
1	1	Corner Flags	Field	4	10
2	2	AED, Corner Flag, Camera, Sod	Medical	1	3
3	3	Camera	Electronics	1	3
4	4	AED, Corner Flag, Camera, Soccer Ball, Country Flags, Water Cooler, Jugs, Cups, Medical Kit, Air Horn, Emergency Bag	Field	6	12
5	5	Cups, Medical Kit, Air Horn, Emergency Bag	Field	3	10
6	6	Country Flags	Field	8	10
7	7	Water Cooler	Field	3	6
8	8	Speaker	Electronics	1	4
9	9	AT Medical Kit	Medical	2	4
10	10	Water Jug	Field	4	10
11	11	Water Cups	Field	100	200
12	12	Treatment Table	Medical	2	4
13	13	Tent	Field	2	4
14	14	Score Board	Field	1	2
15	15	Score Clock	Field	1	2
16	16	Air Horn	Field	1	2
17	17	Folding Table	Field	3	6
18	18	Folding Chairs	Field	4	8
19	19	Black Emergency Bag	Medical	1	2

As of now, this is what it looks like, I placed in one cell the list of all items a sport needed, so instead of the Primary Key's purpose is to identify each Equipment for the sport, I just group them together to show a list.

